

Pioneer

AUDIO & AV **2015**
CAR ENTERTAINMENT



2015 PIONEER NEW PRODUCTS

Entertainment. Connectivity. Quality. Convenience. These elements of integrity drive Pioneer car entertainment on the fast track to perfection.

ENTERTAINMENT

Pioneer's innovative in-car entertainment moves, with MIXTRAX to create a Non-Stop MIX with DJ-inspired effects, and Flashing Color livening up the interior with light pulsing to the music's beat. Separated color customization offers over 210,000 colors to match interior car illumination as you like.

QUALITY

Pioneer AV and Audio receivers incorporate specially designed and selected parts for superior sound, as well as various exclusively developed technologies that can be optimized for particular sound fields and precise manual control. Pioneer high-sensitivity speakers keep sound very clear with low distortion.

CONNECTIVITY

With the AppRadioLIVE app, a compatible smartphone connected to a Pioneer receiver with AppRadio™ Mode makes it easy to access several of your favorite apps from a single screen interface so that you don't need to search for and open them individually.

It's also simple to connect an iPhone 5s, iPhone 5c or iPhone 5 into an Apple CarPlay® compatible Pioneer receiver, so you can take advantage of Siri Eyes Free functions to ensure smoother app operation control when driving.

CONVENIENCE

Enjoy simpler, safer receiver operation. Wide Band Speech support for Bluetooth® Hands-Free calling makes you sound much clearer. Siri Eyes Free allows you voice control of your iPhone as you watch the road. An Advanced User Interface provides powerfully responsive, easily intuitive, highly customizable touchscreen control.



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TAP INTO A REVOLUTION

Connect a smartphone in your car to extend familiar app control to a Pioneer touch display.



YOUR TRAX. YOUR MIX.

Innovative Pioneer technology that creates a Non-Stop MIX with a range of DJ-inspired effects.

MIXTRAX



APPRADIO MODE & MIXTRAX

AppRadio Mode

AppRadio Mode allows compatible applications on an iPhone 5s, iPhone 5c, iPhone 5, iPhone 4S, iPhone 4, 5th generation iPod touch, 4th generation iPod touch or Android phone* to be viewed and controlled directly from the receiver's touch panel display.

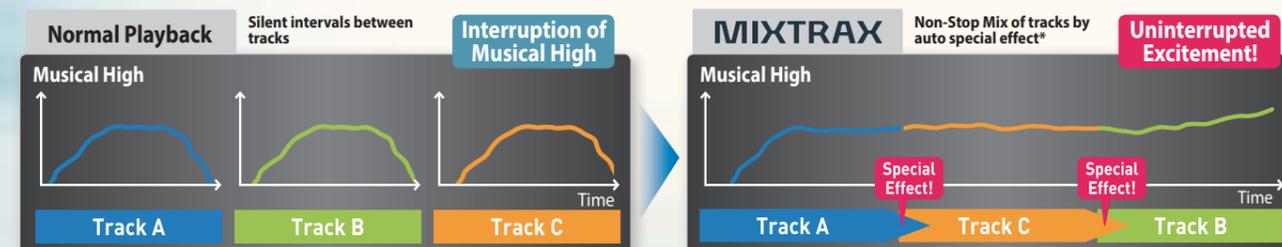
* Not all Android phones are compatible.



Like a smartphone, the AV receiver touch panel can be swiped, flicked or tapped for intuitive app control.

MIXTRAX Benefit

Pioneer presents the magic of MIXTRAX — delivering the Non-Stop MIX experience at home or on the go with technology based on Pioneer's history of innovative professional DJ product development.



* Depending on the file/song, sound effects may not be enabled for adding.



KEY FEATURES STEP-UP COMPARISON CHART

	DIN Size	Display	Preout	Playback	Video Format	Audio Format	AUX Input (Mini-Jack)	USB Interface	SD/SDHC Memory Card Slot	HDMI Input	Direct Control for iPod/iPhone ^{*1}	Direct Control for Certain Android Phones ^{*1,*2}	AppRadio Mode ^{*3}	Apple CarPlay Compatible	Built-in MirrorLink ^{*4}	Bluetooth ^{*4}	MIXTRAX	Dual Zone Audio/Video	Auto EQ Auto Time Alignment	Advanced Sound Retriever	Back-Up Camera Ready	Page Number
AVH-X8650BT	2-DIN	7.0" WVGA	3 (4V)	DVD/CD	H.264 ^{*5} WMV ^{*5} DivX ^{*6}	WAV ^{*5} MP3 WMA AAC	Rear	Rear x 2			USB (Rear)	Bluetooth	iPhone Android ^{*2}			HFP A2DP AVRCP SSP SPP			CD-MC20		ND-BC6 ND-BC20PA	09
AVH-X5750BT	2-DIN	7.0" WVGA	3 (4V)	DVD/CD	H.264 ^{*5} DivX ^{*6}	WAV ^{*5} MP3 WMA AAC	Rear	Rear			USB/Bluetooth	USB/Bluetooth	iPhone Android ^{*2} (AppRadio Mode USB)			HFP A2DP AVRCP SSP SPP			CD-MC20		ND-BC6 ND-BC20PA	10
AVH-X4750DVD	2-DIN	7.0" WVGA	3 (4V)	DVD/CD	H.264 ^{*5} DivX ^{*6}	WAV ^{*5} MP3 WMA AAC	Rear	Rear			USB	USB	iPhone Android ^{*2} (AppRadio Mode USB)						CD-MC20		ND-BC6 ND-BC20PA	11
AVH-X2750BT	2-DIN	6.2" WVGA	3 (4V)	DVD/CD	H.264 ^{*5} DivX ^{*6}	WAV ^{*5} MP3 WMA AAC	Rear	Rear			USB/Bluetooth	USB/Bluetooth	iPhone Android ^{*2} (AppRadio Mode USB)			HFP A2DP AVRCP SSP SPP			CD-MC20		ND-BC6 ND-BC20PA	10
AVH-X1750DVD	2-DIN	6.2" WVGA	3 (4V)	DVD/CD	H.264 ^{*5} DivX ^{*6}	WAV ^{*5} MP3 WMA AAC	Rear	Rear			USB	USB	iPhone Android ^{*2} (AppRadio Mode USB)						CD-MC20		ND-BC6 ND-BC20PA	11
AVH-275BT	2-DIN	6.2" WVGA	2 (2V)	DVD/CD	DivX	WAV MP3 WMA AAC	Rear	Rear			USB					HFP A2DP AVRCP SSP SPP					ND-BC6 ND-BC20PA	13
AVH-175DVD	2-DIN	6.2" WVGA	2 (2V)	DVD/CD	DivX	WAV MP3 WMA AAC	Rear	Rear			USB										ND-BC6 ND-BC20PA	13
AVH-X7750BT	1-DIN	7.0" WVGA	3 (4V)	DVD/CD	H.264 ^{*5} DivX ^{*6}	WAV ^{*5} MP3 WMA AAC	Rear	Rear			USB/Bluetooth	USB/Bluetooth	iPhone Android ^{*2} (AppRadio Mode USB)			HFP A2DP AVRCP SSP SPP			CD-MC20		ND-BC6 ND-BC20PA	12
AVH-X6750DVD	1-DIN	7.0" WVGA	3 (4V)	DVD/CD	H.264 ^{*5} DivX ^{*6}	WAV ^{*5} MP3 WMA AAC	Rear	Rear			USB	USB	iPhone Android ^{*2} (AppRadio Mode USB)						CD-MC20		ND-BC6 ND-BC20PA	12
AVH-3750DVD	1-DIN	7.0" WVGA	3 (2V)	DVD/CD	DivX	MP3 WMA AAC	Front	Front													ND-BC6 ND-BC20PA	13
DVH-875AVBT	1-DIN	3.5"	2 (4V)	DVD/CD	DivX	MP3 WMA	Front/Rear	Front				Bluetooth				HFP A2DP AVRCP SSP SPP					ND-BC6 ND-BC20PA	20
DVH-775AV	1-DIN	3.0"	2 (2V)	DVD/CD	DivX	MP3 WMA	Front/Rear	Front													ND-BC6 ND-BC20PA	20
DVH-345UB	1-DIN		2 (2V)	DVD/CD	DivX	WAV ^{*5} MP3 WMA AAC	Front	Front														21

*1. Optional cable required. Please refer to page 92 for compatibility.

*2. Not all Android phones are compatible.

*3. CD-MU200 required (sold separately).

*4. HFP = Hands-Free Profile, A2DP = Advanced Audio Distribution Profile, AVRCP = Audio/Video Remote Control Profile, SSP = Secure Simple Profile, SPP = Serial Port Profile. Please refer to instruction manual for other information about profile compatibility.

*5. Only for USB Devices or SD Memory Card.

*6. Only for DVD or CD.

*7. Compatible with MIXTRAX EZ. Not compatible with full-featured Non-Stop Mix Play using MIXTRAX software that analyzes track information (BPM, bar, beat/vocal position, mood).

AppRadio Mode

AVH-X8650BT AVH-X5750BT AVH-X4750DVD AVH-X2750BT AVH-X1750DVD AVH-X7750BT AVH-X6750DVD

AppRadio Mode* allows compatible applications on an iPhone® 5s, iPhone 5c, iPhone 5, iPhone 4S**, iPhone 4**, 5th generation iPod touch®, 4th** generation iPod touch, or Android™ phone*** to be viewed and controlled directly from the receiver's touchscreen display.

* AppRadio Mode USB: Compatible with AVH-X5750BT, AVH-X4750DVD, AVH-X2750BT, AVH-X1750DVD, AVH-X7750BT and AVH-X6750DVD.
** Compatible with AVH-X8650BT.
*** Not all Android phones are compatible.



AppRadioLIVE

The AppRadioLIVE App gives you access to all the elements of your digital lifestyle in one place via AppRadio Mode.



Apple CarPlay

AVH-X8650BT

Just plug in your iPhone and Apple CarPlay automatically launches.



Note: Apple CarPlay may not be available in some regions. Please refer to the Apple official website for the latest information on regions in which it is available.

Bluetooth®

AVH-X8650BT AVH-X5750BT AVH-X2750BT AVH-X7750BT AVH-275BT DVH-875AVBT

Bluetooth Wireless Technology makes hands-free operation comfortable and safe while driving.



13-Band Graphic EQ

AVH-X8650BT AVH-X5750BT AVH-X4750DVD AVH-X2750BT AVH-X1750DVD

AVH-X7750BT AVH-X6750DVD

13-band EQ adjustment allows you to fine-tune sound quality just as you like it.



Built-in MirrorLink™

AVH-X8650BT AVH-X5750BT AVH-X4750DVD
AVH-X2750BT AVH-X1750DVD AVH-X7750BT
AVH-X6750DVD



By using the optional cable CD-MU200, you can directly access music, maps, and contacts on select MirrorLink™ certified devices via USB directly from the receiver's touchscreen.



Siri Eyes Free* Compatible

AVH-X8650BT AVH-X5750BT AVH-X2750BT AVH-X7750BT

Smart voice control lets users access various iPhone functions to select music, make calls from a contact list, etc., without taking their eyes off the road. **Siri Eyes Free**

* Siri is available on iPhone 5s, iPhone 5c, iPhone 5, iPhone 4S, iPod touch (5th generation) and requires Internet access. Siri may not be available in all languages or in all areas, and features may vary by area. Cellular data charges may apply.

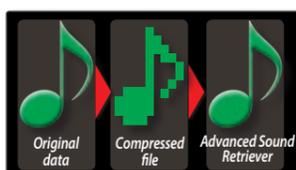
Advanced Sound Retriever

AVH-X8650BT AVH-X5750BT AVH-X4750DVD AVH-X2750BT AVH-X1750DVD

AVH-X7750BT AVH-X6750DVD DVH-345UB

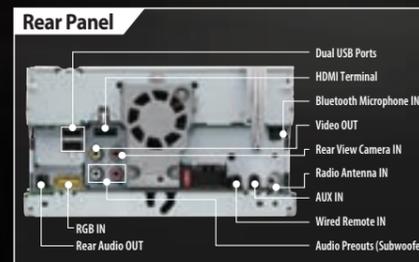
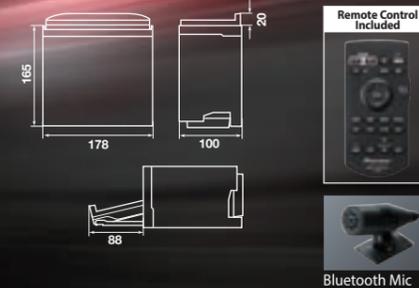
Reproduces high-quality sound from compressed digital audio files and Bluetooth wireless audio streams.

Pure Sound!



AVH-X8650BT

In-Dash Double-DIN Flagship DVD Multimedia AV Receiver with 7" WVGA Touchscreen Display, MIXTRAX, Built-in MirrorLink™, Dual USB, and SD Card Slot



7.0W VEGA LED MULTIPLE COLOR MULTILINGUAL DISPLAY DVD VIDEO H.264 FLAC MP3 WMA AAC DIVX DOLBY DIGITAL APP MODES HDMI

3 RCA PRESETS Hi-VOLT 24bit DAC Auto EQ TVS Tuner Ready RDS SUPER TUNER II MOSFET 50W x4 Siri Eyes Free Back Up Camera Camera Lock

MIXTRAX AppRadio MODE Made for iPod iPhone Smartphone Compatible MirrorLink Bluetooth Dual USB

Key Selling Points

- Point 1** Pages 14-15 **Enhanced smartphone connectivity for today's smartphone-driven lifestyle.** Made for iPod iPhone Smartphone Compatible
- Point 2** Page 18 **Experience non-stop music playback based on music data analysis that delivers a seamless mix created by a virtual DJ.** MIXTRAX
- Point 3** Page 19 **An all new smartphone-inspired user interface provides an easy to use and intuitive experience.**

Main Features (Blue text: upgraded features from AVH-X5750BT)

- MIXTRAX
 - 7" WVGA Touch Panel Display with LED Backlight
 - Multi-Language Display (Menu/ID3 Tag)
 - Color Customization (5-Display Colors and 112-Key Colors)
 - Direct Control for iPod/iPhone (USB)
 - Direct Control for Certain Android Phones (Bluetooth)
 - AppRadio Mode for iPod/iPhone & Certain Android Phones
 - App Mode
 - Built-in MirrorLink™
 - Built-in Bluetooth® Wireless Technology (Hands-Free Calling/Wireless Audio)
 - Siri Eyes Free Compatible
 - Dual USB Ports (Rear: High Current 1 A Handling Capability)
 - SD/SDHC Memory Card Slot
 - AUX Input (Audio/Video)
 - HDMI Input
 - RGB Input
 - DVD/CD Player with DVD Video Playback
 - H.264/MKV/FLV Video/WMV/MPEG-4/MP3/WMA/iTunes® AAC/WAV/FLAC Audio Playback from SD Memory Card/USB Device
 - DivX/MPEG-1, -2, -4/MP3/WMA/iTunes AAC Playback from DVD/CD
 - Dual Zone Audio/Video
 - Advanced Sound Retriever
 - SR Air
 - MOSFET 50 W x 4
 - Hi-Volt RCA Preouts x 3 (4 V)
 - 13-Band Graphic EQ
 - Auto EQ & Auto Time Alignment (CD-MC20 Required)
 - Pioneer TV Tuner Ready (GEX-1550DTV for RD Model/GEX-1550TV for RC and RI Models)*
 - JPEG Slide Show
 - Back-Up Camera Ready
 - Detachable Face Security™
 - Wired Remote Input
 - Display Off Mode
 - RDS
- * See page 19 for more details. See pages 88 and 89 for accessories.

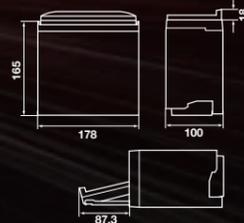
iPod/iPhone Compatibility

Made for
iPhone 5s, iPhone 5c, iPhone 5 (AppRadio Mode Compatible)
iPhone 4S (AppRadio Mode Compatible)
iPhone 4 (AppRadio Mode Compatible)
iPhone 3G
iPod touch (2nd, 3rd, 4th, and 5th generation)
iPod classic*
iPod with video
iPod nano* (1st, 2nd, 3rd, 4th, 5th, 6th, and 7th generation)

Notes: Receiver may not operate other iPod or iPhone models. Compatibility with unit and operations may vary depending on the software version. See page 92 for more details.

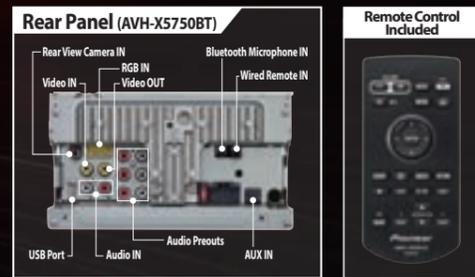
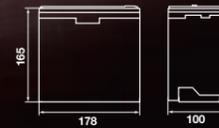
AVH-X5750BT NEW

In-Dash Double-DIN DVD Multimedia AV Receiver with 7" WVGA Touchscreen Display, MIXTRAX, Built-in Bluetooth®, and Direct Control for iPod/iPhone and Certain Android Phones



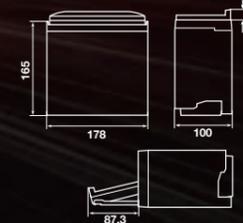
AVH-X2750BT NEW

In-Dash Double-DIN DVD Multimedia AV Receiver with 6.2" WVGA Touchscreen Display, MIXTRAX, Built-in Bluetooth, and Direct Control for iPod/iPhone and Certain Android Phones



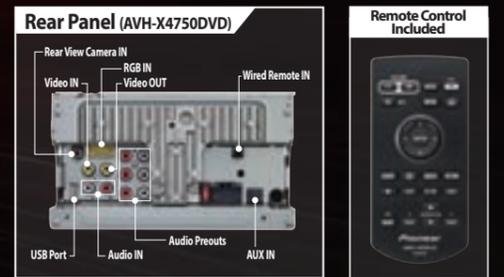
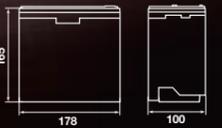
AVH-X4750DVD NEW

In-Dash Double-DIN DVD Multimedia AV Receiver with 7" WVGA Touchscreen Display, MIXTRAX, and Direct Control for iPod/iPhone and Certain Android Phones



AVH-X1750DVD NEW

In-Dash Double-DIN DVD Multimedia AV Receiver with 6.2" WVGA Touchscreen Display, MIXTRAX, and Direct Control for iPod/iPhone and Certain Android Phones



7.0W/6.2W* **VGA** **AV** **MULTIMEDIA DISPLAY** **DVD VIDEO** **H.264** **MirrorLink** **MIXTRAX** **Smartphone Compatible** **Made for iPod iPhone**

*1. 6.2-inch display: AVH-X2750BT.

7.0W/6.2W* **VGA** **AV** **MULTIMEDIA DISPLAY** **DVD VIDEO** **H.264** **MirrorLink** **MIXTRAX** **AppRadio Mode** **Smartphone Compatible** **Made for iPod iPhone**

*1. 6.2-inch display: AVH-X1750DVD.

Key Selling Points

Point 1 Pages 14-16 **Experience the ultimate in smartphone connectivity with AppRadio Mode USB and MirrorLink™ compatibility.**

Made for iPod iPhone

Point 2 Page 17 **Enjoy superior in-car AV Performance with 13-Band Graphic EQ, Auto Time Alignment* and Auto EQ*.** * CD-MC20 Required.

Made for iPod iPhone

Point 3 Page 18 **Non-Stop Mix Play makes it quick and easy to enjoy simple, seamless music sequencing. Display Visualizer provides for cool visuals that suitably enhance the mood in your car cabin.**

Common Main Features (Blue text: upgraded features from AVH-275BT)

- MIXTRAX (MIXTRAX EZ for Quick Non-Stop MIX Play)
- Multi-Language Display* (Menu/ID3 Tag)
- Color Customization (5-Display Colors and 112-Key Colors)
- AppRadio Mode USB for iPod/iPhone & Certain Android Phones
- App Mode
- Built-in MirrorLink™
- USB Port (Rear: High Current 1A Handling Capability)
- AUX Input (Audio/Video)
- RGB Input
- DVD/CD Player with DVD Video Playback
- H.264/MKV/MPEG-4/MP3/WMA/iTunes® AAC/WAV Playback from USB Device
- DivX/MPEG-1, -2, -4/MP3/WMA/iTunes AAC Playback from CD/DVD
- Advanced Sound Retriever
- MOSFET 50 W x 4
- Hi-Volt Preouts x 3 (4 V)
- 13-Band Graphic EQ
- Auto EQ & Auto Time Alignment (CD-MC20 Required)
- Pioneer TV Tuner Ready (GEX-1550DTV for RD Model/GEX-1550TV for RC and RI Models)*
- JPEG Slide Show
- Back-Up Camera Ready
- Wired Remote Input
- Display Off Mode
- RDS

* See page 19 for more details.

iPod/iPhone Compatibility

Made for
iPhone 5s, iPhone 5c, iPhone 5 (AppRadio Mode USB Compatible)
iPhone 4S
iPhone 4
iPhone 3GS
iPhone 3G
iPhone
iPod touch (1st, 2nd, 3rd, 4th, and 5th generation)
iPod classic
iPod with video
iPod nano (1st, 2nd, 3rd, 4th, 5th, 6th, and 7th generation)

Notes: Receiver may not operate other iPod or iPhone models. Compatibility with unit and operations may vary depending on the software version. See page 92 for more details.

AVH-X5750BT Main Features (Blue text: upgraded features from AVH-X4750DVD)

- 7" WVGA Touch Panel Display with LED Backlight
- Direct Control for iPod/iPhone (USB/Bluetooth)
- Direct Control for Certain Android Phones (USB/Bluetooth)
- Built-in Bluetooth® Wireless Technology (Hands-Free Calling/Wireless Audio)
- Siri Eyes Free Compatible
- SR Air

AVH-X4750DVD Main Features (Blue text: upgraded features from AVH-X2750BT)

- 7" WVGA Touch Panel Display with LED Backlight
- Direct Control for iPod/iPhone (USB)
- Direct Control for Certain Android Phones (USB)

AVH-X2750BT Main Features (Blue text: upgraded features from AVH-X1750DVD)

- 6.2" WVGA Touch Panel Display with LED Backlight
- Direct Control for iPod/iPhone (USB/Bluetooth)
- Direct Control for Certain Android Phones (USB/Bluetooth)
- Built-in Bluetooth Wireless Technology (Hands-Free Calling/Wireless Audio)
- Siri Eyes Free Compatible
- SR Air

AVH-X1750DVD Main Features (Blue text: upgraded features from AVH-275BT)

- 6.2" WVGA Touch Panel Display with LED Backlight
- Direct Control for iPod/iPhone (USB)
- Direct Control for Certain Android Phones (USB)

See pages 88 and 89 for accessories.

AVH-X7750BT NEW

In-Dash 1-DIN DVD Multimedia AV Receiver with 7" WVGA Touchscreen Display, MIXTRAX, Built-in Bluetooth®, and Direct Control for iPod/iPhone and Certain Android Phones

AVH-X6750DVD NEW

In-Dash 1-DIN DVD Multimedia AV Receiver with 7" WVGA Touchscreen Display, MIXTRAX, and Direct Control for iPod/iPhone and Certain Android Phones



7.0W VEGA LED MULTILANGUAGE DISPLAY DVD VIDEO H.264 MP3 MirrorLink MIXTRAX Bluetooth AppRadio MODE Made for iPod iPhone Smartphone Compatible

Note: "Bluetooth Wireless Technology" and "Siri Eyes Free" for AVH-X7750BT.

Key Selling Points

- Point 1** Pages 14-16: Experience the ultimate in smartphone connectivity with AppRadio Mode USB and MirrorLink™ compatibility.
- Point 2** Page 17: Enjoy superior in-car AV Performance with 13-Band Graphic EQ, Auto Time Alignment* and Auto EQ*. *CD-MC20 Required.
- Point 3** Page 18: Non-Stop Mix Play makes it quick and easy to enjoy simple, seamless music sequencing. Display Visualizer provides for cool visuals that suitably enhance the mood in your car cabin.

Common Main Features (Blue text: upgraded features from AVH-3750DVD)

- MIXTRAX (MIXTRAX EZ for Quick Non-Stop MIX Play)
- 7" WVGA Touch Panel Display with LED Backlight
- Multi-Language Display* (Menu/ID3 Tag)
- Color Customization (5-Display Colors and 112-Key Colors)
- AppRadio Mode USB for iPod/iPhone & Certain Android Phones
- App Mode
- Built-in MirrorLink™
- USB Port (Rear: High Current 1 A Handling Capability)
- AUX Input (Audio/Video)
- RGB Input
- DVD/CD Player with DVD Video Playback
- H.264/MKV/MPEG-4/MP3/WMA/iTunes® AAC/WAV Playback from USB Device
- DivX/MPEG-1, -2, -4/MP3/WMA/iTunes AAC Playback from CD/DVD
- Advanced Sound Retriever
- MOSFET 50 W x 4
- Hi-Volt RCA Preouts x 3 (4 V)
- 13-Band Graphic EQ
- Auto EQ & Auto Time Alignment (CD-MC20 Required)
- Pioneer TV Tuner Ready (GEX-1550DTV for RD Model/GEX-1550TV for RC and RI Models)*
- JPEG Slide Show
- Back-Up Camera Ready
- Rotary Volume Control
- Detachable Face Security™
- Wired Remote Input
- Display Off Mode
- RDS

* See page 19 for more details.

AVH-X7750BT Main Features

(Blue text: upgraded features from AVH-X6750DVD)

- Direct Control for iPod/iPhone (USB/Bluetooth)
- Direct Control for Certain Android Phones (USB/Bluetooth)
- Built-in Bluetooth Wireless Technology (Hands-Free Calling/Wireless Audio)
- Siri Eyes Free Compatible
- SR Air

AVH-X6750DVD Main Features

(Blue text: upgraded features from AVH-3750DVD)

- Direct Control for iPod/iPhone (USB)
- Direct Control for Certain Android Phones (USB)

See pages 88 and 89 for accessories.

iPod/iPhone Compatibility

Made for
iPhone 5s, iPhone 5c, iPhone 5 (AppRadio Mode USB Compatible)
iPhone 4S
iPhone 4
iPhone 3GS
iPhone 3G
iPhone
iPod touch (1st, 2nd, 3rd, 4th, and 5th generation)
iPod classic
iPod with video
iPod nano (1st, 2nd, 3rd, 4th, 5th, 6th, and 7th generation)

Notes: Receiver may not operate other iPod or iPhone models. Compatibility with unit and operations may vary depending on the software version. See page 92 for more details.

AVH-3750DVD NEW

In-Dash 1-DIN DVD Multimedia AV Receiver with 7" WVGA Touchscreen Display, and Front USB Port



Main Features

- 7" WVGA Touch Panel Display with LED Backlight
 - Multi-Language Display (Menu/ID3 Tag) (English/Spanish/Portuguese/Russian)
 - USB Port (Front)
 - Front AUX Input (Audio/Video)
 - DVD/CD Player with DVD Video Playback
 - DivX®/MPEG-1, -2, -4/MP3/WMA/iTunes® AAC Playback from USB Device
 - DivX/MPEG-1, -2, -4/MP3/WMA/iTunes AAC Playback from CD/DVD
 - MOSFET 50 W x 4
 - RCA Preouts x 3 (2 V)
 - 3-Band Graphic EQ (Bass/Mid/Treble)
 - JPEG Slide Show
 - Back-Up Camera Ready
 - Rotary Volume Control
 - Wired Remote Input
 - Display Off Mode
- See pages 88 and 89 for accessories.

7.0W VEGA LED MULTILANGUAGE DISPLAY DVD VIDEO H.264 MP3 WMA AAC DIVX DOLBY DIGITAL USB AUX IN RCA PREOUTS BUILT-IN REMOTE (RPT) MOSFET 50Wx4 Back Up Camera Ready

AVH-275BT NEW

In-Dash Double-DIN DVD Multimedia AV Receiver with 6.2" WVGA Touchscreen Display, Built-in Bluetooth®, and Direct Control for iPod/iPhone



Main Features

- 6.2" WVGA Touch Panel Display with LED Backlight
 - Multi-Language Display (Menu/ID3 Tag)
 - Direct Control for iPod/iPhone (USB)
 - Built-in Bluetooth Wireless Technology (Hands-Free Calling/Wireless Audio)
 - USB Port (Rear: High Current 1A Handling Capability)
 - AUX Input (Audio/Video)
 - DVD/CD Player with DVD Video Playback
 - DivX/MPEG-1, -2, -4/MP3/WMA/iTunes AAC/WAV Playback from USB Device
 - DivX/MPEG-1, -2, -4/MP3/WMA/iTunes AAC/WAV Playback from CD/DVD
 - MOSFET 50 W x 4
 - RCA Preouts x 2 (2 V)
 - 5-Band Graphic EQ
 - JPEG Slide Show
 - Back-Up Camera Ready
 - Wired Remote Input
 - Display Off Mode
 - RDS
- See pages 88 and 89 for accessories.

RC/RI: Remote control unit included. RD: Remote control unit is optional.

6.2W VEGA LED MULTILANGUAGE DISPLAY DVD VIDEO H.264 MP3 WMA AAC DIVX Bluetooth Made for iPod iPhone Smartphone Compatible MirrorLink

AVH-175DVD NEW

In-Dash Double-DIN DVD Multimedia AV Receiver with 6.2" WVGA Touchscreen Display, and Direct Control for iPod/iPhone



Main Features

- 6.2" WVGA Touch Panel Display with LED Backlight
 - Multi-Language Display (Menu/ID3 Tag)
 - Direct Control for iPod/iPhone (USB)
 - USB Port (Rear: High Current 1A Handling Capability)
 - AUX Input (Audio/Video)
 - DVD/CD Player with DVD Video Playback
 - DivX/MPEG-1, -2, -4/MP3/WMA/iTunes AAC/WAV Playback from USB Device
 - DivX/MPEG-1, -2, -4/MP3/WMA/iTunes AAC/WAV Playback from CD/DVD
 - MOSFET 50 W x 4
 - RCA Preouts x 2 (2 V)
 - 5-Band Graphic EQ
 - JPEG Slide Show
 - Back-Up Camera Ready
 - Wired Remote Input
 - Display Off Mode
 - RDS
- See pages 88 and 89 for accessories.

RC/RI: Remote control unit included. RD: Remote control unit is optional.

6.2W VEGA LED MULTILANGUAGE DISPLAY DVD VIDEO H.264 MP3 WMA AAC DIVX DOLBY DIGITAL USB AUX IN RCA PREOUTS BUILT-IN REMOTE (RPT) MOSFET 50Wx4 Back Up Camera Ready Made for iPod iPhone

AppRadio Mode

AVH-X8650BT AVH-X5750BT AVH-X4750DVD AVH-X2750BT AVH-X1750DVD AVH-X7750BT AVH-X6750DVD



A Revolutionary Way to Use Apps in the Car

AppRadio Mode* revolutionizes the driver's smartphone experience by bringing compatible iPhone 5s, iPhone 5c, iPhone 5, iPhone 4S**, iPhone 4**, 5th generation iPod touch, 4th** generation iPod touch, or Android*** apps to your dash.

*AppRadio Mode USB: Compatible with AVH-X5750BT, AVH-X4750DVD, AVH-X2750BT, AVH-X1750DVD, AVH-X7750BT and AVH-X6750DVD. ** Compatible with AVH-X8650BT. *** Not all Android phones are compatible.



How to Use AppRadio Mode

AppRadio Mode (iPhone connectivity example shown)



Side Control Bar

AVH-X8650BT
NEW AVH-X5750BT AVH-X4750DVD AVH-X2750BT AVH-X1750DVD AVH-X7750BT AVH-X6750DVD

Press the Home button twice, and the Side Control Bar goes on display for easy access to the Phone Menu and other Sources.



AppRadio Mode USB

With connection simplified, worries about selecting the appropriate cable and the corresponding clutter of cables around the center console disappear.



Easy Connection

AppRadio MODE

AppRadioLIVE NEW

AppRadioLIVE

AppRadioLIVE App, which is one of the apps that is compatible with AppRadio Mode, gives you access to all elements of your digital lifestyle in one place. Connect your compatible smartphone to a receiver with AppRadio Mode to listen to your favorite music, check the weather, find nearby events and more. AppRadioLIVE delivers fresh content from many popular apps without the need to search and open them individually.

MAPS

AppRadioLIVE uses the native maps from your smartphone overlaid with INRIX® live traffic data to provide live traffic and incident information to give you an estimated time of arrival at your chosen destination.



EVENTS

Pioneer keeps you up-to-date on the latest news stories, RSS feeds and weather information with Feedly® and Open Weather Map.



MEDIA

By putting your favorite music and media in one place, AppRadioLIVE simplifies your drive.



CALENDAR

AppRadioLIVE keeps your life organized and makes it easier to stay in touch and have fun.



Note: Apps compatible with AppRadioLIVE may differ according to region.

Apple CarPlay NEW

AVH-X8650BT



Now you can experience Apple CarPlay, the best way to use your iPhone in a vehicle. You can make calls, get directions, listen to your iTunes® library and use Apple CarPlay compatible apps. With Pioneer and Apple CarPlay, you have access to your iPhone's best features in the car you already own.

Built-in Bluetooth®

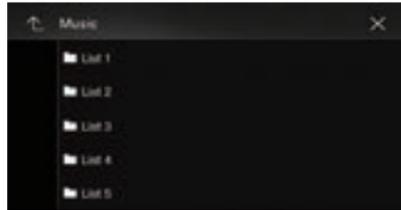
AVH-X8650BT AVH-X5750BT AVH-X2750BT AVH-X7750BT AVH-275BT

Bluetooth Wireless Technology makes hands-free operation comfortable and safe while driving.

AVRCP Version 1.4

AVH-X8650BT AVH-X5750BT AVH-X2750BT AVH-X7750BT

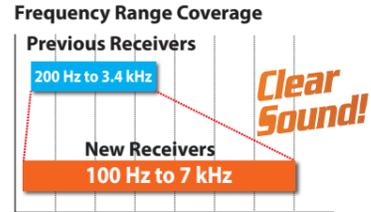
File Browsing can be used through AVRCP 1.4 version of Bluetooth. You can easily search songs in the browsing display.



HFP Version 1.6

AVH-X8650BT AVH-X5750BT AVH-X2750BT AVH-X7750BT

You can talk with much clearer voice via spread twice band width.



Siri Eyes Free* Compatible

AVH-X8650BT AVH-X5750BT AVH-X2750BT AVH-X7750BT

Smart voice control lets users access various iPhone functions to select music, make calls from a contact list, etc., without taking their eyes off the road.

*Siri is available on iPhone 5s, iPhone 5c, iPhone 5, iPhone 4S, iPod touch (5th generation) and requires Internet access. Siri may not be available in all languages or in all areas, and features may vary by area. Cellular data charges may apply.



Built-in MirrorLink™

AVH-X8650BT
NEW AVH-X5750BT AVH-X4750DVD AVH-X2750BT AVH-X1750DVD AVH-X7750BT AVH-X6750DVD

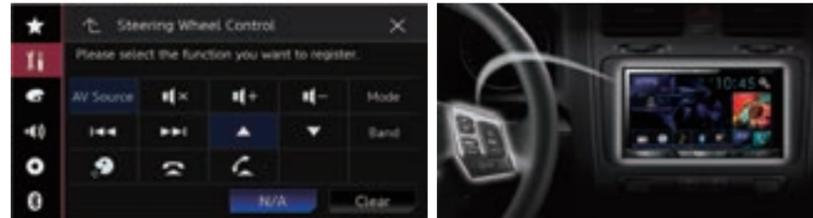
Use an interface cable to connect the receiver and a compatible MirrorLink™ certified smartphone. Then, you can directly control and access music, maps, and contacts stored on the smartphone via the receiver's touchscreen.



Learning Steering Wheel Control

All Receivers

You can now assign certain functions of the receiver to control buttons on the steering wheel.



Dual USB Ports

AVH-X8650BT

More connectivity adds more convenience and utility. For example, you can listen to music from a USB device while charging your smartphone.



Direct Control for Certain Android Phones (MTP Mode)

All Receivers (Except AVH-X8650BT, AVH-275BT, AVH-175DVD and AVH-3750DVD)

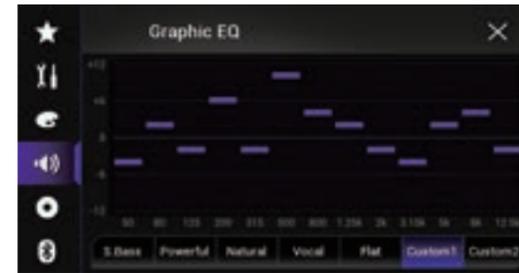
Take advantage of a wired USB connection to the receiver. Sound stays clean and clear, file search and access are very quick, and song, artist, time and album displays are user-friendly.



13-Band Graphic EQ

AVH-X8650BT
NEW AVH-X5750BT AVH-X4750DVD AVH-X2750BT AVH-X1750DVD
AVH-X7750BT AVH-X6750DVD

With the unique Advanced Touch Slide Operation, you simply drag your finger across the screen to change the EQ curve and audio characteristics. 13-band EQ adjustment allows you to fine-tune sound quality just as you like it.



Touch Slide Crossover Setting

AVH-X8650BT
NEW AVH-X5750BT AVH-X4750DVD AVH-X2750BT AVH-X1750DVD
AVH-X7750BT AVH-X6750DVD

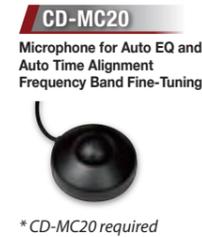
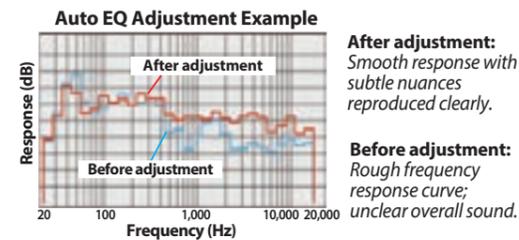
It's intuitively easy to operate and set system tuning by dragging and tapping your finger.



Auto EQ*

AVH-X8650BT AVH-X5750BT AVH-X4750DVD AVH-X2750BT AVH-X1750DVD
AVH-X7750BT AVH-X6750DVD

It can be difficult to reproduce music accurately in a vehicle due to factory speaker locations and interior materials. These limitations can lead to sound phase distortion, as well as sound reflection against glass and absorption by the dashboard and seats. Auto EQ uses a microphone to monitor and analyze the vehicle acoustics, then automatically fine-tunes all frequencies and also applies digital parametric equalization to the front and rear speakers — producing a smoother sounding musical experience.

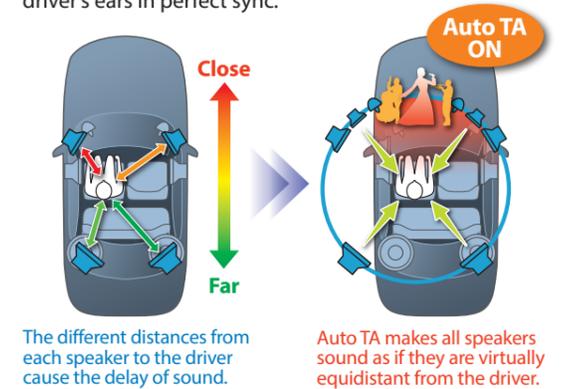


*CD-MC20 required

Auto Time Alignment*

AVH-X8650BT
NEW AVH-X5750BT AVH-X4750DVD AVH-X2750BT AVH-X1750DVD
AVH-X7750BT AVH-X6750DVD

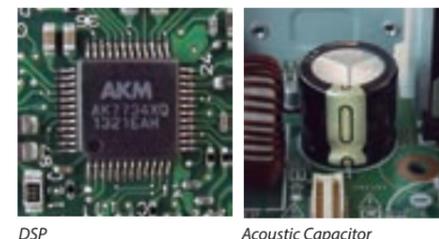
Time Alignment automatically estimates the delay from each speaker to driver's position and adjusts speaker output timing, so that sound from all speakers reaches the driver's ears in perfect sync.



Specialized Audio Parts

AVH-X8650BT

The AVH-X8650BT features specialized audio components such as a DSP and high-tolerance acoustic capacitors in order to reinforce Pioneer's dedication to high quality audio.



DSP

Acoustic Capacitor

Advanced Sound Retriever

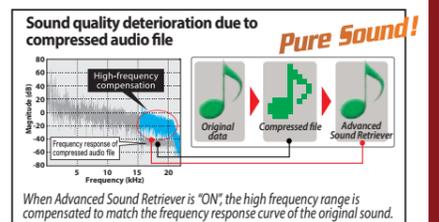
AVH-X8650BT AVH-X5750BT AVH-X4750DVD AVH-X2750BT AVH-X1750DVD AVH-X7750BT AVH-X6750DVD

Hear more detail, warmth and clarity that the artist originally wanted you to hear from MP3, WMA and AAC files stored on your CD, USB Device, SD/SDHC Memory Card, iPod/iPhone, Android phone and portable media players. Pioneer's Advanced Sound Retriever technology benefits audio reproduction performance by enhancing data (especially high-frequency data) that tends to get lost in the digital compression process.

SR Air*

SR Air also improves the sound of Bluetooth® wireless audio streams.

*Compatible with AVH-X8650BT, AVH-X5750BT, AVH-X2750BT and AVH-X7750BT.



MIXTRAX

MIXTRAX

Innovative Pioneer technology that creates a Non-Stop MIX with a range of DJ-inspired effects.

How MIXTRAX Works



MIXTRAX, MIXTRAX App, and MIXTRAX EZ Comparison

	Advantage	MIXTRAX Software	Compatible Source
MIXTRAX	Full-featured Non-Stop Mix Play*1	Compatible	USB Device SD Memory Card
MIXTRAX App	Quick and Easy, Non-Stop Mix Play	**2	iPhone, iPod touch Android Phone
MIXTRAX EZ	Quick and Easy, Non-Stop Mix Play	—	USB Device iPod, iPhone

*1. Requires music analysis by MIXTRAX Software from Pioneer (free download).
*2. Creates playlists using data from the MIXTRAX cloud server.

MIXTRAX
AVH-X8650BT
AV Receiver Analysis
The AVH-X8650BT is able to analyze the music, so you can enjoy Non-Stop MIX Play simply by connecting a USB Device or SD Memory Card containing music that has not been analyzed.
PC Analysis
You can analyze music on a PC, then put the analyzed music data on a USB Device or SD Memory Card. The AVH-X8650BT allows you to listen it with MIXTRAX function.

MIXTRAX App*
AVH-X8650BT AVH-X5750BT AVH-X4750DVD AVH-X2750BT
AVH-X1750DVD AVH-X7750BT AVH-X6750DVD
You can use an iPhone, iPod touch or Android on which the MIXTRAX app is installed, to access analyzed music data on the MIXTRAX server. Then, you can enjoy music with MIXTRAX function via AppRadio Mode.
*Some models are not yet compatible with MIXTRAX App, so please refer to the Pioneer website for the latest relevant information.

MIXTRAX EZ
AVH-X5750BT AVH-X4750DVD AVH-X2750BT
AVH-X1750DVD AVH-X7750BT AVH-X6750DVD
Experience your music as a simple quick non-stop mix. Tracks are joined by various random sound effects and you can experience the intimate euphoria of listening to music that sounds as if a club DJ is there playing it.

MIXTRAX
MIX Style
Select among three mixing styles of different track time durations and effects in preset three steps.
Standard Style (About 2 minutes) Simple Style (About 4 minutes) Active Style (About 1 minute)
Link Gate
Automatically create a new MIX playlist based on the Artist, Genre, Tempo, or Year of the currently playing song. Now it's even easier to enjoy a Non-Stop MIX that matches your taste.
Display Visualizer
The Display Visualizer provides for cool ambient visuals that enhance the in-car mood. Three shining spheres change their speed and movement based on the music in your Non-Stop MIX.
BPM Slider Bar
Change the beats per minute (BPM) of the currently playing music by sliding up or down along the bar.

MIXTRAX EZ
Short Playback Mode
You can choose a length of playback (60, 90, 120, 150, 180 sec., random, or off) to shorten track selections and speed up switching to following tracks in the mix.
60", 90", 120", 150", 180", Random, Off
Song 1 Song 2 Song 3 Song 4
* Orange portions indicate playback of each track.
Selectable Sound Effect
Select the desired special sound effects using the setting menu.
Display Visualizer
Enjoy club illumination-style visual effects that match set background colors.

Advanced User Interface

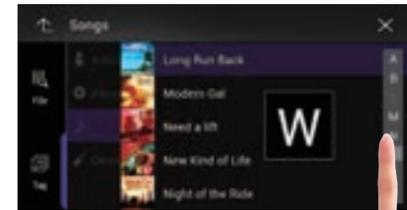
- AVH-X8650BT
- NEW AVH-X5750BT AVH-X4750DVD AVH-X2750BT AVH-X1750DVD AVH-X7750BT AVH-X6750DVD

More advanced than ever before, the Multimedia AV receiver features a responsive, powerful and intuitive touchscreen user interface that is easy to use and highly customizable.

- Seamless Access**
Home Menu Display
Just tap the icon on the Home Menu for quick access to the currently playing source, Bluetooth® or AppRadio Mode.
- Quick and Easy Operation**
Song List
Operation is intuitive, as with a smartphone, using such touch gestures as a flick to quickly scroll a list.
- Advanced Customization**
Source Menu Display
Simply drag and drop to change and customize Source Menu order.



AVH-X5750BT Display



AVH-X8650BT Display



AVH-X5750BT Display

Color Customization

- AVH-X8650BT AVH-X5750BT AVH-X4750DVD AVH-X2750BT AVH-X1750DVD AVH-X7750BT AVH-X6750DVD

Select among five (Blue/Red/Amber/Green/White) colors for the display and 112 different colors to match unit illumination to the dash.



Brilliant!

Detachable Face Security™

AVH-X8650BT AVH-X7750BT AVH-X6750DVD
The extra-thin face panel* of the AVH-X8650BT is easy to remove and carry out of the car to deter theft.
* Carrying case is included in the box.



Dual Zone Audio/Video

AVH-X8650BT
Pioneer's AVH-X8650BT allows rear seat passenger to enjoy audio or video content on additional rear seat monitors and headphones, even while the front passenger and driver listen to audio from other sources.

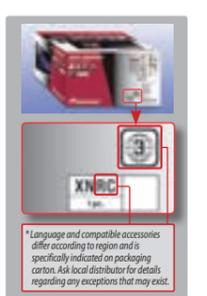


Pioneer TV Tuner Accessory

All Receivers (Except AVH-275BT, AVH-175DVD and AVH-3750DVD)
GEX-1550DTV and GEX-1550TV TV tuner can be operated via receiver touch panel displays.
GEX-1550DTV (RD)
Digital TV Tuner
• Compatible broadcasting system*: ISDB-T
GEX-1550TV (RC, RI)
Analog TV Tuner
• Compatible broadcasting systems*: PAL/SECAM/NTSC
*The ISDB-T digital and PAL/SECAM/NTSC analog TV broadcasting systems are not compatible with all regions.

Multi-Language Display

All Receivers
New Pioneer Multimedia AV receiver features Multi-Language Display of Menu and ID3 tag text.
Asia
English/Thai/Chinese (Simplified)/Chinese (Traditional)/Bahasa Indonesia (3) RC*
Central America/Latin America/Oceania
English/French**/Spanish/Portuguese **AVH-X8650BT only (4) RD*
Middle East Asia
English/French/Portuguese/German/Dutch/Russian/Arabic/Persian/Hebrew (2) RI*
Note: AVH-3750DVD — English/Spanish/Portuguese/Russian



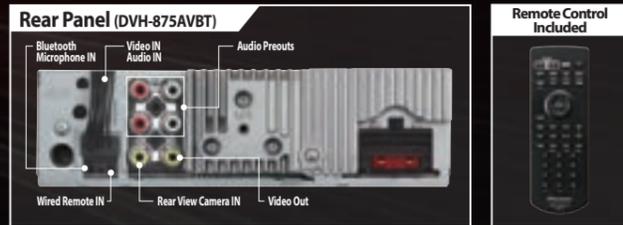
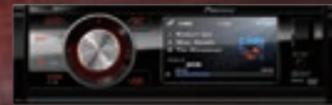
*Language and compatible accessories differ according to region and is specifically indicated on packaging carton. Ask local distributor for details regarding any exceptions that may exist.

DVH-875AVBT NEW

DVD Receiver with 3.5" Color TFT Display, Built-in Bluetooth®, Front USB Port, and Front AUX-In

DVH-775AV NEW

DVD Receiver with 3" Color TFT Display, Front USB Port, and Front AUX-In



Note: "Control for Android Phones with CarMediaPlayer App", and "Bluetooth Wireless Technology" for DVH-875AVBT
*1. 3.0-inch display: DVH-775AV *2. DVH-875AVBT

Key Selling Points

Point 1

- Pioneer audio receivers are compatible with certain Android phones. (DVH-875AVBT)
- Bluetooth Wireless Technology enables hands-free calling. Enjoy wireless audio control and streaming. (DVH-875AVBT)



Point 2

- Large built-in 3.5" (DVH-875AVBT) and 3" (DVH-775AV) color TFT displays provide excellent visibility and operability. **3.5W/3.0W**

Point 3

- In-car playback of DivX highly compressed digital video files from DVD and USB device. **DIVX DVD VIDEO USB**

Common Main Features (Blue text: upgraded features from DVH-345UB)

- Multi-Language Display (Menu/ID3 Tag)
- USB Port (Front)
- Front/Rear AUX Inputs (Audio/Video)
- DVD/CD Player with DVD Video Playback
- DivX®/MPEG-1, -2, -4/MP3/WMA Playback from USB Device
- DivX/MPEG-1, -2, -4/MP3/WMA Playback from CD/DVD
- MOSFET 50W x 4
- 3-Band Equalizer (Bass/Mid/Treble)
- JPEG Slide Show
- Back-Up Camera Ready
- Rotary Volume Control
- Detachable Face Security™
- Wired Remote Input
- Display Off Mode

DVH-875AVBT Main Features (Blue text: upgraded features from DVH-775AV)

- 3.5" Color TFT Display with LED Backlight
- Dual Color (Red/Blue)
- Direct Control for Certain Android Phones (Bluetooth)
- Control for Android Phones with CarMediaPlayer App
- Built-in Bluetooth Wireless Technology (Hands-Free Calling/Wireless Audio)
- Hi-Volt Preouts x 2 (4V)

DVH-775AV Main Features (Blue text: upgraded features from DVH-345UB)

- 3" Color TFT Display with LED Backlight
- RCA Preouts x 2 (2V)

See pages 88 and 89 for accessories.

Point 1

Convenient, Easy Bluetooth® Wireless Functions

DVH-875AVBT

- Hands-free calling (HFP) for safe driving
- Wireless Audio Streaming/Control (A2DP)



Control for Android Phones with CarMediaPlayer App

DVH-875AVBT

Extend your choices in car entertainment by connecting a compatible Android phone to the audio receiver to control CarMediaPlayer.



Point 2

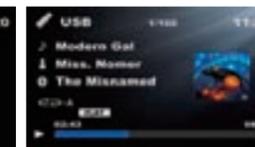
Large Full Color TFT Display

- The DVH-875AVBT and DVH-775AV include a built-in full color TFT display with excellent visibility and comfortable functionality operable with a range of information.
- Having a display built into the front panel makes it easy to enjoy video.

3.5W/3.0W



Audio Setting

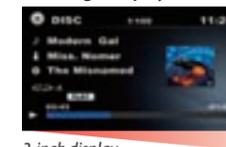


USB Playback

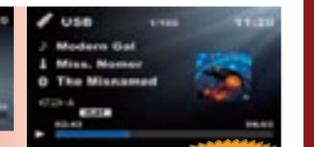


Video Playback

3.5" Large Display (DVH-875AVBT)



3-inch display



3.5-inch display

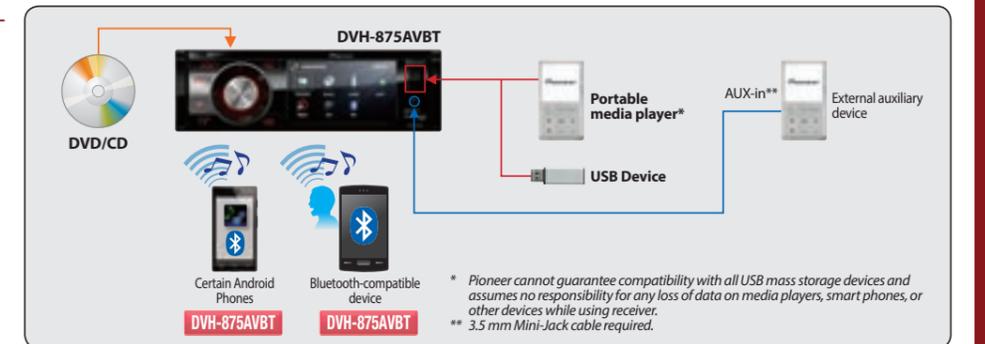


Point 3

Versatile Connectivity

Versatile Multimedia Playback

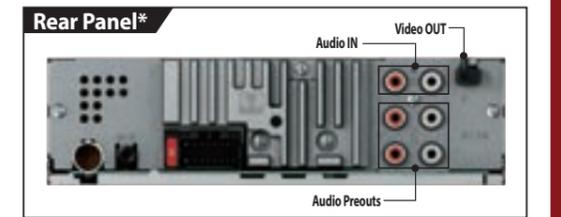
DivX playback from DVD and USB Devices



* Pioneer cannot guarantee compatibility with all USB mass storage devices and assumes no responsibility for any loss of data on media players, smart phones, or other devices while using receiver.
** 3.5 mm Mini-Jack cable required.

DVH-345UB

DVD Receiver with Front USB Port, and Front AUX-In



* Rear panel configuration may vary depending on area.



Main Features

- LCD Display with LED Backlight (10-Character)
- USB Port (Front)
- Front AUX Input (Audio)
- DVD/CD Player with DVD Video Playback
- DivX®/MPEG-1, -2, -4/MP3/WMA/iTunes® AAC/WAV Playback from USB Device
- DivX/MPEG-1, -2, -4/MP3/WMA/iTunes AAC Playback from CD/DVD
- Advanced Sound Retriever
- MOSFET 50W x 4
- RCA Preouts x 2 (2V)
- 3-Band Equalizer (Bass/Mid/Treble)
- Rotary Volume Control
- Detachable Face Security™
- Wired Remote Input
- RDS

See pages 88 and 89 for accessories.



KEY FEATURES STEP-UP COMPARISON CHART

	Display	Preout	CD Player	Audio Format	AUX Input (Mini-Jack)	USB Interface ¹	USB Direct Control for iPod/iPhone ³	USB Direct Control for Certain Android Phones ⁴	SD/SDHC Memory Card Slot	Bluetooth ⁵	MIXTRAX ⁶ Flashing Color	Music Browser	Color Customization	Advanced Sound Retriever	Page Number
DEX-P99RS	Full Dot OEL 3-Line	4 (5V)	•	MP3 WMA AAC WAV	Front	Rear	•			With CD-BTB200	•	•	• ⁷	•	24
DEH-80PRS	Full Dot LCD 3-Line	3 (5V)	•	MP3 WMA AAC WAV	Front	Rear x 2	•	•			•	•	• ⁸	•	26
DEH-9450UB	Full Dot LCD 3-Line	3 (4V)	•	MP3 WMA AAC WAV	Rear	Rear x 2	•				•	•	• ⁸	•	29
DEH-X9650BT	Full Dot LCD 3-Line	3 (4V)	•	MP3 WMA AAC WAV	Front	Rear x 2	•	•		HFP A2DP AVRCP SPP	•	•	• ⁸	• ⁹	30
DEH-X9650SD	Full Dot LCD 3-Line	3 (4V)	•	MP3 WMA AAC WAV	Front	Rear x 2	•	•			•	•	• ⁸	•	30
DEH-X8750BT	Full Dot LCD 3-Line	3 (4V)	•	MP3 WMA AAC WAV	Rear	Rear	•			HFP A2DP AVRCP SPP	•	•	• ⁸	• ⁹	31
DEH-X7750UI	Full Dot LCD 3-Line	3 (4V)	•	MP3 WMA AAC WAV	Rear	Rear	•				•	•	• ⁸	•	31
DEH-X6750BT	VA LCD 2-Line (13x1+Sub)	2	•	MP3 WMA WAV	Front	Front ²	•	•		HFP A2DP AVRCP SPP	•	•	• ⁸	• ⁹	32
DEH-X3750UI	VA LCD 2-Line (13x1+Sub)	2	•	MP3 WMA WAV	Front	Front ²	•	•			•	•	• ⁸	•	32
DEH-X4750BT	VA LCD (12x1)	2	•	MP3 WMA WAV	Front	Front ²	•	•		HFP A2DP AVRCP SPP	•	•	• ⁸	• ⁹	33
DEH-X2750UI	VA LCD (12x1)	2	•	MP3 WMA WAV	Front	Front ²	•	•			•	•	• ⁸	•	33
DEH-X1750UB DEH-X1750UBG	VA LCD (12x1)	1	•	MP3 WMA WAV	Front	Front ²	•	•			•	•	• ⁸	•	33
DEH-155MP DEH-155MPG	LCD (12x1)	1	•	MP3 WMA WAV	Front								• ⁸	•	45
MVH-X565BT	VA LCD 2-Line (13x1+Sub)	3	•	MP3 WMA WAV	Rear	Rear	•	•		HFP A2DP AVRCP SPP	•	•	• ⁸	• ⁹	34

	Display	Preout	CD Player	Audio Format	AUX Input (Mini-Jack)	USB Interface ¹	USB Direct Control for iPod/iPhone ³	USB Direct Control for Certain Android Phones ⁴	SD/SDHC Memory Card Slot	Bluetooth ⁵	MIXTRAX ⁶ Flashing Color	Music Browser	Color Customization	Advanced Sound Retriever	Page Number
MVH-X465UI	VA LCD 2-Line (13x1+Sub)	2	•	MP3 WMA WAV	Rear	Rear	•	•			•	•	• ⁸	•	34
MVH-X375BT	VA LCD (12x1)	1	•	MP3 WMA WAV	Front	Front ²	•	•		HFP A2DP AVRCP SPP	•	•	• ⁸	• ⁹	35
MVH-X175UI	VA LCD (12x1)	1	•	MP3 WMA WAV	Front	Front ²	•	•			•	•	• ⁸	•	35
FH-XL755BT	VA LCD 2-Line (13x1+Sub)	2	•	MP3 WMA WAV	Front	Front ²	•	•		HFP A2DP AVRCP	•	•	• ⁸	• ⁹	36
FH-XL555UI	VA LCD 2-Line (13x1+Sub)	2	•	MP3 WMA WAV	Front	Front ²	•	•			•	•	• ⁸	•	36
FH-X775BT	VA LCD 2-Line (13x1+Sub)	2	•	MP3 WMA WAV	Front	Front ²	•	•		HFP A2DP AVRCP SPP	•	•	• ⁸	• ⁹	37
FH-X575UI	VA LCD 2-Line (13x1+Sub)	2	•	MP3 WMA WAV	Front	Front ²	•	•			•	•	• ⁸	•	37
FH-X365UB	LCD (12x1)	1	•	MP3 WMA WAV	Front	Front ²					•	•	• ⁸	•	37
DXT-X1769UB DXT-X176UB	VA LCD (12x1)	1	•	MP3 WMA WAV	Front	Front ²		•			•	•	• ⁸	•	38
MXT-X376BT	VA LCD (12x1)	1	•	MP3 WMA WAV	Front	Front ²	•	•		HFP A2DP AVRCP SPP	•	•	• ⁸	• ⁹	39
MXT-X176UI	VA LCD (12x1)	1	•	MP3 WMA WAV	Front	Front ²	•	•			•	•	• ⁸	•	39

For Flashing Color. For Color Customization.

¹ Pioneer cannot guarantee compatibility with all USB mass storage devices and assumes no responsibility for any loss of data on media players, smart phones, or other devices while using receiver.

² Please use CD-U50E USB extension cable if a direct connection causes a USB device to protrude from the receiver in a way that can interfere with driving.

³ Compatibility with unit depends on iPod generation. Requires use of optional cable.

⁴ Not all Android phones are compatible.

⁵ HFP = Hands-Free Profile, A2DP = Advanced Audio Distribution Profile, AVRCP = Audio/Video Remote Control Profile, SPP = Serial Port Profile. Please refer to instruction manual for other information about profile compatibility.

⁶ Works with music from iPod, SD/SDHC memory card and USB device.

⁷ 125 colors. Key illumination only.

⁸ 210,000 colors (separated). Colors for key illumination and display are separately adjustable.

⁹ Also available for Bluetooth Wireless Audio.

See page 91 for in-depth information on features.

DEX-P99RS

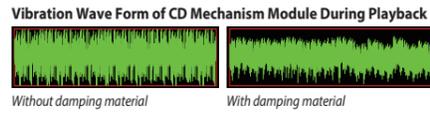
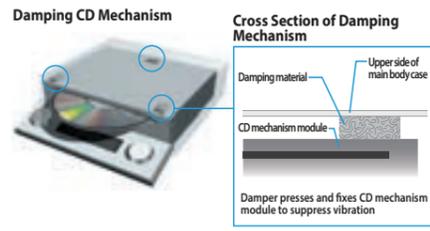
Audio Receiver with Sound Master Clock Circuit, High-Performance DSP, and USB Port with Digital Direct Signal Transmission



Point 1

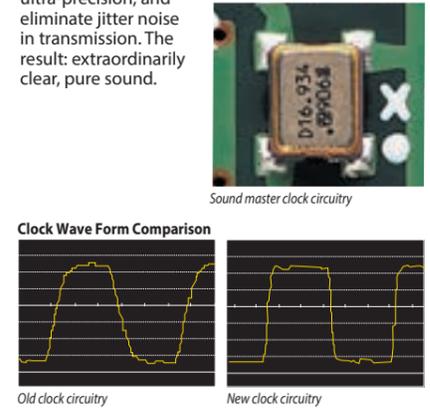
High-Performance Damping Material and Mechanism

To pick up digital signals recorded on CDs with superior precision, new damping mechanism and material firmly press and fix the entire CD mechanism module — effectively absorbing and dispersing vibration caused by CD rotation.



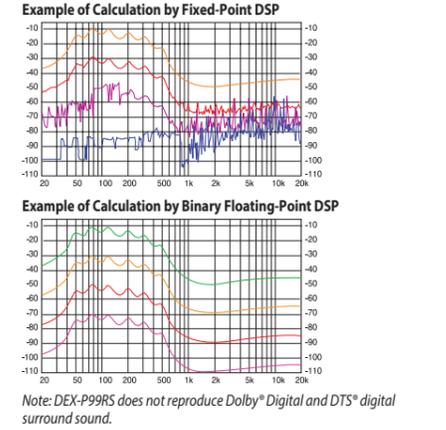
New High-Precision Sound Master Clock Circuitry

The latest integrated circuits require superior clock signal quality to handle digital data accurately without distortion at ever-higher speeds. New Sound Master Clock Circuitry in the DEX-P99RS generates clock waveforms to read and process digital signals with ultra-precision, and eliminate jitter noise in transmission. The result: extraordinarily clear, pure sound.



32-Bit Binary Floating-Point DSP

The DEX-P99RS incorporates 32-Bit Binary Floating-Point DSP for high-precision sound processing and tuning without degrading digital signals from their sources.



MULTI-LANGUAGE DISPLAY
 MP3 WMA AAC AUX IN
 RCA pre-outs
 Hi-VOLT
 Bluetooth® Adapter Ready
 USB
 Made for iPod iPhone
 24bit DA Converter
 DSP
 Rotary Commander
 AUTO FLAP
 WIRED REMOTE INPUT
 SUPER TUNER III
 DETACHABLE FACE SECURITY

Key Selling Points

- Point 1** Devices and materials carefully selected according to the highest standards to achieve the ultimate in sound quality.
- Point 2** L/R Independent 4-Way Crossover, 31-Band L/R Independent EQ and 0.77 cm step Auto Time Alignment help optimize sound field in greater detail.
- Point 3** Built-in USB port allows transmission of digital signals from a connected iPod, iPhone or USB Device to DSP for high-quality sound reproduction.

Main Features (Blue text: upgraded features from DEH-80PRS)

- Full Dot OEL Display (192 x 48 Pixels, 3-Line)
- 125-Color Button Illumination
- Bluetooth® Adapter Ready (CD-BTB200 Required)*
- 7-Way Rotary Commander
- USB Direct Control for iPod/iPhone and USB Devices with Digital Direct Signal Transmission (CD-IU51 Required for iPod/iPhone)
- Sound Master Clock Circuit
- 24-Bit AKM DACs
- Detachable Face Security™
- Display Off Mode
- Door Mute
- Auto EQ and Auto Time Alignment
- Multi-Language Display (English/Spanish/Portuguese)
- Steering Wheel Remote Control
- High-Performance 32-Bit Floating Point DSP
- Detachable Face Security™
- Display Off Mode
- Door Mute

CD-IU51
USB Interface Cable for iPod/iPhone (50 cm)

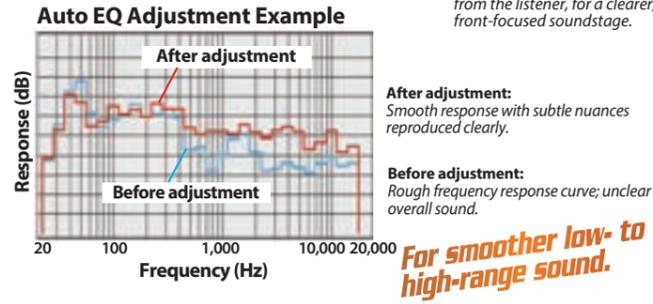
iPod/iPhone Compatibility
Made for iPod iPhone
iPhone 4
iPhone 3GS
iPhone 3G
iPhone
iPod touch (1st, 2nd, 3rd, and 4th generation)
iPod classic
iPod with video
iPod nano (1st, 2nd, 3rd, 4th, 5th, and 6th generation)

Notes: Receiver may not operate other iPod or iPhone models. Compatibility with unit and operations may vary depending on the software version. See page 92 for more details.

Point 2

Auto Time Alignment and Auto EQ

Time alignment automatically estimates the delay from each speaker to driver's position and adjusts speaker sound output timing accordingly by 0.77 cm differences, so that sound from all speakers reaches the driver's ears in perfect sync. Auto EQ tailors specific musical characteristics according to taste, uses a microphone to monitor and analyze acoustics, then automatically fine-tunes all frequency bandwidths and front and rear speaker digital parametric equalization. These entire processes occur in 543 seamless steps in just about 5 minutes.



4-Way Digital Network

To let listeners keep transitions between frequency ranges sounding smooth, the DEX-P99RS features a 4-Way Digital Network that lets you adjust Cutoff Frequency, Cutoff Slope, Level and Phase for any of four (high, mid, low and subwoofer) frequency ranges. Moreover, the adjustments for left and right channels can be made independently of each other. The result: more distinct separation of the four frequency ranges and fuller, more natural sound, with each speaker reaching its full potential as part of a multi-speaker system.

Network	L/R Independent Network	Cutoff Frequency (Hz)	Cutoff Slope	Level	Phase (Normal/Reverse)
High (HPF)	800/1 k/1.25 k/1.6 k/2 k/2.5 k/3.15 k/4 k/5 k/6.3 k/8 k/10 k/12.5 k/16 k	PASS, -6 dB/-12 dB/-18 dB/-24 dB/-30 dB/-36 dB/oct.	0 to -24 dB/MUTE (1 dB step)	○	
Mid (LPF)	25/31.5/40/50/63/80/100/125/160/200/250/315/400/500/630/800/1 k/1.25 k/1.6 k/2 k/2.5 k/3.15 k/4 k/5 k/6.3 k/8 k/10 k/12.5 k/16 k/20 k	PASS, -6 dB/-12 dB/-18 dB/-24 dB/-30 dB/-36 dB/oct.	0 to -24 dB/MUTE (1 dB step)	○	
Mid (HPF)	20/25/31.5/40/50/63/80/100/125/160/200/250/315/400/500/630/800/1 k/1.25 k/1.6 k/2 k/2.5 k/3.15 k/4 k/5 k/6.3 k/8 k/10 k/12.5 k/16 k	PASS, -6 dB/-12 dB/-18 dB/-24 dB/-30 dB/-36 dB/oct.	0 to -24 dB/MUTE (1 dB step)	○	
Low (LPF)	25/31.5/40/50/63/80/100/125/160/200/250/315/400/500/630/800/1 k/1.25 k/1.6 k/2 k/2.5 k/3.15 k/4 k/5 k/6.3 k/8 k/10 k/12.5 k/16 k/20 k	PASS, -6 dB/-12 dB/-18 dB/-24 dB/-30 dB/-36 dB/oct.	+6 to -24 dB/MUTE (1 dB step)	○	
Low (HPF)	20/25/31.5/40/50/63/80/100/125/160/200/250/315/400/500/630/800/1 k/1.25 k/1.6 k/2 k/2.5 k/3.15 k/4 k/5 k/6.3 k/8 k/10 k/12.5 k/16 k	PASS, -6 dB/-12 dB/-18 dB/-24 dB/-30 dB/-36 dB/oct.	+6 to -24 dB/MUTE (1 dB step)	○	
SW (LPF)	25/31.5/40/50/63/80/100/125/160/200/250/315/400/500/630/800/1 k/1.25 k/1.6 k/2 k/2.5 k/3.15 k/4 k/5 k/6.3 k/8 k/10 k/12.5 k/16 k/20 k	PASS, -6 dB/-12 dB/-18 dB/-24 dB/-30 dB/-36 dB/oct.	+6 to -24 dB/MUTE (1 dB step)	○	

Point 3

- Digital signal is directly transferred to DSP for high-quality sound reproduction from USB device and iPod.
- 125-Color Button Illumination offers choice of colors to closely match the illumination of various dashboard displays.
- Automatically mutes sound from source being played as a car window or door are being opened or closed.

USB
Made for iPod iPhone

DEH-80PRS

Audio Receiver for Entering the World of High-Quality Car Audio



FULL DOT LCD **Separated Color** **MULTI-LANGUAGE DISPLAY** **CD-R/RW** **MP3 WMA AAC** **24bit DA Converter** **AUX IN** **RCA PRE-OUTS** **Hi-VOLT** **Dual USB** **Made for iPod iPhone**
DSP **FLAP FACE** **Anti-Dust Design** **WIRELESS REMOTE INPUT** **RDS SUPER TUNER III D** **MOSFET 50Wx4** **RETRACTABLE FACE SECURITY** **Music Browser**

Key Selling Points

- Point 1** Devices and materials carefully selected according to the highest standards to achieve the ultimate in sound quality.
- Point 2** Pioneer's exclusive sound field technologies including Auto EQ and Auto Time Alignment help optimize audio in ways that perfectly suit particular listening spaces and allow subtle manual control of settings.
- Point 3** Versatile connectivity helps deliver exceptional sound quality from various digital devices.

Main Features (Blue text: upgraded features from DEH-9450UB)

- CD Player
- Full Dot LCD Display (192 x 48 Pixels, 3-Line)
- LED Backlight
- Multi Language Display (English/Spanish/Portuguese)
- Separated Color Customization (More than 210,000 Colors)
- SD/SDHC Memory Card Slot
- USB Direct Control for iPod/iPhone (CD-IU51 Required)
- Dual USB Ports (Rear: High Current 1A Handling Capability)
- AUX Input (Front)
- Music Browser
- MP3/WMA/WAV/AAC Playback
- 3-Way Digital Network
- DSP with Dual (L/R) 16-Band GEQ
- Auto EQ and Auto Time Alignment
- Exclusively Designed Audio Parts
- Advanced Sound Retriever
- MOSFET 50 W x 4
- Supertuner® III D
- RDS
- Hi-Volt Preouts x 3 (5 V)
- Flap Face
- Anti-Dust Design
- Wired Remote Input
- Display Off Mode
- Detachable Face Security™
- Lever Key
- Rotary Volume Control
- Aluminum Rotary Volume Knob
- Card Remote Control

iPod/iPhone Compatibility

Made for
iPhone 4
iPhone 3GS
iPhone 3G
iPhone
iPod touch (1st, 2nd, 3rd, and 4th generation)
iPod classic
iPod with video
iPod nano (1st, 2nd, 3rd, 4th, 5th, and 6th generation)

Notes: Receiver may not operate other iPod or iPhone models. Compatibility with unit and operations may vary depending on the software version. See page 92 for more details.

Point 1

High Performance Burr-Brown 24-bit Advanced Segment D/A Converter x 3

Incorporation of three circuit boards for each of high, mid and low frequency ranges make for exceptional linear sound reproduction with wide dynamic range and low distortion of original sources.



Four-Layer Circuit Board Design

Uses four-layer copper foil, and parts are set by reflow mounting to both sides of the circuit board. A more highly integrated parts layout makes the circuit board significantly more compact than a conventional one. Ground and power supply patterns are mainly used in the inside layer and the lower impedance as a result greatly reduces noise.



Full-Custom High-Capacitance Power Supply Capacitor

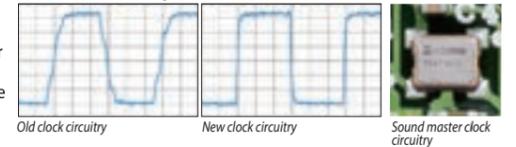
Stabilizes power supply to keep sound clear and consistent. Original parts are developed and tuned for optimal sound quality through close examination of materials and repeated listening trials.



Sound Master Clock Circuitry

Generates clock waveforms to read and process digital signals with extraordinary precision to eliminate jitter (digital signal time axis fluctuation noise). Very fine signals can be accurately reproduced.

Clock Wave Form Comparison



Point 2

28-bit Binary Floating-Point DSP

Handling of a wider range of complicated calculations than fixed-point DSP and use of advanced programming technology allows for this high-precision sound processing and tuning without source digital signal degradation.

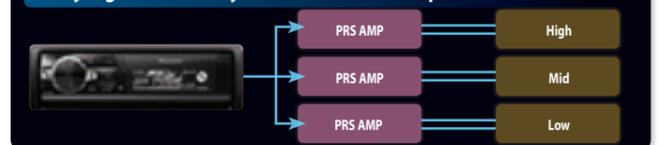


3-Way Digital Network Mode

The DEH-80PRS lets user switch to "network mode" for a 3-Way Digital Network, connecting (via three preouts) up to three external amplifiers, dedicated to driving high-, mid- and low-frequency ranges, respectively. The result: more distinct separation of the three frequency ranges, for more full, natural sound realizing more of each speaker's potential in a multi-speaker system.



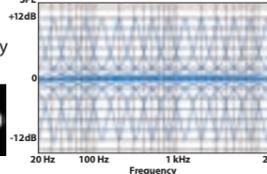
3-Way Digital Network System Connection Example



L/R Independent 16-Band Digital Equalizer

Incorporates L/R Independent 16-Band Digital Equalizer excellent at correcting frequency characteristics distortion. Makes full, fine adjustment by each 2/3 octave to realize ideally flat sound characteristics in any type of car.

16-Band Equalizer Curve



Time Alignment

Not only can this function precisely adjust each speaker's output timing according to its distance from the listening position in 1.25 cm increments – it is also adaptable to a 3-way multi-amplifier and speaker system.

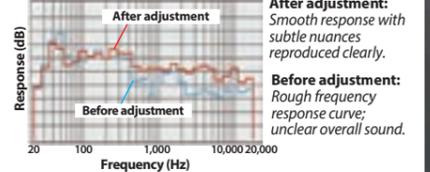


Auto Time Alignment and Auto EQ

Time alignment automatically estimates the delay from each speaker to driver's position and adjusts speaker sound output timing accordingly by 0.77 cm differences, so that sound from all speakers reaches the driver's ears in perfect sync. Auto EQ tailors specific musical characteristics according to taste, uses a microphone to monitor and analyze acoustics, then automatically fine-tunes all frequency bandwidths and front and rear speaker digital parametric equalization. These entire processes occur in 399 seamless steps in just about 6 minutes and 30 seconds.



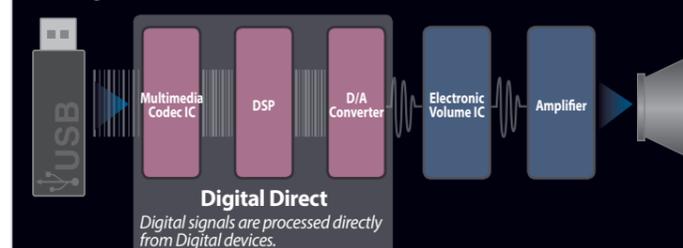
Auto EQ Adjustment Example



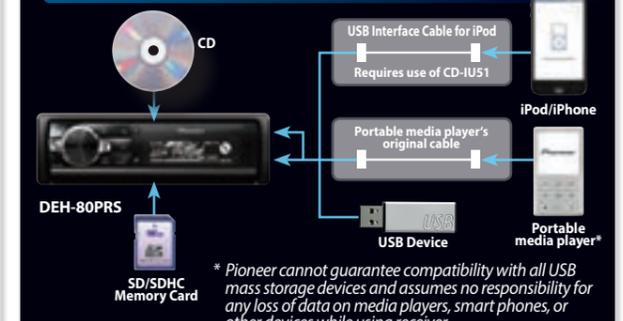
Point 3

Direct Digital Transfer for Superior Compressed Audio File Sound Quality

Musical signals recorded in an iPod, USB device and SD memory card are directly transferred to a DSP as digital signals and processed so that quality of sound using these digital devices is excellent.



Connection Example for USB Devices, SD Memory Card and External Auxiliary Device



* Pioneer cannot guarantee compatibility with all USB mass storage devices and assumes no responsibility for any loss of data on media players, smart phones, or other devices while using receiver.

MIXTRAX

MIXTRAX EZ

All Audio Receivers (Except DEX-P99RS, DEH-80PRS and DEH-9450UB)
New Pioneer Audio Receivers are compatible with MIXTRAX EZ for quick and easy Non-Stop MIX Play without using MIXTRAX software.



MIXTRAX



Innovative Pioneer technology that creates a Non-Stop MIX with a range of DJ-inspired effects.

Auto Flap Face

DEX-P99RS DEH-9450UB

Highly functional, high-quality face panel design features a smoothly motorized auto flap.



Bluetooth®

DEH-X9650BT DEH-X8750BT DEH-X6750BT DEH-X4750BT MVH-X565BT MVH-X375BT
FH-XL755BT FH-X775BT MXT-X376BT

Bluetooth Wireless Technology makes hands-free operation comfortable and safe while driving.



Lever Key

DEH-80PRS DEH-9450UB DEH-X9650BT DEH-X9650SD DEH-X8750BT DEH-X7750UI
MVH-X565BT MVH-X465UI

Gives a driver more assured operability and smoother control of various functions and settings.



Steady Operation

Dual USB Ports

DEH-80PRS DEH-9450UB DEH-X9650BT DEH-X9650SD

More connectivity adds more convenience and utilities.



Two-Phone Full Time Connection

DEH-X8750BT DEH-X6750BT DEH-X4750BT MVH-X375BT FH-X775BT MXT-X376BT

The receiver can receive calls from either of two mobile phones that are connected to it.



Separated Color Customization

All Audio Receivers (Except DEX-P99RS, DEH-X4750BT, DEH-X2750UI, DEH-X1750UB(G), MVH-X375BT, MVH-X175UI, FH-X365UB, DXT Series and MXT Series)

Lets user match a receiver to car cabin and dash.



Media App Control

For iPhone and iPod: All Audio Receivers Compatible with iPod and iPhone (Except DEX-P99RS)

For Android Phone: DEH-X9650BT DEH-X8750BT DEH-X6750BT DEH-X4750BT MVH-X565BT MVH-X375BT FH-X775BT MXT-X376BT

This allows a passenger to use iPod and Android apps and play the accompanying audio from those applications through the car speakers. Media App Control can be booted up as a music source for extra-speedy access to iPod, iPhone and Android app control.

Note: App Mode for DEH-80PRS, DEH-9450UB, FH-XL755BT and FH-XL555UI.



USB Direct Control for iPod/iPhone*1 and Certain Android Phones*2

All Audio Receivers *1: (Except DEH-X1750UB(G), FH-X365UB and DXT Series)
*2: (Except DEX-P99RS, DEH-80PRS, DEH-9450UB, FH-XL755BT, and FH-XL555UI)

Take advantage of a wired USB connection to the receiver. Sound stays clean and clear, and song, artist, time and album displays are user-friendly.



Brightness Setting

All Audio Receivers (Except DEX-P99RS, DEH-80PRS, DEH-9450UB, FH-XL755BT, FH-XL555UI and FH-X365UB)

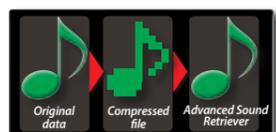
Set brightness to any of five or ten levels for excellent visibility under various viewing conditions during the day, at night, etc.



Advanced Sound Retriever

All Audio Receivers

Reproduces high-quality sound from compressed digital audio files and Bluetooth wireless audio streams.



Pure Sound!

DEH-9450UB

Audio Receiver with Dual USB Ports, USB Direct Control for iPod/iPhone, and Auto Flap Face



Rear Panel



Key Selling Points

- Point 1** Page 42 **Highly functional, high-quality face panel design features a smoothly motorized auto flap and clear front interface.**
- Point 2** Page 44 **Specialized audio parts carefully chosen for outstanding audio quality.**
- Point 3** Page 44 **Music Browser for faster, simpler song search and selection.**

Main Features (Blue text: upgraded features from DEH-X9650BT)

- CD Player
- Full Dot LCD Display (192 x 48 Pixels, 3-Line)
- LED Backlight
- Multi Language Display (English/Spanish/Portuguese)
- Separated Color Customization (More than 210,000 Colors)
- USB Direct Control for iPod/iPhone (CD-IU51 Required)
- Dual USB Ports (Rear: High Current 1A Handling Capability)
- AUX Input (Rear)
- Music Browser
- MP3/WMA/WAV/AAC Playback
- Specialized Audio Parts
- Advanced Sound Retriever
- MOSFET 50W x 4
- Supertuner® IIID
- RDS
- Hi-Volt Preouts x 3 (4V)
- 5-Band Graphic EQ
- Auto Flap Face
- Anti-Dust Design
- Wired Remote Input
- Display Off Mode
- Detachable Face Security™
- Lever Key
- Rotary Volume Control
- Card Remote Control

iPod/iPhone Compatibility

Made for
iPhone 4
iPhone 3GS
iPhone 3G
iPhone
iPod touch (1st, 2nd, 3rd, and 4th generation)
iPod classic
iPod with video
iPod nano (1st, 2nd, 3rd, 4th, 5th, and 6th generation)

Notes: Receiver may not operate other iPod or iPhone models. Compatibility with unit and operations may vary depending on the software version. See page 92 for more details.

DEH-X9650BT

Audio Receiver with MIXTRAX, Built-in Bluetooth®, Dual USB Ports, USB Direct Control for iPod/iPhone and Certain Android Phones, and Flap Face



Rear Panel

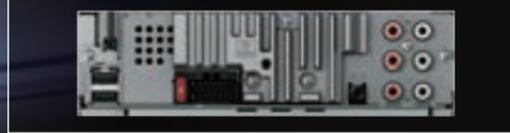


DEH-X9650SD

Audio Receiver with MIXTRAX, Dual USB Ports, USB Direct Control for iPod/iPhone and Certain Android Phones, and Flap Face

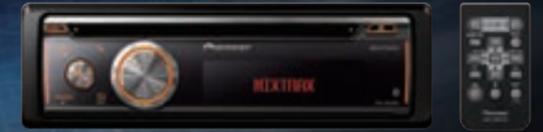


Rear Panel



DEH-X8750BT NEW

Audio Receiver with MIXTRAX, Built-in Bluetooth®, and USB Direct Control for iPod/iPhone and Certain Android Phones

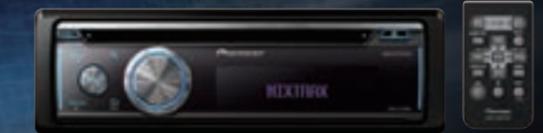


Rear Panel



DEH-X7750UI NEW

Audio Receiver with MIXTRAX, and USB Direct Control for iPod/iPhone and Certain Android Phones



Rear Panel



Note: "Bluetooth Wireless Technology", and "Siri Eyes Free" for DEH-X9650BT.

Key Selling Points

- Point 1** Page 42 **Finely detailed Full Dot 3-Line LCD display features flap face with sleek, elegant design.** FULL DOT LCD FLAP FACE
- Point 2** Page 40 **Non-Stop Mix Play makes it quick and easy to enjoy simple, seamless music sequencing. Cool Flashing Color livens up the cabin with light pulsing to the beat of the music.** MIXTRAX
- Point 3** Page 41 **Smartphone compatibility lets you play music stored in an iPod, iPhone or Android phone through your car audio system.** Made for iPod iPhone Smartphone Compatible
- Point 4** Page 44 **Dual USB Ports with 1A high current handling capability enable connections to various digital devices.** Dual USB 1A

Common Main Features (Blue text: upgraded features from DEH-X8750BT)

- MIXTRAX (MIXTRAX EZ for Quick Non-Stop MIX Play)
- Flashing Color for MIXTRAX
- CD Player
- Full Dot LCD Display (192 x 48 Pixels, 3-Line)
- LED Backlight
- Multi Language Display
- Separated Color Customization (More than 210,000 Colors)
- SD/SDHC Memory Card Slot
- Media App Control for iPod/iPhone
- USB Direct Control for iPod/iPhone (Optional Cable Required)
- USB Direct Control for Certain Android Phones (Optional Cable Required)
- Dual USB Ports (Rear: High Current 1A Handling Capability)
- AUX Input (Front)
- Music Browser
- MP3/WMA/WAV/AAC Playback
- Specialized Audio Parts
- Advanced Sound Retriever
- MOSFET 50 W x 4
- Supertuner® IIID
- RDS
- Hi-Volt Preouts x 3 (4 V)
- 5-Band Graphic EQ
- Flap Face
- Anti-Dust Design
- Wired Remote Input
- Display Off Mode
- Brightness Setting
- Detachable Face Security™
- Lever Key
- Rotary Volume Control
- Card Remote Control

iPod/iPhone Compatibility

Made for
iPhone 5
iPhone 4S
iPhone 4
iPhone 3GS
iPhone 3G
iPhone
iPod touch (1st, 2nd, 3rd, 4th, and 5th generation)
iPod classic
iPod with video
iPod nano (1st, 2nd, 3rd, 4th, 5th, 6th, and 7th generation)

Notes: Receiver may not operate other iPod or iPhone models. Compatibility with unit and operations may vary depending on the software version. See page 92 for more details.

DEH-X9650BT Main Features (Blue text: upgraded features from DEH-X9650SD)

- Bluetooth for Hands-Free Calling & Wireless Audio
- Siri Eyes Free Compatible
- Media App Control for Android
- Advanced Sound Retriever for Bluetooth Wireless Audio

Note: "Bluetooth Wireless Technology", and "Siri Eyes Free" for DEH-X8750BT.

Key Selling Points

- Point 1** Page 42 **Finely detailed Full Dot 3-Line LCD large display features lever key.** FULL DOT LCD Lever Key
- Point 2** Page 44 **Experience superior Audio Performance with Advanced Sound Retriever, 5-Band Graphic EQ and more.**
- Point 3** Page 44 **Music Browser for faster, simpler song search and selection.** Music Browser

Common Main Features (Blue text: upgraded features from DEH-X6750BT)

- MIXTRAX (MIXTRAX EZ for Quick Non-Stop MIX Play)
- Flashing Color for MIXTRAX
- CD Player
- Full Dot LCD Display (192 x 48 Pixels, 3-Line)
- LED Backlight
- Multi Language Display
- Separated Color Customization (More than 210,000 Colors)
- Media App Control for iPod/iPhone
- USB Direct Control for iPod/iPhone (Optional Cable Required)
- USB Direct Control for Certain Android Phones (Optional Cable Required)
- USB Port (Rear: High Current 1A Handling Capability)
- AUX Input (Rear)
- Music Browser
- MP3/WMA/WAV/AAC/FLAC Playback
- Advanced Sound Retriever
- MOSFET 50 W x 4
- Supertuner® IIID
- RDS
- Hi-Volt Preouts x 3 (4 V)
- 5-Band Graphic EQ
- Anti-Dust Design
- Wired Remote Input
- Display Off Mode
- Brightness Setting
- Illumination Line
- Illumination Timer
- Detachable Face Security™
- Lever Key
- Rotary Volume Control
- Card Remote Control

DEH-X8750BT Main Features (Blue text: upgraded features from DEH-X7750UI)

- Bluetooth for Hands-Free Calling & Wireless Audio
- Siri Eyes Free Compatible
- Media App Control for Android
- Advanced Sound Retriever for Bluetooth Wireless Audio

iPod/iPhone Compatibility

Made for
iPhone 5s, iPhone 5c, iPhone 5
iPhone 4S
iPhone 4
iPhone 3GS
iPhone 3G
iPhone
iPod touch (1st, 2nd, 3rd, 4th, and 5th generation)
iPod classic
iPod with video
iPod nano (1st, 2nd, 3rd, 4th, 5th, 6th, and 7th generation)

Notes: Receiver may not operate other iPod or iPhone models. Compatibility with unit and operations may vary depending on the software version. See page 92 for more details.

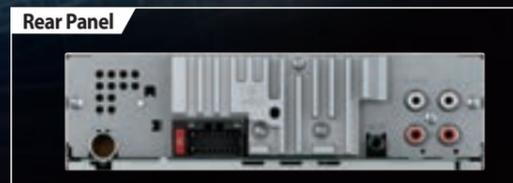
DEH-X6750BT NEW

Audio Receiver with MIXTRAX, Built-in Bluetooth®, and USB Direct Control for iPod/iPhone and Certain Android Phones



DEH-X3750UI NEW

Audio Receiver with MIXTRAX, and USB Direct Control for iPod/iPhone and Certain Android Phones



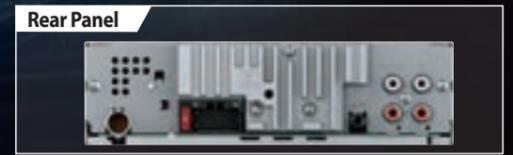
DEH-X4750BT NEW

Audio Receiver with MIXTRAX, Built-in Bluetooth®, and USB Direct Control for iPod/iPhone and Certain Android Phones



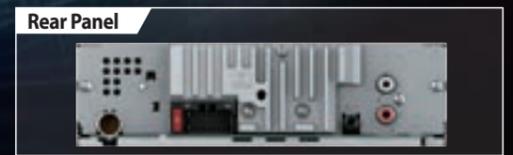
DEH-X2750UI NEW

Audio Receiver with MIXTRAX, USB Direct Control for iPod/iPhone and Certain Android Phones



DEH-X1750UB/DEH-X1750UBG NEW

Audio Receiver with MIXTRAX, and USB Direct Control for Certain Android Phones



DEH-X1750UB

Note: Product design may differ according to region.

Notes: "Bluetooth Wireless Technology", and "Siri Eyes Free" for DEH-X6750BT. "Shortwave Tuner" for GS models only.

Key Selling Points

- Point 1** Page 40 Simple, seamless music connection makes it quick and easy to enjoy Non-Stop Mix Play. Cool Flashing Color livens up the cabin with light pulsing to the beat of the music. **MIXTRAX**
- Point 2** Page 43 Allows flexible adjustment of illumination and color using Color Customization, Brightness Setting and Dimmer Setting. **Separated Color**
- Point 3** Page 42 Large VA LCD display with 2-line text provides superior visibility and contrast throughout a wide viewing angle range. **VA LCD**

Common Main Features (Blue text: upgraded features from DEH-X4750BT)

- MIXTRAX (MIXTRAX EZ for Quick Non-Stop MIX Play)
- Flashing Color for MIXTRAX
- CD Player
- VA LCD Display (13-Character + Sub Display)
- LED Backlight
- Separated Color Customization (More than 210,000 Colors)
- Media App Control for iPod/iPhone
- USB Direct Control for iPod/iPhone (Optional Cable Required)
- USB Direct Control for Certain Android Phones (Optional Cable Required)
- Bright USB Port (Front: High Current 1A Handling Capability)
- AUX Input (Front)
- MP3/WMA/WAV Playback
- Advanced Sound Retriever
- MOSFET 50 W x 4
- Supertuner® IID
- Shortwave Tuner (GS Model Only)*
- RDS
- RCA Preouts x 2 (2V)
- Anti-Dust Design
- Wired Remote Input
- Display Off Mode
- Brightness Setting
- Illumination Line
- Illumination Timer
- Detachable Face Security™
- Rotary Volume Control
- Card Remote Control

DEH-X6750BT Main Features (Blue text: upgraded features from DEH-X3750UI)

- Bluetooth for Hands-Free Calling & Wireless Audio
- Siri Eyes Free Compatible
- Media App Control for Android
- Advanced Sound Retriever for Bluetooth Wireless Audio

* See page 45 for more details about GS models.

iPod/iPhone Compatibility

Made for
iPhone 5s, iPhone 5c, iPhone 5
iPhone 4S
iPhone 4
iPhone 3GS
iPhone 3G
iPhone
iPod touch (1st, 2nd, 3rd, 4th, and 5th generation)
iPod classic
iPod with video
iPod nano (1st, 2nd, 3rd, 4th, 5th, 6th, and 7th generation)

Notes: Receiver may not operate other iPod or iPhone models. Compatibility with unit and operations may vary depending on the software version. See page 92 for more details.

Key Selling Points

- Point 1** Page 40 Simple, seamless music connection makes it quick and easy to enjoy Non-Stop Mix Play. **MIXTRAX**
- Point 2** Page 42 VA LCD with small dots of light in the 12-character display enhance visibility with fine detail and contrast throughout a wide viewing angle range. **VA LCD**
- Point 3** Page 44 Experience superior Audio Performance with Advanced Sound Retriever, 5-Band Graphic EQ and more.

Common Main Features

- MIXTRAX (MIXTRAX EZ for Quick Non-Stop MIX Play)
- CD Player
- VA LCD Display (12-Character)
- LED Backlight
- USB Direct Control for Certain Android Phones (Optional Cable Required)
- Bright USB Port
- AUX Input (Front)
- MP3/WMA/WAV Playback
- Advanced Sound Retriever
- MOSFET 50 W x 4
- Supertuner® IID
- Shortwave Tuner (GS Model Only)*
- RDS
- 5-Band Graphic EQ
- Anti-Dust Design
- Wired Remote Input
- Display Off Mode
- Brightness Setting
- Illumination Timer
- Detachable Face Security™
- Rotary Volume Control
- Card Remote Control

DEH-X4750BT Main Features

- (Blue text: upgraded features from DEH-X2750UI)
- Bluetooth® for Hands-Free Calling & Wireless Audio
 - Siri Eyes Free Compatible
 - Media App Control for iPod/iPhone
 - Media App Control for Android
 - USB Direct Control for iPod/iPhone (Optional Cable Required)
 - Advanced Sound Retriever for Bluetooth Wireless Audio
 - RCA Preouts x 2 (2V)

DEH-X2750UI Main Features

- (Blue text: upgraded features from DEH-X1750UB(G))
- Media App Control for iPod/iPhone
 - USB Direct Control for iPod/iPhone (Optional Cable Required)
 - RCA Preouts x 2 (2V)

* See page 45 for more details about GS models.

DEH-X1750UB/DEH-X1750UBG Main Feature

- RCA Preout x 1 (2V)

iPod/iPhone Compatibility

Made for
iPhone 5s, iPhone 5c, iPhone 5
iPhone 4S
iPhone 4
iPhone 3GS
iPhone 3G
iPhone
iPod touch (1st, 2nd, 3rd, 4th, and 5th generation)
iPod classic
iPod with video
iPod nano (1st, 2nd, 3rd, 4th, 5th, 6th, and 7th generation)

Notes: Receiver may not operate other iPod or iPhone models. Compatibility with unit and operations may vary depending on the software version. See page 92 for more details.

MVH-X565BT

Digital Media Receiver with MIXTRAX, Built-in Bluetooth®, and USB Direct Control for iPod/iPhone and Certain Android Phones



MVH-X375BT NEW

Digital Media Receiver with MIXTRAX, Built-in Bluetooth®, and USB Direct Control for iPod/iPhone and Certain Android Phones



MVH-X465UI

Digital Media Receiver with MIXTRAX, and USB Direct Control for iPod/iPhone and Certain Android Phones



MVH-X175UI NEW

Digital Media Receiver with MIXTRAX, and USB Direct Control for iPod/iPhone and Certain Android Phones



*1. MVH-X465UI: RCA Preouts x2 Note: "Bluetooth Wireless Technology", and "Siri Eyes Free" for MVH-X565BT.

Notes: "Bluetooth Wireless Technology", "Shortwave Tuner", and "Siri Eyes Free" for MVH-X375BT. "Shortwave Tuner" for GS models only.

Key Selling Points

- Point 1** Page 42: **Shallow chassis depth allows for more flexibility in installation.**
- Point 1** Page 42: **Lever Key gives a driver more assured operability and smoother control of various functions and settings.**
- Point 2** Page 42: **Large VA LCD display with 2-line text provides superior visibility and contrast throughout a wide viewing angle range.**
- Point 3** Page 40: **Simple, seamless music connection makes it quick and easy to enjoy Non-Stop Mix Play. Cool Flashing Color livens up the cabin with light pulsing to the beat of the music.**
- Point 4** Page 43: **Color Customization lets user match a receiver to car cabin and dash.**

Common Main Features (Blue text: upgraded features from MVH-X375BT)

- MIXTRAX (MIXTRAX EZ for Quick Non-Stop MIX Play)
- Flashing Color for MIXTRAX
- VA LCD Display (13-Character + Sub Display)
- LED Backlight
- Separated Color Customization (More than 210,000 Colors)
- Media App Control for iPod/iPhone
- USB Direct Control for iPod/iPhone (Optional Cable Required)
- USB Direct Control for Certain Android Phones (Optional Cable Required)
- USB Port (Rear: High Current 1A Handling Capability)
- AUX Input (Rear)
- MP3/WMA/WAV Playback
- Advanced Sound Retriever
- MOSFET 50 W x 4
- Supertuner® IIID
- Shortwave Tuner
- RDS
- 5-Band Graphic EQ
- Wired Remote Input
- Display Off Mode
- Brightness Setting
- Detachable Face Security™
- Lever Key
- Rotary Volume Control
- Card Remote Control

iPod/iPhone Compatibility

Made for
iPhone 5
iPhone 4S
iPhone 4
iPhone 3GS
iPhone 3G
iPhone
iPod touch (1st, 2nd, 3rd, 4th, and 5th generation)
iPod classic
iPod with video
iPod nano (1st, 2nd, 3rd, 4th, 5th, 6th, and 7th generation)

Notes: Receiver may not operate other iPod or iPhone models. Compatibility with unit and operations may vary depending on the software version. See page 92 for more details.

MVH-X465UI Main Feature (Blue text: upgraded features from MVH-X375BT)

- RCA Preouts x 2 (2 V)

Key Selling Points

- Point 1** Page 42: **Shallow chassis depth allows for more flexibility in installation and VA LCD display enhances contrast throughout a wide viewing angle range.**
- Point 2** Page 41: **Digital Media Receiver gets the most out of music from iPod, iPhone, Android, USB devices and other digital devices.**
- Point 2** Page 41: **Bluetooth Wireless Technology enables hands-free calling. Enjoy wireless audio control and streaming. (MVH-X375BT)**
- Point 3** Page 44: **Experience superior Audio Performance with Advanced Sound Retriever, 5-Band Graphic EQ and more.**

Common Main Features

- MIXTRAX (MIXTRAX EZ for Quick Non-Stop MIX Play)
- VA LCD Display (12-Character)
- LED Backlight
- Media App Control for iPod/iPhone
- USB Direct Control for iPod/iPhone (Optional Cable Required)
- USB Direct Control for Certain Android Phones (Optional Cable Required)
- Bright USB Port (Front: High Current 1A Handling Capability)
- AUX Input (Front)
- MP3/WMA/WAV Playback
- Advanced Sound Retriever
- MOSFET 50 W x 4
- Supertuner® IIID
- RDS
- RCA Preout x 1 (2 V)
- 5-Band Graphic EQ
- Wired Remote Input
- Display Off Mode
- Brightness Setting
- Illumination Timer
- Detachable Face Security™
- Rotary Volume Control
- Card Remote Control

MVH-X375BT Main Features (Blue text: upgraded features from MVH-X175UI)

- Bluetooth for Hands-Free Calling & Wireless Audio
- Siri Eyes Free Compatible
- Media App Control for Android
- Advanced Sound Retriever for Bluetooth Wireless Audio
- Shortwave Tuner (GS Model Only)*

iPod/iPhone Compatibility

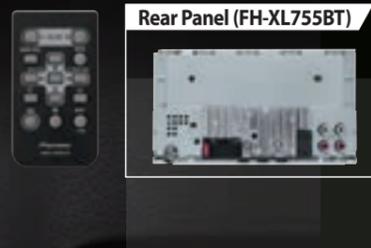
Made for
iPhone 5s, iPhone 5c, iPhone 5
iPhone 4S
iPhone 4
iPhone 3GS
iPhone 3G
iPhone
iPod touch (1st, 2nd, 3rd, 4th, and 5th generation)
iPod classic
iPod with video
iPod nano (1st, 2nd, 3rd, 4th, 5th, 6th, and 7th generation)

Notes: Receiver may not operate other iPod or iPhone models. Compatibility with unit and operations may vary depending on the software version. See page 92 for more details.

* See page 45 for more details about GS models.

FH-XL755BT

200 mm Wide Double-DIN Audio Receiver with MIXTRAX, Built-in Bluetooth®, and USB Direct Control for iPod/iPhone



Rear Panel (FH-XL755BT)



FH-XL555UI

200 mm Wide Double-DIN Audio Receiver with MIXTRAX, and USB Direct Control for iPod/iPhone

Note: "Bluetooth Wireless Technology" and "Voice Control" for FH-XL755BT.

Key Selling Points

Point 1
Page 40
Non-Stop Mix Play makes it quick and easy to enjoy simple, seamless music sequencing. Cool Flashing Color livens up the cabin with light pulsing to the beat of the music.

MIXTRAX

Point 2
Page 43
Color Customization lets user match a receiver to car cabin and dash.



Point 3
Page 42
Cool, sleek panel is designed to incorporate VA LCD display and fit perfectly in a 200 mm wide 2-DIN space in the dash.



Common Main Features (Blue text: upgraded features from FH-X365UB)

- MIXTRAX (MIXTRAX EZ for Quick Non-Stop MIX Play)
- Flashing Color for MIXTRAX
- CD Player
- VA LCD Display (13-Character + Sub Display)
- LED Backlight
- Separated Color Customization (More than 210,000 Colors)
- App Mode for iPod/iPhone
- USB Direct Control for iPod/iPhone (Optional Cable Required)
- Bright USB Port (Front: High Current 1A Handling Capability)
- AUX Input (Front)
- MP3/WMA/WAV Playback
- Advanced Sound Retriever
- MOSFET 50 W x 4
- Supertuner® IIID
- Shortwave Tuner
- RDS
- RCA Preouts x 2 (2 V)
- 5-Band Graphic EQ
- Anti-Dust Design
- Wired Remote Input
- Display Off Mode
- Rotary Volume Control
- Card Remote Control

iPod/iPhone Compatibility

Made for
iPhone 4S
iPhone 4
iPhone 3GS
iPhone 3G
iPhone
iPod touch (1st, 2nd, 3rd, and 4th generation)
iPod classic
iPod with video
iPod nano (1st, 2nd, 3rd, 4th, 5th, and 6th generation)

Notes: Receiver may not operate other iPod or iPhone models. Compatibility with unit and operations may vary depending on the software version. See page 92 for more details.

FH-XL755BT Main Features

(Blue text: upgraded features from FH-XL555UI)

- Bluetooth for Hands-Free Calling & Wireless Audio
- Voice Control for iPhone
- Advanced Sound Retriever for Bluetooth Wireless Audio

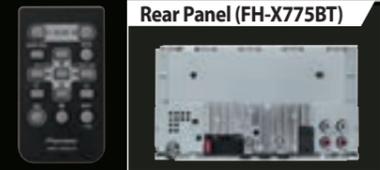
FH-X775BT NEW

Double-DIN Audio Receiver with MIXTRAX, Built-in Bluetooth, and USB Direct Control for iPod/iPhone and Certain Android Phones



FH-X575UI NEW

Double-DIN Audio Receiver with MIXTRAX, and USB Direct Control for iPod/iPhone and Certain Android Phones



Rear Panel (FH-X775BT)

Note: "Bluetooth Wireless Technology" and "Siri Eyes Free" for FH-X775BT.

Key Selling Points

Point 1
Page 42
Cool, sleek new panel is designed to incorporate VA LCD display and fit perfectly in a 2-DIN space in the dash.



Point 2
Page 43
Allows flexible adjustment of illumination and color using Color Customization, Brightness Setting and Dimmer Setting.



Point 3
Page 40
Non-Stop Mix Play makes it quick and easy to enjoy simple, seamless music sequencing. Cool Flashing Color livens up the cabin with light pulsing to the beat of the music.



Common Main Features (Blue text: upgraded features from FH-X365UB)

- MIXTRAX (MIXTRAX EZ for Quick Non-Stop MIX Play)
- Flashing Color for MIXTRAX
- CD Player
- VA LCD Display (13-Character + Sub Display)
- LED Backlight
- Separated Color Customization (More than 210,000 Colors)
- Media App Control for iPod/iPhone
- USB Direct Control for iPod/iPhone (Optional Cable Required)
- USB Direct Control for Certain Android Phones (Optional Cable Required)
- Bright USB Port (Front: High Current 1A Handling Capability)
- AUX Input (Front)
- MP3/WMA/WAV Playback
- Advanced Sound Retriever
- MOSFET 50 W x 4
- Supertuner® IIID
- Shortwave Tuner
- RDS
- RCA Preouts x 2 (2 V)
- 5-Band Graphic EQ
- Anti-Dust Design
- Wired Remote Input
- Display Off Mode
- Brightness Setting
- Illumination Line
- Illumination Timer
- Rotary Volume Control
- Card Remote Control

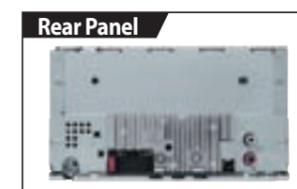
iPod/iPhone Compatibility

Made for
iPhone 5s, iPhone 5c, iPhone 5
iPhone 4S
iPhone 4
iPhone 3GS
iPhone 3G
iPhone
iPod touch (1st, 2nd, 3rd, and 4th generation)
iPod classic
iPod with video
iPod nano (1st, 2nd, 3rd, 4th, 5th, and 6th generation)

Notes: Receiver may not operate other iPod or iPhone models. Compatibility with unit and operations may vary depending on the software version. See page 92 for more details.

FH-X365UB

Double-DIN Audio Receiver with MIXTRAX, and USB Direct Control for Android



Rear Panel

Main Features

- MIXTRAX (MIXTRAX EZ for Quick Non-Stop MIX Play)
- CD Player
- LCD Display (12-Character)
- LED Backlight
- USB Direct Control for Certain Android Phones (Optional Cable Required)
- Bright USB Port (Front: High Current 1A Handling Capability)
- AUX Input (Front)
- MP3/WMA/WAV Playback
- Advanced Sound Retriever
- MOSFET 50 W x 4
- Supertuner® IIID
- Shortwave Tuner
- RDS
- RCA Preout x 1 (2 V)
- 5-Band Graphic EQ
- Anti-Dust Design
- Wired Remote Input
- Display Off Mode
- Rotary Volume Control
- Card Remote Control

DXT-X1769UB NEW

Audio Receiver with MIXTRAX, USB Direct Control for Certain Android Phones, Front USB Port, and Speaker Package (6" x 9" & 16 cm Speakers)



DXT-X176UB NEW

Audio Receiver with MIXTRAX, USB Direct Control for Certain Android Phones, Front USB Port, and Speaker Package (16 cm Speakers)



Note: "Shortwave Tuner" for GS models only.

Key Selling Points

Point 1 Page 45 **Speaker package models make it easy to upgrade a car audio system.**

Point 2 Page 40 **Simple, seamless music connection makes it quick and easy to enjoy Non-Stop Mix Play.**

MIXTRAX

Point 3 Page 41 **A wired USB connection of Android phone to receiver keeps sound clear, and song, artist, time and album displays are user-friendly.**



Common Main Features

- MIXTRAX (MIXTRAX EZ for Quick Non-Stop MIX Play)
- CD Player
- VA LCD Display (12-Character)
- LED Backlight
- USB Direct Control for Certain Android Phones (Optional Cable Required)
- Bright USB Port
- AUX Input (Front)
- MP3/WMA/WAV Playback
- Advanced Sound Retriever
- MOSFET 50 W x 4
- Supertuner® IIID
- Shortwave Tuner (GS Model Only)*
- RDS
- RCA Preout x 1 (2 V)
- 5-Band Graphic EQ
- Anti-Dust Design
- Wired Remote Input
- Display Off Mode
- Brightness Setting
- Illumination Timer
- Detachable Face Security™
- Rotary Volume Control
- Card Remote Control

* See page 45 for more details about GS models.

Speaker Specifications

	DXT-X1769UB		DXT-X176UB
Size	6" x 9"	16 cm	16 cm
Max. Music Power (Nominal)	230 W (30 W)	200 W (25 W)	200 W (25 W)
Frequency Response	28 Hz to 32 kHz	31 Hz to 16 kHz	31 Hz to 16 kHz
Sensitivity (1 W/1 m)	88 dB	88 dB	88 dB
Impedance	4 Ω	4 Ω	4 Ω
Mounting Depth	66.3 mm	41 mm	41 mm
Cut-Out Dimensions	153 mm x 222 mm	ø128 mm	ø128 mm

MXT-X376BT NEW

Digital Media Receiver with MIXTRAX, Built-in Bluetooth®, USB Direct Control for iPod/iPhone and Certain Android Phones, and Speaker Package (16 cm Speakers)



MXT-X176UI NEW

Digital Media Receiver with MIXTRAX, USB Direct Control for iPod/iPhone and Certain Android Phones, and Speaker Package (16 cm Speakers)



Notes: "Bluetooth Wireless Technology", "Shortwave Tuner", and "Siri Eyes Free" for MXT-X376BT. "Shortwave Tuner" for GS models only.

Key Selling Points

Point 1 Page 45 **Speaker package models make it easy to upgrade a car audio system.**

Point 2 Page 40 **Simple, seamless music connection makes it quick and easy to enjoy Non-Stop Mix Play.**

MIXTRAX

Point 3 Page 41 **Digital Media Receiver gets the most out of music from iPod, iPhone, Android, USB devices and other digital devices.**

Bluetooth Wireless Technology enables hands-free calling. Enjoy wireless audio control and streaming. (MXT-X376BT)

Bluetooth®

Common Main Features

- MIXTRAX (MIXTRAX EZ for Quick Non-Stop MIX Play)
- VA LCD Display (12-Character)
- LED Backlight
- Media App Control for iPod/iPhone
- USB Direct Control for iPod/iPhone (Optional Cable Required)
- USB Direct Control for Certain Android Phones (Optional Cable Required)
- Bright USB Port (Front: High Current 1A Handling Capability)
- AUX Input (Front)
- MP3/WMA/WAV Playback
- Advanced Sound Retriever
- MOSFET 50 W x 4

- Supertuner® IIID
- RDS
- RCA Preout x 1 (2 V)
- 5-Band Graphic EQ
- Wired Remote Input
- Display Off Mode
- Brightness Setting
- Illumination Timer
- Detachable Face Security™
- Rotary Volume Control
- Card Remote Control

Speaker Specifications

	MXT-X376BT	MXT-X176UI
Size	16 cm	16 cm
Max. Music Power (Nominal)	200 W (25 W)	200 W (25 W)
Frequency Response	31 Hz to 16 kHz	31 Hz to 16 kHz
Sensitivity (1 W/1 m)	88 dB	88 dB
Impedance	4 Ω	4 Ω
Mounting Depth	41 mm	41 mm
Cut-Out Dimensions	ø128 mm	ø128 mm

iPod/iPhone Compatibility

Made for
iPhone 5s, iPhone 5c, iPhone 5
iPhone 4S
iPhone 4
iPhone 3GS
iPhone 3G
iPhone
iPod touch (1st, 2nd, 3rd, 4th, and 5th generation)
iPod classic
iPod with video
iPod nano (1st, 2nd, 3rd, 4th, 5th, 6th, and 7th generation)

Notes: Receiver may not operate other iPod or iPhone models. Compatibility with unit and operations may vary depending on the software version. See page 92 for more details.

* See page 45 for more details about GS models.

MXT-X376BT Main Features

(Blue text: upgraded features from MXT-X176UI)

- Bluetooth for Hands-Free Calling & Wireless Audio
- Siri Eyes Free Compatible
- Media App Control for Android
- Advanced Sound Retriever for Bluetooth Wireless Audio
- Shortwave Tuner (GS Model Only)*

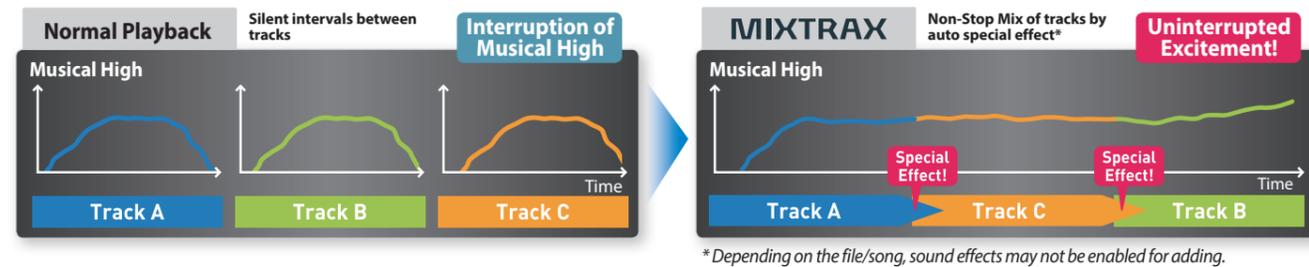
MIXTRAX



Innovative Pioneer technology that creates a Non-Stop MIX with a range of DJ-inspired effects.

MIXTRAX Benefit

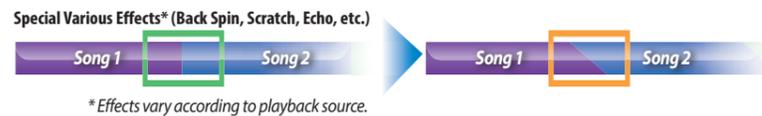
Pioneer applied its unique expertise to keep car entertainment flowing smoothly without interruption, so you can experience the intimate euphoria of listening to music that sounds as if a club DJ is there playing it.



MIXTRAX EZ

All Audio Receivers (Except DEX-P99RS, DEH-80PRS, DEH-9450UB)

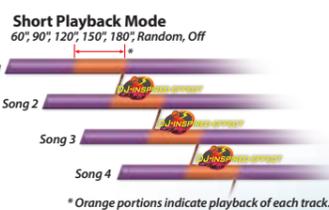
MIXTRAX EZ makes Non-Stop MIX Play and other control quick and easy without using MIXTRAX software. Tracks are joined by various random sound effects in Non-Stop MIX Play to keep the mood moving in full swing.



Short Playback Mode

All Audio Receivers (Except DEX-P99RS, DEH-80PRS, DEH-9450UB)

You can choose a length of playback (60, 90, 120, 150, 180 sec., random, or off) to shorten track selections and speed up switching to following tracks in the mix.



Sound Level Indicator

DEH-X9650BT DEH-X9650SD DEH-X8750BT DEH-X7750UI

Sound Level Indicator displays sound levels as visualized waveforms as a DJ mixer does.



Flashing Color*

DEH-X9650BT	DEH-X9650SD	DEH-X8750BT	DEH-X7750UI	DEH-X6750BT	DEH-X3750UI
MVH-X565BT	MVH-X465UI	FH-XL755BT	FH-XL555UI	FH-X775BT	FH-X575UI

As MIXTRAX begins, lights start pulsing to the beat of the music, creating a mood-enhancing dance club-like lighting effect.

* Can be switched on or off as desired.

FLASHING COLOR



• Sound Level Mode synchronizes with sound signal level.
• Low Pass Mode synchronizes with bass sound.

Choose among six lighting color patterns for both Sound Level Mode (volume) and Low Pass Mode (bass). Colors vary according to levels.

Key illumination and display pulse to the beat of the music
When MIXTRAX is on, illumination color changes for the mode that has been selected and set.

Sound Level Mode	Low Pass Mode																																																																																																												
<table border="1"> <tr> <th>Pattern 1</th> <th>Pattern 2</th> <th>Pattern 3</th> <th>Pattern 4</th> <th>Pattern 5</th> <th>Pattern 6</th> </tr> <tr> <td>DEEP BLUE</td> <td>SKYBLUE</td> <td>SKYBLUE</td> <td>SKYBLUE</td> <td>SKYBLUE</td> <td>SKYBLUE</td> </tr> <tr> <td>POWERBLUE</td> <td>SKYBLUE</td> <td>SKYBLUE</td> <td>SKYBLUE</td> <td>SKYBLUE</td> <td>SKYBLUE</td> </tr> <tr> <td>SKYBLUE</td> <td>SKYBLUE</td> <td>SKYBLUE</td> <td>SKYBLUE</td> <td>SKYBLUE</td> <td>SKYBLUE</td> </tr> <tr> <td>LIGHT BLUE</td> <td>SKYBLUE</td> <td>SKYBLUE</td> <td>SKYBLUE</td> <td>SKYBLUE</td> <td>SKYBLUE</td> </tr> <tr> <td>SKY BLUE</td> <td>ROYALBLUE</td> <td>ROYALBLUE</td> <td>ROYALBLUE</td> <td>ROYALBLUE</td> <td>ROYALBLUE</td> </tr> <tr> <td>BLUE</td> <td>DEEP BLUE</td> <td>DEEP BLUE</td> <td>DEEP BLUE</td> <td>DEEP BLUE</td> <td>DEEP BLUE</td> </tr> <tr> <td>DEEP BLUE</td> <td>DEEP BLUE</td> <td>DEEP BLUE</td> <td>DEEP BLUE</td> <td>DEEP BLUE</td> <td>DEEP BLUE</td> </tr> <tr> <td>DEEP BLUE</td> <td>DEEP BLUE</td> <td>DEEP BLUE</td> <td>DEEP BLUE</td> <td>DEEP BLUE</td> <td>DEEP BLUE</td> </tr> </table>	Pattern 1	Pattern 2	Pattern 3	Pattern 4	Pattern 5	Pattern 6	DEEP BLUE	SKYBLUE	SKYBLUE	SKYBLUE	SKYBLUE	SKYBLUE	POWERBLUE	SKYBLUE	LIGHT BLUE	SKYBLUE	SKYBLUE	SKYBLUE	SKYBLUE	SKYBLUE	SKY BLUE	ROYALBLUE	ROYALBLUE	ROYALBLUE	ROYALBLUE	ROYALBLUE	BLUE	DEEP BLUE	<table border="1"> <tr> <th>Pattern 1</th> <th>Pattern 2</th> <th>Pattern 3</th> <th>Pattern 4</th> <th>Pattern 5</th> <th>Pattern 6</th> </tr> <tr> <td>SKY BLUE</td> <td>ROYALBLUE</td> <td>ROYALBLUE</td> <td>ROYALBLUE</td> <td>ROYALBLUE</td> <td>ROYALBLUE</td> </tr> <tr> <td>SKYBLUE</td> <td>ROYALBLUE</td> <td>ROYALBLUE</td> <td>ROYALBLUE</td> <td>ROYALBLUE</td> <td>ROYALBLUE</td> </tr> </table>	Pattern 1	Pattern 2	Pattern 3	Pattern 4	Pattern 5	Pattern 6	SKY BLUE	ROYALBLUE	ROYALBLUE	ROYALBLUE	ROYALBLUE	ROYALBLUE	SKYBLUE	ROYALBLUE	ROYALBLUE	ROYALBLUE	ROYALBLUE	ROYALBLUE	SKYBLUE	ROYALBLUE	ROYALBLUE	ROYALBLUE	ROYALBLUE	ROYALBLUE	SKYBLUE	ROYALBLUE	ROYALBLUE	ROYALBLUE	ROYALBLUE	ROYALBLUE	SKYBLUE	ROYALBLUE	ROYALBLUE	ROYALBLUE	ROYALBLUE	ROYALBLUE	SKYBLUE	ROYALBLUE	ROYALBLUE	ROYALBLUE	ROYALBLUE	ROYALBLUE	SKYBLUE	ROYALBLUE	ROYALBLUE	ROYALBLUE	ROYALBLUE	ROYALBLUE	SKYBLUE	ROYALBLUE	ROYALBLUE	ROYALBLUE	ROYALBLUE	ROYALBLUE																										
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Media App Control



For iPhone and iPod:
All Audio Receivers Compatible with iPod and iPhone (Except DEX-P99RS)

For Android Phone:
DEH-X9650BT DEH-X8750BT DEH-X6750BT DEH-X4750BT
MVH-X565BT MVH-X375BT FH-X775BT MXT-X376BT

- Use music apps stored in your iPod, iPhone or Android phone for listening through the car speakers.
- Fast forward and reverse can be operated through the receiver.
- Media App Control boots up as a music source for quicker access to iPod, iPhone or Android phone app control.

Note: Not all apps will be compatible with Media App Control, which will provide limited, if any, control over the app.



Note: App Mode for DEH-80PRS, DEH-9450UB, FH-XL755BT and FH-XL555UI.

USB Direct Control



For iPhone and iPod:
All Audio Receivers (Except DEH-X1750UB(G), FH-X365UB and DXT Series)

For Android Phone (MTP Mode):
All Audio Receivers (Except DEX-P99RS, DEH-80PRS, DEH-9450UB, FH-XL755BT and FH-XL555UI)

Take advantage of a wired USB connection to the receiver. Sound stays clean and clear, and song, artist, time and album displays are user-friendly.



Built-in Bluetooth®



DEH-X9650BT DEH-X8750BT DEH-X6750BT DEH-X4750BT MVH-X565BT MVH-X375BT FH-XL755BT FH-X775BT MXT-X376BT

A Pioneer receiver with Built-in Bluetooth Wireless Technology not only makes Bluetooth hands-free function easy and safe to operate while driving — it also extends your enjoyment of wireless audio control and streaming.

Bluetooth Hands-Free Calling = HFP
Bluetooth Wireless Audio = A2DP, AVRCP

Bluetooth Hands-Free Calling

Direct Access to Bluetooth Menu
Use with Phone Pairing to transfer your entire phonebook* via Bluetooth at a single time to the receiver. Press the button for direct access to missed, dialed, received and called calling histories.
* Compatible phone with PBAP profile required.

Bluetooth Wireless Audio

Bluetooth Wireless Audio Source
Press the source button to select and enjoy Bluetooth wireless audio with A2DP compatible devices.

Bluetooth Wireless Audio

File Browsing (AVRCP Version 1.5) NEW
DEH-X8750BT DEH-X6750BT DEH-X4750BT
MVH-X375BT FH-X775BT MXT-X376BT
File Browsing can be used through AVRCP 1.5 version of Bluetooth. You can easily search songs in the browsing display.

Bluetooth Hands-Free Calling

Wide Band Speech (HFP Version 1.6) NEW
DEH-X8750BT DEH-X6750BT
DEH-X4750BT MVH-X375BT
FH-X775BT MXT-X376BT

Frequency bandwidth is twice as great as in the previous model, for much clearer phone call sound quality.



Auto Pairing
All Audio Receivers Compatible with Bluetooth (Except FH-XL755BT)
Connecting an iPhone to the receiver with a USB cable automatically opens a prompt for pairing the unit and iPhone.

Bluetooth Wireless Audio

Bluetooth Wireless Audio Control (AVRCP)
Press and quickly release button to skip to the next track and display track tag information. Press and hold button to fast forward or fast reverse during playback.

Bluetooth Hands-Free Calling

Preset Dial
Press and hold the button, and preset register function conveniently registers in memory up to 6 frequently called phone numbers from up to 3 cell phones, for extra-quick access.

Guest Mode

All Audio Receivers Compatible with Bluetooth (Except FH-XL755BT)
If a pairing is attempted while there are already three devices paired together, the receiver will proceed automatically to the deletion sequences and prompt you to delete a device.



Siri Eyes Free Compatible



All Audio Receivers Compatible with Bluetooth (Except FH-XL755BT)

Smart voice control lets users access various iPhone functions to select music, make calls from a contact list, etc., without taking their eyes off the road.

* Siri is available on iPhone 5s, iPhone 5c, iPhone 5, iPhone 4S, iPod touch (5th generation) and requires Internet access. Siri may not be available in all languages or in all areas, and features may vary by area. Cellular data charges may apply.

Two-Phone Full Time Connection NEW

DEH-X8750BT DEH-X6750BT DEH-X4750BT MVH-X375BT FH-X775BT MXT-X376BT

You can connect two mobile phones (for personal and business use, for example) with the receiver, and an incoming call from either phone can be received without requiring manual switching.



Auto Flap Face

DEX-P99RS DEH-9450UB

Highly functional, high-quality face panel design features a smoothly motorized auto flap and clear front interface.



Flap Face Design

DEH-80PRS DEH-X9650BT DEH-X9650SD

The CD slot is concealed behind the front panel flap, so the receiver's face looks extra-sleek and elegant.

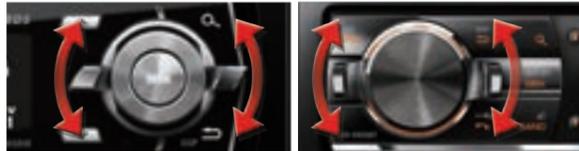


Lever Key

For the sake of safety, a lever key gives a driver more assured operability and smoother control of various functions and settings.

Horizontal lever key

DEH-80PRS DEH-9450UB DEH-X9650BT DEH-X9650SD



Vertical lever key

MVH-X565BT MVH-X465UI



360-degree lever key

DEH-X8750BT DEH-X7750UI



Sophisticated Panel Designed for a Perfect Fit

Pioneer 2-DIN receivers feature VA LCD displays for superior visibility and high contrast, plus big rotary knobs for simple operation. Moreover, the 200 mm wide-type 2-DIN and regular 2-DIN size-type each fit perfectly in respective dash space configurations.

200 mm Wide-Type 2-DIN FH-XL755BT FH-XL555UI



Regular 2-DIN FH-X775BT FH-X575UI



Compact Chassis Design

MVH-X565BT MVH-X465UI
NEW MVH-X375BT MVH-X175UI

The shallow depth of the chassis of new MVH series receiver provides for optimal ease and flexibility of installation.



Full Dot 3-Line LCD Display

DEH-80PRS DEH-9450UB DEH-X9650BT DEH-X9650SD DEH-X8750BT DEH-X7750UI

The Full Dot LCD Display allows you to scroll through your iPod with greater ease, displaying up to three lines in list mode.



DEH-X8750BT Display

Larger 2-Line Display

DEH-X6750BT DEH-X3750UI MVH-X565BT MVH-X465UI FH-XL755BT FH-XL555UI
FH-X775BT FH-X575UI

The larger 2-line display improves visibility and incorporates finely balanced font to keep text easy to read.

Main Display (13-Character) & Sub Display



Large display size: 12.9 mm x 83.9 mm

Finely Dotted Display

DEH-X4750BT DEH-X2750UI DEH-X1750UB(G) MVH-X375BT MVH-X175UI FH-X365UB
DXT Series MXT Series

Small dots of light on the 12-character dot matrix-like display dramatically sharpen up visibility.



Very Tiny Dots!

VA LCD

The receiver display incorporates VA LCD for higher contrast and visibility from a wide viewing angle. Characters on display are easy to read from the driver's viewpoint.

DEH-X6750BT DEH-X3750UI MVH-X565BT MVH-X465UI
FH-XL755BT FH-XL555UI FH-X775BT FH-X575UI

NEW DEH-X4750BT DEH-X2750UI DEH-X1750UB(G)
MVH-X375BT MVH-X175UI DXT Series MXT Series



VA LCD Conventional LCD Image

High Contrast
60% better contrast



Separated Color Customization

All Audio Receivers (Except DEX-P99RS, DEH-X4750BT, DEH-X2750UI, DEH-X1750UB(G), MVH-X375BT, MVH-X175UI, FH-X365UB, DXT Series and MXT Series)

Separated Color Customization lets the user match their receiver illumination to their interior lighting. Color of key illumination and display can be selected separately.



Brightness Setting

Brightness can be set to any of five or ten different levels to suit various viewing conditions, whether during the day, at night, etc. This allows for excellent visibility regardless of the situation.

5-Step Brightness Setting

DEH-X9650BT DEH-X9650SD MVH-X565BT MVH-X465UI

10-Step Brightness Setting

DEH-X8750BT DEH-X7750UI DEH-X6750BT DEH-X3750UI DEH-X4750BT DEH-X2750UI DEH-X1750UB(G)
MVH-X375BT MVH-X175UI FH-X775BT FH-X575UI DXT Series MXT Series



Note: The range of settings can vary, depending on whether Dimmer is on or off.

Illumination Effect

DEH-X9650BT DEH-X9650SD DEH-X8750BT DEH-X7750UI DEH-X6750BT DEH-X3750UI MVH-X565BT MVH-X465UI
NEW DEH-X4750BT DEH-X2750UI DEH-X1750UB(G) MVH-X375BT MVH-X175UI FH-X775BT FH-X575UI DXT Series MXT Series

Illumination fades in and out at various times, such as when ACC power is turned on and off*, a CD is being loaded or ejected, or an incoming call is being received on a Bluetooth® receiver.

*For the following receivers, Illumination Effect can be activated for only ACC power on/off. DEH-X4750BT/DEH-X2750UI/DEH-X1750UB(G)/MVH-X375BT/MVH-X175UI/DXT Series/MXT Series



Illumination Line

DEH-X8750BT DEH-X7750UI DEH-X6750BT DEH-X3750UI FH-X775BT FH-X575UI

Car's Headlight On/Off automatically links with Dimmer's On/Off. When driving, user doesn't need any extra operation to change Dimmer.

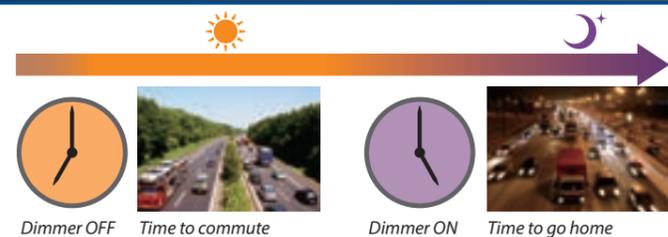


Illumination Timer

DEH-X8750BT DEH-X7750UI DEH-X6750BT DEH-X3750UI DEH-X4750BT DEH-X2750UI
DEH-X1750UB(G) MVH-X375BT MVH-X175UI FH-X775BT FH-X575UI DXT Series
MXT Series

You can set Dimmer On and Off* to a particular time (to go home and to commute, respectively, for example) according to your lifestyle, so you do not need to manually activate or deactivate the dimmer repeatedly at the same regular time.

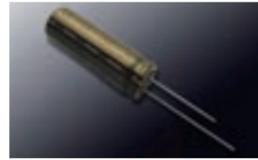
*Times for Dimmer On and Off can be separately adjusted in 10-minute intervals and set.



Specialized Audio Parts

DEH-9450UB DEH-X9650BT DEH-X9650SD

Our engineers perform listening tests with expert care to incorporate specially designed parts that make for superior audio quality. Take Pioneer's new receiver. Its high-capacitance audio capacitor has particularly strong influence on audio signal input for higher performance sound reproduction. Audio control functions like 5-band GEQ and LPF/HPF take advantage of electronic circuitry that improves sound quality and minimizes analog signal degradation.



High-capacitance capacitor for audio (DEH-9450UB only)



Electronic volume control IC for Audio



Advanced Sound Retriever

All Audio Receivers

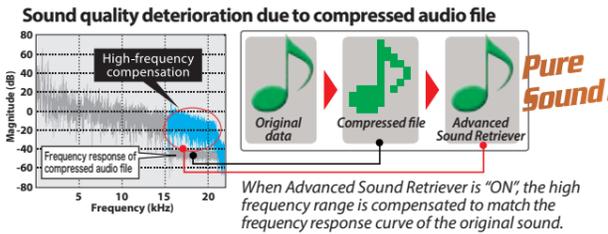
Hear the detail, warmth and clarity, the way the artist intended it, from all of your highly compressed MP3 and WMA files stored on USB device, iPod®, Android** phone and portable media players. By restoring data (especially higher frequencies) that tend to get lost in the digital compression process, Pioneer's Advanced Sound Retriever technology enhances audio reproduction nearly all the way up to 20 kHz frequencies.

* Not compatible with DEH-X1750UB(G), FH-X365UB and DXT Series.
** Not compatible with DEX-P99RS, DEH-80PRS, DEH-9450UB, FH-XL755BT and FH-XL555UI.

Advanced Sound Retriever for Bluetooth® Wireless Audio

DEH-X9650BT DEH-X8750BT DEH-X6750BT DEH-X4750BT MVH-X565BT
MVH-X375BT FH-XL755BT FH-X775BT MXT-X376BT

Advanced Sound Retriever also improves the sound of Bluetooth wireless audio streams.



5-Band Graphic EQ

All Audio Receivers (Except DEX-P99RS and DEH-80PRS)

5-Band Graphic Equalizer allows more precise adjustment of acoustic settings to suit the car's interior conditions, your personal preferences and the sound mood that you seek.



Music Browser

DEH-80PRS DEH-9450UB DEH-X9650BT DEH-X9650SD DEH-X8750BT DEH-X7750UI

With so many selections filling your USB device, why can't it be easy to find the music you want in an instant? With a conventional system, files are not displayed alphabetically, making it difficult to search for a song. But Pioneer's built-in Music Browser function automatically lists those tunes alphabetically, using audio file tag information, by Artist, Album, Song or Genre. Alphabetical search makes it especially quick and convenient to get what you want to hear from a big archive of tunes.

Compatible Source

USB Device: DEH-9450UB DEH-X8750BT DEH-X7750UI

USB Device & SD/SDHC Memory Card: DEH-80PRS DEH-X9650BT DEH-X9650SD

Conventional: No alphabetical song search. Folder and Song file appear in the same layer.

Menu Tree: Lists by Artist, Album, Song or Genre in alphabetical order.

Speedy access to desired song: * All in easy-to-find alphabetical order

Dual USB Ports

DEH-80PRS DEH-9450UB DEH-X9650BT DEH-X9650SD

More connectivity adds more convenience and utilities. For example, you can listen to music from a USB device while charging your smartphone.

Illuminated USB Terminal

DEH-X6750BT DEH-X3750UI DEH-X4750BT DEH-X2750UI DEH-X1750UB(G)
MVH-X375BT MVH-X175UI FH-XL755BT FH-XL555UI FH-X775BT
FH-X575UI FH-X365UB DXT Series MXT Series

Glowing USB terminal brightens the car interior and are easy to identify as needed at night.

Be Cool. Bright!
Illumination emerges when the cap of the USB port is opened.

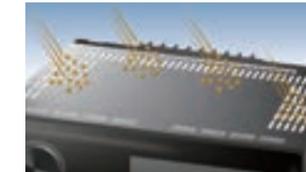
Anti-Dust Design*

All Audio Receivers (Except DEX-P99RS, MVH-X565BT, MVH-X465UI, MVH-X375BT, MVH-X175UI, MXT-X376BT and MXT-X176UI)

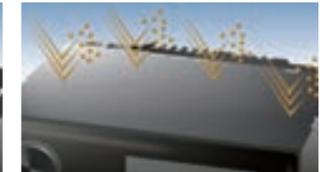
Pioneer heat release structure can reduce ventilation holes & clearance gaps. The results are optimally efficient heat dissipation and prevention of entry of dust that can cause malfunction.

*The effect might change depending on the environment of the car.

Anti-Dust Structure Image



Non-anti-dust design



Anti-dust design

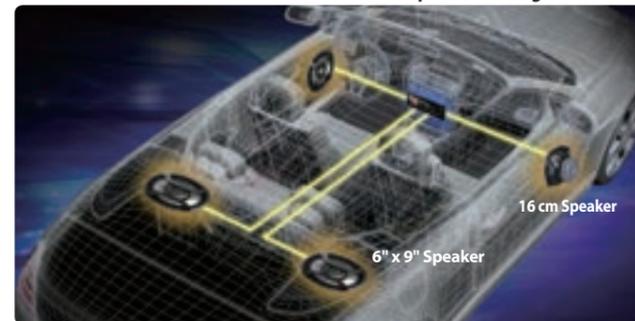
Higher Reliability

Package System Configurations

DXT-X1769UB DXT-X176UB MXT-X376BT MXT-X176UI

Pioneer's new package models containing an audio receiver and bundled speakers are ideal for entry-level customers who want to upgrade their car audio system with ease.

DXT-X1769UB: Audio Receiver + 16 cm & 6" x 9" Speaker Package



DXT-X176UB/MXT-X376BT/MXT-X176UI: Audio Receiver + 16 cm Speaker Package



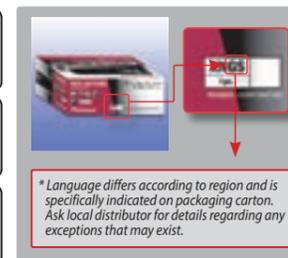
Multi-Language Display

MULTI-LANGUAGE DISPLAY

DEX-P99RS DEH-80PRS DEH-9450UB DEH-X9650BT DEH-X9650SD
DEH-X8750BT DEH-X7750UI

Pioneer audio receivers feature Multi-Language Display.

- Asia/Middle East/Oceania** (GS*)
English/Spanish/Portuguese/Arabic/Persian
- Central America/Latin America** (CS*)
English/Spanish/Portuguese
- Asia/Middle East/Oceania/Central America/Latin America** (ES*)
English/Spanish/Portuguese



Universal Steering Wheel Control*

NEW

DEH-X8750BT DEH-X7750UI DEH-X6750BT DEH-X3750UI DEH-X4750BT
DEH-X2750UI DEH-X1750UB(G) MVH-X375BT MVH-X175UI FH-X775BT
FH-X575UI DXT Series MXT Series

You can now use buttons on your car steering wheel to control certain car receiver functions. Setup is simple. Just choose your car brand name in the receiver's PRESET setting interface to automatically ensure compatibility of your vehicle's original steering wheel controller with the system.

* Available in GS models only. Required cable is not included, and must be purchased separately. Please contact a nearby local Pioneer Service Center or branch for details.



DEH-155MP/DEH-155MPG

Audio Receiver with MP3 Playback, Remote Control, and Front AUX-In



DEH-155MP

DEH-155MPG



Main Features

- CD Player
- LCD Display (12-Character)
- LED Backlight
- AUX Input (Front)
- MP3/WMA/WAV Playback
- Advanced Sound Retriever
- MOSFET 50 W x 4
- Supertuner® IIID
- Shortwave Tuner
- RDS
- RCA Preout x 1 (2 V)
- 5-Band Graphic EQ
- Anti-Dust Design
- Wired Remote Input
- Display Off Mode
- Detachable Face Security™
- Rotary Volume Control
- Card Remote Control

Rear Panel



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Pioneer on Amplifier Development — toward higher reliability and sound quality



● High Reliability

An amplifier's circuitry needs to be durable to handle the harsh automotive conditions it'll encounter such as heat, vibration, and voltage fluctuations. Pioneer systematically designs each of its car audio amplifiers for reliable, durable, and rugged performance. To counteract the effects of the vehicle's heat and vibration on the amplifier, Pioneer engineers developed an innovative sub-heatsink design that is used to keep critical components cool and stable.

● High Power

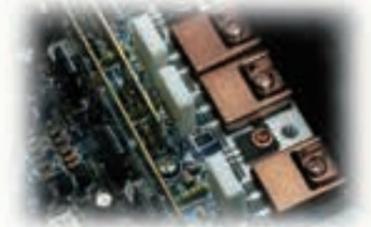
Pioneer's amplifiers powered the first car audio system to exceed 180 decibels—simultaneously breaking records and creating history. In the world of SPL competition, amplifiers are subjected to extreme conditions—way beyond those experienced in normal listening conditions. Pioneer's award-winning and competition-proven amplifiers deliver an incomparable combination of power, technology, reliability and expertise that's perfect for the consumer and unlike any competitor.

● High Technology

While musical taste may be subjective, accurate music response isn't. Realizing that component vibration within an amplifier can create audible musical distortion, Pioneer engineers methodically evaluated all aspects of amplifier circuit and chassis designs. The result was the creation of what Pioneer calls Total Vibration Control Technology. This technology was the driving force behind the H-Shaped chassis design that is utilized on Pioneer amplifiers. This unique chassis helps quell vibrations 25% faster than conventional designs, ensuring accurate musical response—regardless of the type of music.

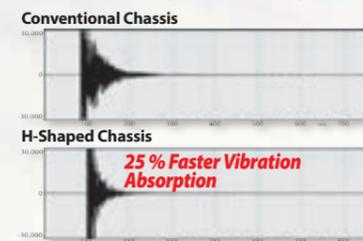
● Commitment to Sound

Pioneer's commitment to sound quality began over seventy years ago with the development of its first home audio speaker. A passion for audio combined with a methodical approach to innovation consistently deliver the best in musical enjoyment. Truly great sound quality goes beyond measurement, as there is no specification that truly defines an awesome musical experience. Dedication to sound quality is at the heart of Pioneer's ongoing quest for musical perfection.



Total Vibration Control

Vibrational Absorption Time Comparison



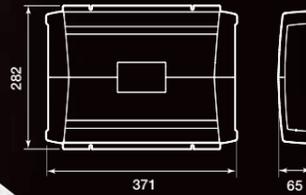
PRS-A900



PRS-A900

400 W MAX.

4-Channel Bridgeable Amplifier with Filter-less Design for the Purest Sonic Reproduction Possible



Key Selling Points

- **Ultimate in distortion-free sound quality and elimination of influence of vibration and noise using a "H" form chassis along copper-plated power transistor mounts.**
- **Left and right channel independent power supplies direct electric current with superior stability and effectiveness.**
- **Strictly tested and tuned high capacity power supply capacitor provides enhanced stability in driving high-power output.**

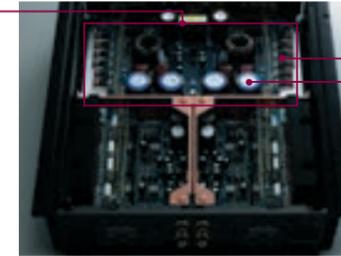


Go for Higher-Grade Circuits and Parts

Advanced Signal Path Design

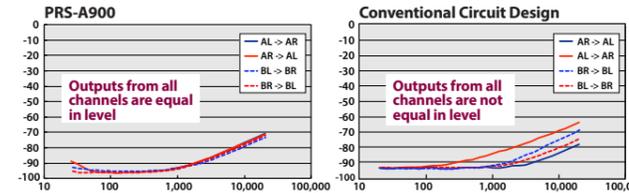
Left and Right Channel Independent Power Supply

Large, independently mounted DC-DC converter power supplies direct electric current with superior stability and effectiveness. The DC-DC power supply is mounted away from the PRS-A900's amplification circuitry and isolated with dividers to prevent jitter noise and to improve the signal to noise (S/N) ratio.



L/R symmetric circuit layout improves channel separation.

Superior Channel Separation



PRS-A900: Excellent separation among all channels

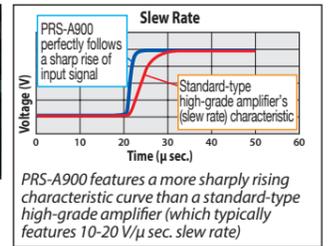
Superior Selection of Internal Components

Current Feedback-Type Amplifier Circuit

Distinctive characteristics of this circuit include: high slew rate of 70 V/μ sec. which allows for precise output gain while perfectly following a sharp rise of input signal; wide range linear amplification of input signal, with less tendency to overshoot/undershoot; and very low distortion while driving high output power.



Current feedback-type amplifier circuit



PRS-A900 features a more sharply rising characteristic curve than a standard-type high-grade amplifier (which typically features 10-20 V/μ sec. slew rate)

Pioneer's Unique High-Capacity Power Supply Capacitor for Audio



Pioneer strictly tested and tuned this original power supply capacitor for the PRS-A900 to provide enhanced stability in driving high-power output.

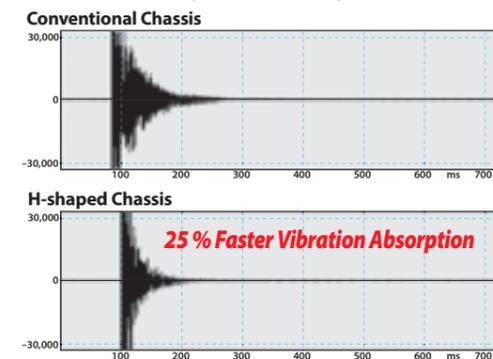
The Ultimate in Distortion-Free Sound Quality

H-shaped Chassis

The conditions inside an automobile aren't always conducive to faithful audio reproduction. The natural vibrations of a vehicle as it cruises down the road can be transferred to the components inside an amplifier - causing audible distortion. Advanced resonance frequency testing on various back cover chassis designs led to Pioneer's development of the "H" form chassis, which stabilizes the amplifier and its internal componentry by absorbing outer vibration with superior speed.

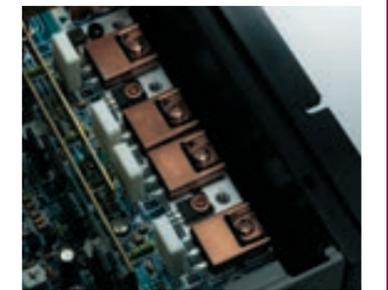


Vibrational Absorption Time Comparison



Copper-Plated Power Transistor Mounts

Eliminates influence of vibration and noise, and cuts even slight high-range sound distortion.



Specifications

	PRS-A900
Number of Channels	4/3/2
Max. Wattage (4 Ω)	100 W x 4
Max. Wattage Bridged (4 Ω)	200 W x 2
Wattage RMS (4 Ω <= 1% THD+N)	50 W x 4
Wattage RMS (2 Ω <= 1% THD+N)	50 W x 4
Wattage RMS Bridged (4 Ω)	100 W x 2
Frequency Response	10 Hz to 100 kHz
Total Harmonic Distortion (1 kHz, 4 Ω)	<0.003 %
Signal-to-Noise Ratio (IHF-A Weighted, at 1 kHz)	>108 dB
Dimensions (W x H x D)	371 mm x 65 mm x 282 mm

PRS-D800

600 W MAX.

Class-FD 2-Channel Bridgeable Amplifier

Class FD RCA INPUT



GM-D9604

1,600 W MAX.

Class-FD 4-Channel Bridgeable Amplifier with Bass Boost Remote

Class FD Variable LPF Variable HPF Bass Boost Remote 1ohm RCA IN/OUT



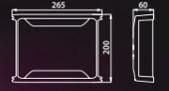
Champion series

GM-D8604

1,200 W MAX.

Class-FD 4-Channel Bridgeable Amplifier with Bass Boost Remote

Class FD Variable LPF Variable HPF Bass Boost Remote 1ohm RCA IN/OUT



GM-D9601

2,400 W MAX.

Class-D Mono Amplifier with Bass Boost Remote

Variable LPF RCA IN/OUT Speaker Input Bass Boost Remote 1ohm



GM-D8601

1,600 W MAX.

Class-D Mono Amplifier with Bass Boost Remote

Variable LPF RCA IN/OUT Speaker Input Bass Boost Remote 1ohm



Key Selling Points

- Audio quality benefits from careful parts selection and exacting design precision.
- Extra compact design makes for easy installation without compromising sound quality.
- Flexible connectivity enhances unified design in parallel connection, with the amp able to accommodate multiple connections and installation configurations.

Audio Quality

Class-FD Amplifier

High Performance High-Slew Rate Operational Amp

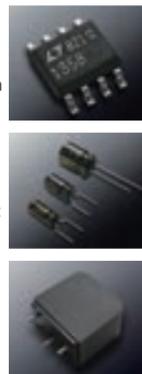
The PRS amplifier includes Linear Technology Corporation's high-performance high-slew rate operational amplifier in the circuitry that generates PWM (Pulse Width Modulation) signals from analog input signals with amazing accuracy. The result: very linear music reproduction with low distortion rate.

Electrolytic Capacitor for Audio

Extensive listening tests went into selecting and mounting an audio capacitor for optimal audio frequency response and dynamic range that are characteristics of high-end sound tone and detail.

OFC (Oxygen-Free Copper) Wire Coil for Output

The LPF output of the Class-D amplifier features OFC wire coil for low DC (Direct Current) resistance and low loss, so that speakers can be driven strongly to produce tight bass and clear, vivid mid- and high-range sound.

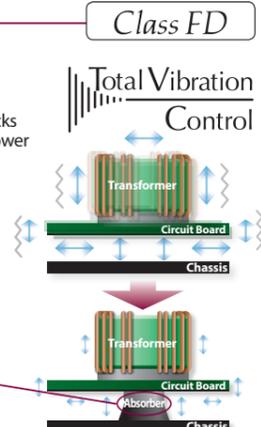


TVC (Total Vibration Control) Concept

Anti-vibration material under the transformer thoroughly eliminates vibration that normally blocks sound when high current is applied, enhancing power flow stability, minimizing distortion, and raising signal-to-noise ratio.

Vibration of the transformer, when transmitted to the circuit board, can compromise sound quality.

The circuit board is absorbed and transformer vibration is suppressed, preventing sound degradation.



Class FD

Compact Design

Very Compact Design for Extra Flexibility of Installation

Functionally separated circuit layout and four-layer circuit board are designed to integrate mounted parts, reduce circuit impedance, and maintain high performance and sound quality. The design's efficient heat dissipation is ideal for an amplifier that is compact enough to be installed in various places in a car.



Slimmed Down 58%

PRS-D800

Specifications

	PRS-D800
Number of Channels	2/1
Max. Wattage (4 Ω)	250 W x 2
Max. Wattage Bridged (4 Ω)	600 W x 1
Wattage RMS (4 Ω ≤ 1% THD+N)	125 W x 2
Wattage RMS (2 Ω ≤ 1% THD+N)	150 W x 2
Wattage RMS Bridged (4 Ω)	300 W x 1
Frequency Response	10 Hz to 30 kHz
Total Harmonic Distortion (1 kHz, 4 Ω)	<0.004 %
Signal-to-Noise Ratio (IHF-A Weighted, at 1 kHz)	>105 dB
Dimensions (W x H x D)	255 mm x 50 mm x 104 mm

Key Selling Points

- Very efficient and compact, the Class-D amp is capable of amazingly high power output.
- Highly stable, durable circuitry enables 1Ω connection with continuous output.
- Variable LPF and HPF enhance system tuning flexibility. Bass Boost Remote lets listeners optimize the bass level according to preference and type of music being played.

Variable LPF Variable HPF Bass Boost Remote 1ohm

Growing Power, Shrinking Size

Pioneer's new extra-efficient Class-D digital amplifiers mark a dramatic improvement in power output capability, yet are much smaller than Class-AB amplifiers. That makes them more versatile in terms of installation as well as performance.

More Impact Made More Compact
Slimmed down 50%*
*Measured by cubic volume.

Dramatically Higher Power Output

Conventional Class-AB Amplifier vs. New Class-D Amplifier

GM-D9500F: 800 W max. vs. GM-D8604: 1,200 W max.

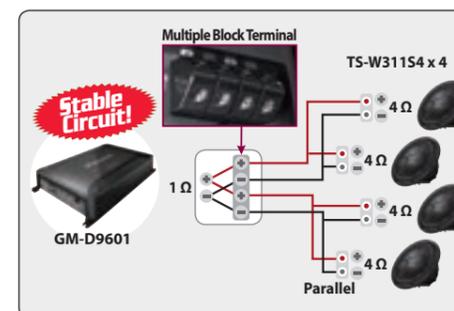
GM-D8500M: 1,200 W max. vs. GM-D9601: 2,400 W max.

GM-D7500M: 800 W max. vs. GM-D8601: 1,600 W max.



Highly Reliable Circuit Design

To prevent circuit shutdown, Pioneer's new digital amplifier circuit "Protection Control System" senses its internal temperature and automatically moderates input level accordingly. Stable, durable circuitry lessens the risk of high input power for the unit to achieve 1 Ω connection. This design enhances the flexibility to connect multiple subwoofers to a system.

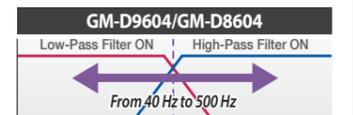


1ohm

For Extra Versatility

Variable LPF/HPF

For extra flexibility, variable LPF and HPF make audio frequency more adjustable according to subwoofer characteristics and personal listening preferences.



GM-D9604 GM-D8604 Variable LPF/HPF: 40 Hz — 500 Hz
GM-D9601 Variable LPF: 40 Hz — 240 Hz
GM-D8601 Variable LPF: 40 Hz — 240 Hz

Bass Boost Remote

Every new Class-D amplifier has a Bass Boost Remote Controller for optimal bass level adjustment according to listening preferences and music characteristics.



Automatic Signal Sensing and Turn-ON

Pioneer's Class-D amplifier automatically selects an input signal mode between the RCA level and the speaker level detecting an input signal. Further, when the receiver is turned on, the amplifier will automatically turn on.

Specifications

	GM-D9604	GM-D9601	GM-D8604	GM-D8601
Number of Channels	4/3/2	Mono	4/3/2	Mono
Max. Wattage (4 Ω)	260 W x 4	1,000 W x 1	200 W x 4	600 W x 1
Max. Wattage (2 Ω)	400 W x 4	1,600 W x 1	300 W x 4	1,000 W x 1
Max. Wattage (1 Ω)	260 W x 4	2,400 W x 1	250 W x 4	1,600 W x 1
Max. Wattage Bridged (4 Ω)	800 W x 2	—	600 W x 2	—
Wattage RMS (4 Ω ≤ 1% THD+N)	130 W x 4	500 W x 1	100 W x 4	300 W x 1
Wattage RMS (2 Ω ≤ 1% THD+N)	200 W x 4	800 W x 1	150 W x 4	500 W x 1
Wattage RMS (1 Ω ≤ 1% THD+N)	130 W x 4	1,200 W x 1	125 W x 4	800 W x 1
Wattage RMS Bridged (4 Ω)	400 W x 2	—	300 W x 2	—
Frequency Response	10 Hz to 50 kHz	10 Hz to 240 Hz	10 Hz to 50 kHz	10 Hz to 240 Hz
Total Harmonic Distortion (1 kHz, 4 Ω)	<0.05 %	<0.5 % (100 Hz)	<0.05 %	<0.5 % (100 Hz)
Signal-to-Noise Ratio (IHF-A Weighted)	>95 dB	>100 dB	>95 dB	>100 dB
Dimensions (W x H x D)	315 mm x 60 mm x 200 mm	315 mm x 60 mm x 200 mm	265 mm x 60 mm x 200 mm	265 mm x 60 mm x 200 mm

GM-D1004

NEW 400 W MAX.

Class-FD 4-Channel Amplifier

Class FD LPF HPF RCA INPUT SPEAKER INPUT

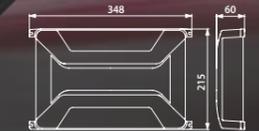


GM-A6604

760 W MAX.

4-Channel Bridgeable Amplifier with Bass Boost Volume Control

Variable LPF HPF RCA INPUT SPEAKER INPUT Bass Boost

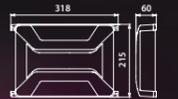


GM-A4604

480 W MAX.

4-Channel Bridgeable Amplifier

Variable LPF HPF RCA INPUT SPEAKER INPUT

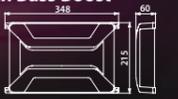


GM-A5602

900 W MAX.

2-Channel Bridgeable Amplifier with Bass Boost Volume Control

Variable LPF RCA INPUT SPEAKER INPUT Bass Boost

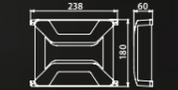


GM-A3602

400 W MAX.

2-Channel Bridgeable Amplifier

LPF RCA INPUT SPEAKER INPUT

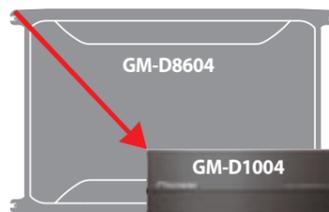


Key Selling Points

- Compact design makes for easy installation behind the center console or inside the console box.
- Achieves higher power output despite compact dimensions.
- GM-D1004 incorporates various outstanding features including TVC (Total Vibration Control) Concept, Automatic Signal Sensing and Turn-ON, and others.

Ultra Compact Design

Despite compact dimensions, high power 100 W x 4-ch. achieves maximum output to deliver clear, powerful sound even at loud volumes.



86% Smaller*
* Measured by cubic volume.

Easy Installation

Electric power is supplied to the amplifier behind the center console or inside the console box, simplifying wiring and installation so you can upgrade sound quality from a system using a receiver's built-in amplifier.

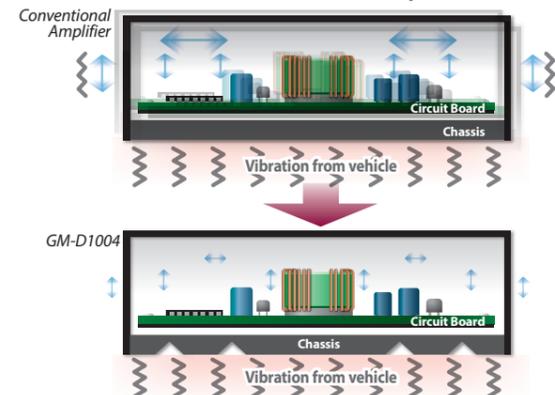


TVC (Total Vibration Control) Concept

Grooves on bottom of chassis suppresses vibration that normally blocks sound when high current is applied, enhancing power flow stability, minimizing distortion, and raising signal-to-noise ratio.



TVC (Total Vibration Control) Conceptualization



Automatic Signal Sensing and Turn-ON

When connected to an OEM receiver or a receiver without RCA input using speaker wire, the amplifier is turned on at the same time as the receiver. Pioneer's amplifiers automatically detect an input signal and select an input signal mode between the RCA level and the speaker level.

Specifications

	GM-D1004
Number of Channels	4/3/2*
Max. Wattage (4 Ω)	100 W x 4
Max. Wattage (2 Ω)	100 W x 4
Max. Wattage Bridged (4 Ω)	200 W x 2*
Wattage RMS (4 Ω <= 1% THD+N)	45 W x 4
Wattage RMS (2 Ω <= 1% THD+N)	45 W x 4
Wattage RMS Bridged (4 Ω)	90 W x 2*
Frequency Response	10 Hz to 40 kHz
Total Harmonic Distortion (1 kHz, 4 Ω)	<0.05 %
Signal-to-Noise Ratio (IHF-A Weighted)	>90 dB
Dimensions (W x H x D)	181 mm x 38 mm x 64 mm

* 3-/2-channel and bridged connection wattage specifications available for the UC model only. Refer to product box for regional availability.

Key Selling Points

- Available variable low pass and high pass filters allow for greater system tuning flexibility. (Variable HPF: GM-A6604/GM-A4604, Variable LPF: GM-A6604/GM-A4604/GM-A5602)
- New GM-A series amps incorporate various outstanding features including Bass Boost, Automatic Signal Sensing and Turn-ON, and others.
- Achieves higher power output despite compact dimensions.

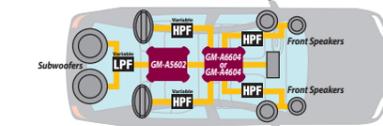
Variable LPF/HPF

GM-A6604/GM-A4604 LPF HPF GM-A5602 LPF

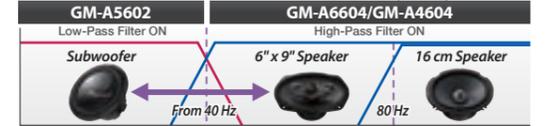
Variable LPF and HPF allow for adjustable frequency between 40 Hz to 500 Hz* and greater car audio system flexibility according to subwoofer characteristics and personal listening preference.

*GM-A6604/GM-A4604: Variable LPF/HPF (B-ch.), Fixed LPF/HPF (A-ch.), GM-A5602: Variable LPF

Subwoofer dedicated to deeper bass sound



Variable LPF/HPF Crossover Frequency Image



Adjust cutoff frequency flexibly according to subwoofer characteristics and personal listening preference.

Bass Boost

Bass Boost featured in the GM-A6604 can be set to levels variably between 0 to 12 dB for optimal bass. This precise control can enhance the overall balance and impact of all sounds, according to listening preference and music style. The GM-A5602 allows adjustment in three steps: 0 dB, 6 dB or 12 dB.

Bass Boost

Automatic Signal Sensing and Turn-ON

Pioneer's amplifier automatically selects an input signal mode between the RCA level and the speaker level detecting an input signal. Further, when the receiver is turned on, the amplifier will automatically turn on. When connected with an OEM receiver or receiver without RCA input using speaker line, the amplifier has its power turned on in sync with the receiver.

Growing Power, Shrinking Size

New Pioneer amps brilliantly integrate high-power performance superior to that of previous models in space-efficient size for flexibility of installation in various car cabins.



GM-5500T: 820 W max. vs. GM-A5602 900 W max.

Specifications

	GM-A6604	GM-A4604	GM-A5602	GM-A3602
Number of Channels	4/3/2	4/3/2	2/1	2/1
Max. Wattage (4 Ω)	120 W x 4	80 W x 4	300 W x 2	120 W x 2
Max. Wattage (2 Ω)	190 W x 4	120 W x 4	450 W x 2	200 W x 2
Max. Wattage Bridged (4 Ω)	360 W x 2	240 W x 2	900 W x 1	400 W x 1
Wattage RMS (4 Ω <= 1% THD+N)	60 W x 4	40 W x 4	150 W x 2	60 W x 2
Wattage RMS (2 Ω <= 1% THD+N)	90 W x 4	60 W x 4	225 W x 2	90 W x 2
Wattage RMS Bridged (4 Ω)	180 W x 2	120 W x 2	450 W x 1	180 W x 1
Frequency Response	10 Hz to 70 kHz			
Total Harmonic Distortion (1 kHz, 4 Ω)	<0.05 %	<0.05 %	<0.05 %	<0.05 %
Signal-to-Noise Ratio (IHF-A Weighted)	>95 dB	94 dB	>96 dB	>95 dB
Dimensions (W x H x D)	215 mm x 60 mm x 348 mm	215 mm x 60 mm x 318 mm	215 mm x 60 mm x 348 mm	180 mm x 60 mm x 238 mm

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- / Active Subwoofers** 62



DELVE DEEPER

Applying the kind of innovation that made its SPL subwoofers world championship winners, Pioneer makes all of its subwoofers superior at delivering massive punch for maximum impact. With stunning dimensions of low-frequency depth, Pioneer achieves the ultimate technical knockout.

Champion series - PRO

Champion Series Subwoofer

Built on the strong foundation of the world's top-performing SPL subwoofer, Champion Series subwoofers broaden the reach of Pioneer's spirit and technology toward new horizons. Their reliability, power and capability to produce big, clear, distortion-free sound are simply incomparable in their class.

Shallow Subwoofer

Our line of shallow subwoofers are designed to provide wider installation options for a broad range of vehicles. These shallow-mount subwoofers feature unique design to deliver big bass performance like a full-size subwoofer, but in a compact design that can be installed either behind or under seats depending on the type of vehicle.

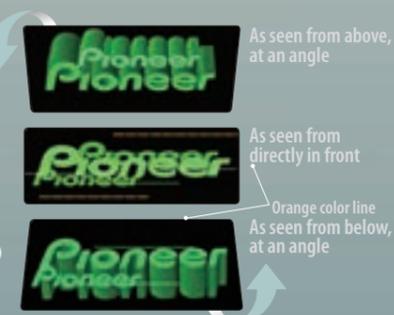
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Pioneer Official 3D Hologram

Pioneer 3D hologram sticker is attached to product packaging carton for some models of Pioneer Champion Series Subwoofers*.

Green images of 3D hologram logo



* Models TS-W3003D4, TS-W311D4, TS-W311S4, TS-W261D4, TS-W261S4 and TS-W311. In this Dealer Reference Guide, these particular subwoofers and 3D hologram logo appear as in examples below. The product that has a 3D hologram sticker attached to its packaging carton features this logo on product page. Please see product page for more details.

TS-W3003D4 2,000 W MAX. **3D HOLOGRAM**

30 cm (12") Champion Series PRO Subwoofer

Champion series - PRO

TS-W3003D4

2,000 W MAX.



Champion series - PRO

30 cm (12") Champion Series PRO Subwoofer



TS-W3003D4 Cut View

IMPP Composite Seamless Cone

An extremely rigid yet lightweight cone is vital to prevent cone failure at high sound pressure levels. Pioneer's IMPP Composite Seamless Cones meet this need perfectly.

Drive Cone for Louder Sound

Fiber material blended in the drive cone improves sound response.

Highly Rigid Shaped Basket

Four ribbed arms strengthen the basket stiffness while body basket shape has been slimmed down.

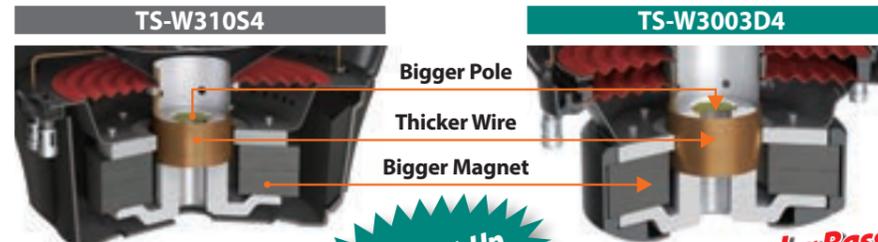
More Rigid Basket!

Air Vent

The movement of air within the subwoofer is smoothly channeled for optimal ventilation to ensure a quick response and clear reproduction of bass.

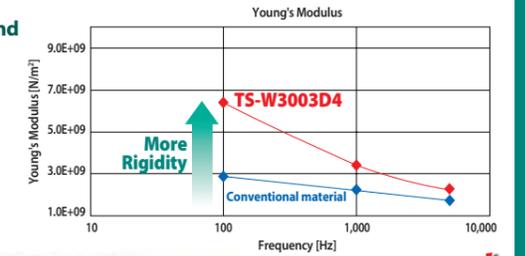
Large-Sized Magnetic Circuit and Projected Pole

A large magnetic circuit and projected pole that brilliantly dissipates heat help to deliver higher power sound. The projected pole helps reproduce more accurate, linear sound by improving the symmetry of vertical magnetic flux distribution.



Bl 26% Up

Bl parameter is force factor. Higher force factor = Higher drive power

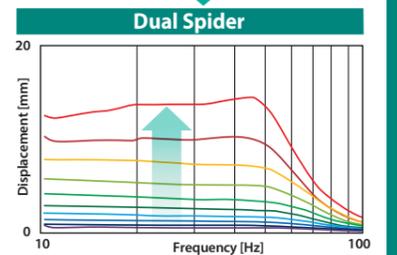
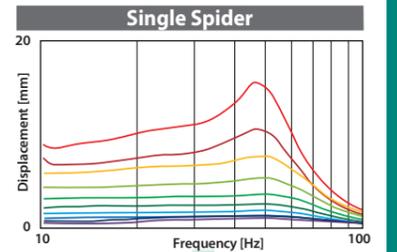


Louder Bass!

Dual-Layer Surround Fiber Reinforced Elastic Polymer

Dual Spider

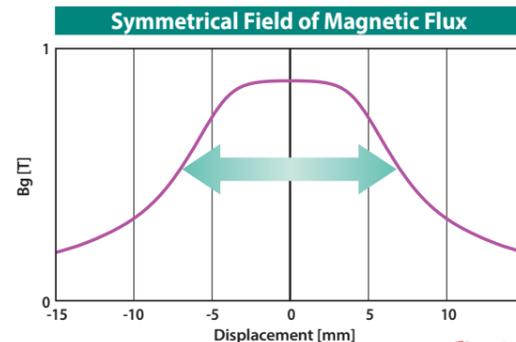
Two spiders supporting the voice coil effectively dampen large cone vibration and enhance linearity of sound reproduction.



High Linearity!

Key Selling Points

- Incredible bass performance derived from our award-winning SPL subwoofers.
- New structure enhances linearity of cone movement to input signal. This ensures accuracy of sound reproduction even at high volumes.



More Accurate Sound!

Specifications

	TS-W3003D4
Size	30 cm
Max. Music Power (Nominal)	2,000 W (600 W)
Frequency Response	20 Hz to 80 Hz
Sensitivity (In Car/1 W)	96 dB
Impedance	4 Ω x 2
Mounting Depth	176 mm
Cut-Out Dimensions	ø283 mm
Recommended Enclosure	24.1 liters to 49.5 liters

For more details, see page 97 (Thiele-Small parameters) and 98 (Enclosures).

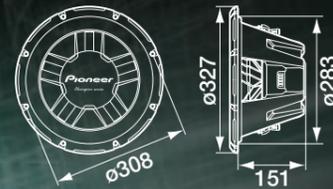
TS-W311D4/S4

1,400 W MAX. NEW 3D HOLOGRAM

30 cm (12") Champion Series Subwoofers
(TS-W311D4: 4 Ω Dual Voice Coil Type/TS-W311S4: 4 Ω Single Voice Coil Type)



Champion series



TS-W261D4/S4

1,200 W MAX. NEW 3D HOLOGRAM

25 cm (10") Champion Series Subwoofers
(TS-W261D4: 4 Ω Dual Voice Coil Type/TS-W261S4: 4 Ω Single Voice Coil Type)

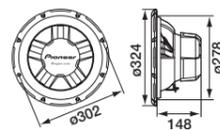


Key Selling Points

- Extreme performance derives from Pioneer's Championship-winning SPL subwoofers.
- The versatile subwoofer lineup provides for various types of installation.

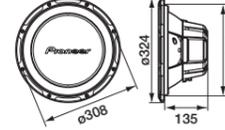
TS-W311 1,000 W MAX. NEW 3D HOLOGRAM

30 cm (12") Champion Series Subwoofer (Multi-Purpose Type)



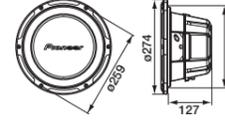
TS-W304R 1,300 W MAX.

30 cm (12") Component Subwoofer



TS-W254R 1,100 W MAX.

25 cm (10") Component Subwoofer



TS-W311D4 Cut View

IMPP Composite Cone

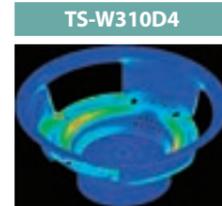
An extremely rigid yet lightweight cone is vital to prevent cone failure at high sound pressure levels. Pioneer's New IMPP Composite Cones meet this need perfectly. CAE (computer-aided engineering) has been applied to create a surface spoke design that ensures high durability and rigidity of the cone.

Air Vent

The movement of air within the subwoofer is smoothly channeled for optimal ventilation to ensure a quick response and clear reproduction of bass.

Fully Enclosed Basket

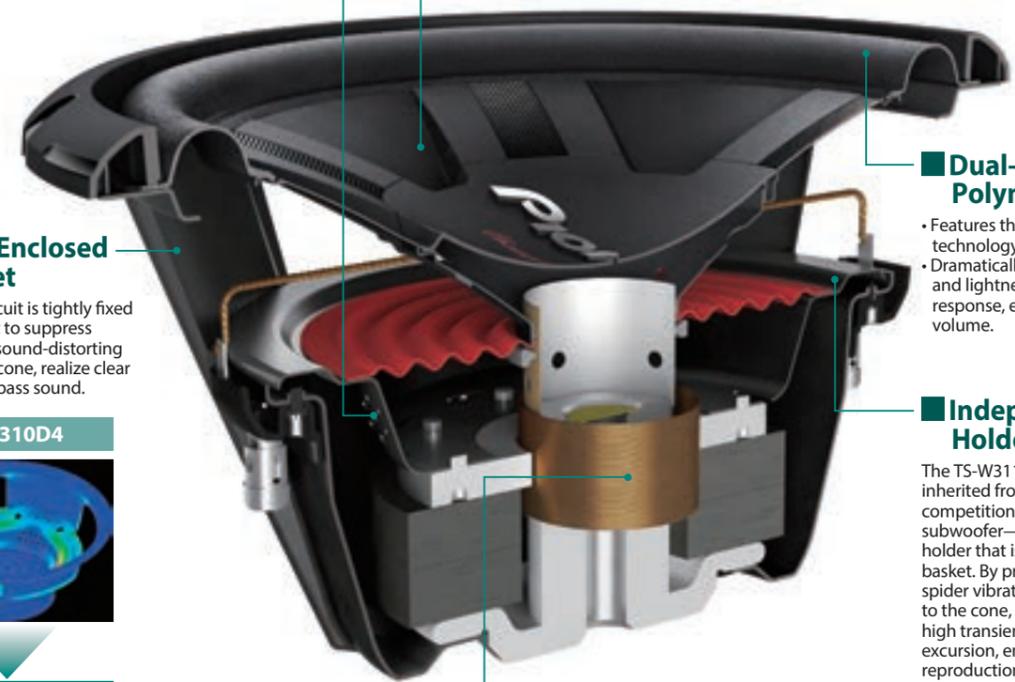
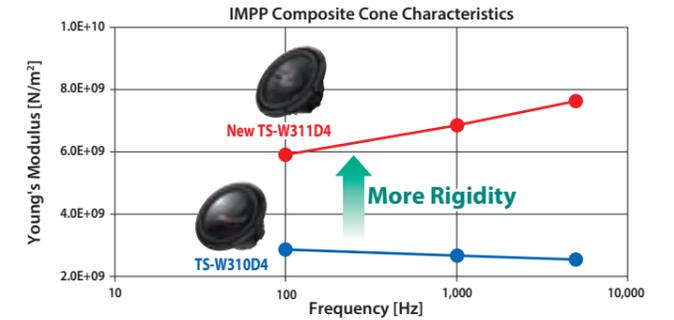
Magnetic circuit is tightly fixed to the basket to suppress undesirable sound-distorting recoil to the cone, realize clear and punchy bass sound.



Clear Bass!

4-Layer Copper Voice Coil with Aluminum Former

Aluminum former improves heat dissipation.

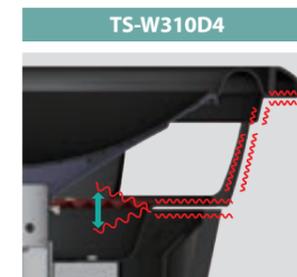


Dual-Layer Elastic Polymer Surround

- Features the world's first technology of its kind.
- Dramatically improves durability and lightness, for superior response, especially for louder volume.

Independent Spider Holder

The TS-W311D4 has a feature inherited from Pioneer's competition-dominating SPL subwoofer—an independent spider holder that is separate from the basket. By preventing propagation of spider vibration through the basket to the cone, this structure improves high transient and linearity of excursion, enhances clarity of sound reproduction.



High Linearity!

Specifications

	TS-W311D4	TS-W311S4	TS-W261D4	TS-W261S4	TS-W311	TS-W304R	TS-W254R
Size	30 cm	30 cm	25 cm	25 cm	30 cm	30 cm	25 cm
Max. Music Power (Nominal)	1,400 W (400 W)	1,400 W (400 W)	1,200 W (350 W)	1,200 W (350 W)	1,000 W (300 W)	1,300 W (300 W)	1,100 W (250 W)
Frequency Response	20 Hz to 125 Hz	20 Hz to 220 Hz	20 Hz to 220 Hz				
Sensitivity (In Car/1 W)	95 dB	95 dB	93 dB	93 dB	95 dB	95 dB	93 dB
Impedance	4 Ω x 2	4 Ω	4 Ω x 2	4 Ω	4 Ω	4 Ω	4 Ω
Mounting Depth	151 mm	151 mm	139 mm	139 mm	148 mm	135 mm	127 mm
Cut-Out Dimensions	ø283 mm	ø283 mm	ø235 mm	ø235 mm	ø278 mm	283 mm	ø235 mm
Recommended Enclosure	35.4 liters to 56.6 liters	35.4 liters to 56.6 liters	25.5 liters to 42.5 liters	25.5 liters to 42.5 liters	35.4 liters to 56.6 liters	24.1 liters to 49.5 liters	18.4 liters to 35.4 liters

For more details, see page 97 (Thiele-Small parameters) and 98 (Enclosures).

TS-SW3002S4 1,500 W MAX. NEW

30 cm (12") Shallow-Mount Component Subwoofer



ib-FLAT



Key Selling Points

- Get deep big bass from a small enclosure.
- Easy to install in virtually any vehicle.

TS-SW2502S4 1,200 W MAX. NEW

25 cm (10") Shallow-Mount Component Subwoofer



TS-SW2002D2 600 W MAX. NEW

20 cm (8") Shallow-Mount Component Subwoofer



TS-SW3002S4 Cut View

■ Oversized Cone

The TS-SW3002S4 utilizes an oversized cone structure that provides greater cone surface without changing its standard external dimension. This cone surface allows the subwoofer to produce louder and deeper bass by moving more air.



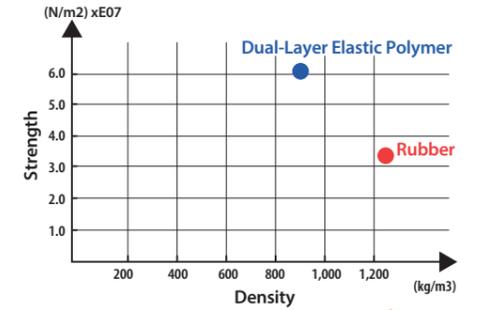
■ Mica Reinforced IMPP Cone

The cone structure of this subwoofer uses a highly rigid cone made with MICA injected molded resin which creates a rigid and durable cone, giving it the ability to produce accurate bass.

More Punchy Bass!

■ Dual-Layer Elastic Polymer Surround

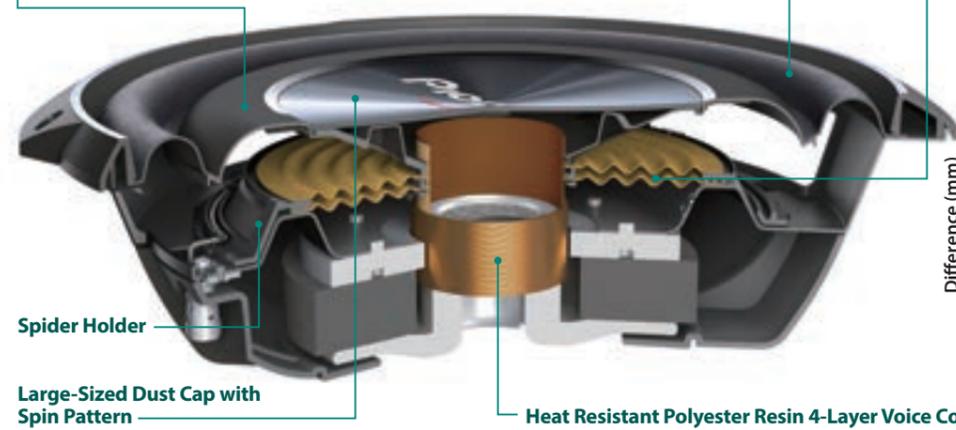
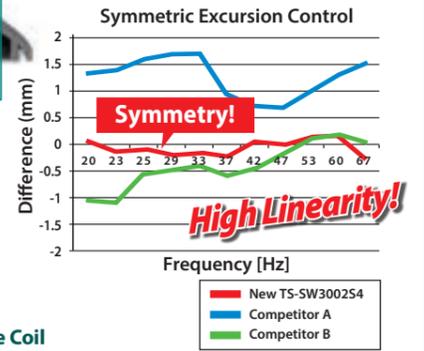
Dramatically improves durability and lightness, for superior response, especially for louder volume.



High Durability despite Lightweight!

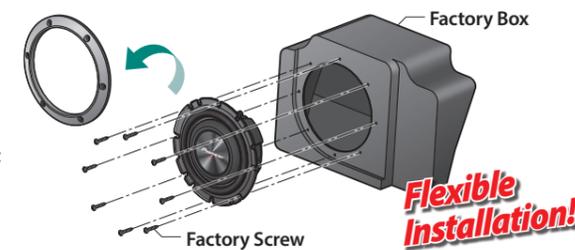
■ Dual Spider

Two spiders supporting the voice coil effectively dampen large cone vibration and enhance linearity of sound reproduction.



Ultimate Installation Flexibility — TS-SW2002D2

Removal of the detachable gasket from the TS-SW2002D2 uncovers several screw holes that allow for flexible installation in various types of vehicles. The subwoofer's mounting depth has been carefully determined according to survey of vehicle parameters, resulting in development of a shallow type subwoofer that fits right into the factory box.



Dual Voice Coil
TS-SW2002D2 is designed with 2 Ω DVC (Dual Voice Coil) that can be matched with various impedance OEM subwoofers and allows users to select 1 Ω or 4 Ω wiring.

1 Ω or 4 Ω

Specifications

	TS-SW3002S4	TS-SW2502S4	TS-SW2002D2
Size	30 cm	25 cm	20 cm
Max. Music Power (Nominal)	1,500 W (400 W)	1,200 W (300 W)	600 W (150 W)
Frequency Response	20 Hz to 125 Hz	20 Hz to 125 Hz	20 Hz to 200 Hz
Sensitivity (In Car/1 W)	93 dB	91 dB	86 dB
Impedance	4 Ω	4 Ω	2 Ω x 2
Mounting Depth	86 mm	78 mm	67 mm
Cut-Out Dimensions	ø298 mm	ø249 mm	ø179 mm
Recommended Enclosure	14.2 liters to 28.3 liters	9.9 liters to 19.8 liters	4.2 liters to 14.2 liters

For more details, see page 97 (Thiele-Small parameters) and 98 (Enclosures).

TS-WX305T 1,300 W MAX.

30 cm (12") Bass-Reflex Tube Type Subwoofer
• Dimensions (W x H x D): ø344 mm x 669 mm



TS-WX305B 1,300 W MAX.

30 cm (12") Bass-Reflex Subwoofer
• Dimensions (W x H x D): 500 mm x 379 mm x 280 mm



Key Selling Points

- High power and loud sound are achieved by incorporating a long voice coil and large magnetic circuit. (TS-WX305T/TS-WX305B)
- Instantly installable — there's no need to make an enclosure for the subwoofer.

TS-WX120A 150 W MAX.† NEW

20 cm x 13 cm Sealed Active Subwoofer
• Dimensions (W x H x D): 280 mm x 70 mm x 200 mm

† Output power



TS-WX210A 150 W MAX.†

20 cm (8") Sealed Active Subwoofer
• Dimensions (W x H x D): 250 mm x 118 mm x 265 mm



† Output power



TS-WX206A 150 W MAX.†

20 cm Bandpass Active Subwoofer
• Dimensions (W x H x D): 274 mm x 316 mm x 412 mm



† Output power



Key Selling Points

- Built-in amplifier simplifies installation, especially in tight spaces.
- Excellent for enjoying big bass sound, regardless of space limitations.

Technology of TS-WX305T and TS-WX305B

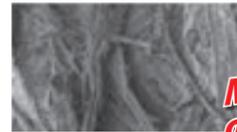
IMPP Composite Seamless Cone

An extremely rigid yet lightweight cone is vital to prevent cone failure at high sound pressure levels. Pioneer's IMPP Composite Seamless Cones meet this need perfectly.

Cone Body with Blended Fiber

The fiber material blended into the drive cone improves sound response.

Microscopic View



Cone body with fiber

More Rigid Cone and Louder Bass!

Large and Projected York Pole

Extending the yoke pole of the upper part to the upper side maintains symmetry of vertical cone motion, for sound reproduction of great linearity and accuracy.

Long Voice Coil with Enlarged Wire Diameter and Aluminum Bobbin

Use of thick magnetic wire and an aluminum bobbin ensures excellent durability to withstand high input power.

Urethane Rolled Edge with High Compliance

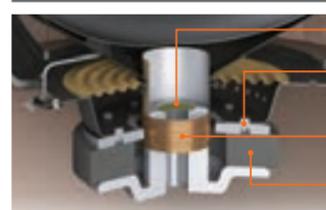
Air Vent

The movement of air within the subwoofer is smoothly channeled for optimal ventilation to the benefit of quick response and clear reproduction of bass.

Double Stacked High Energy Magnets

With two large magnets, the cone can be driven at high power.

Previous Model



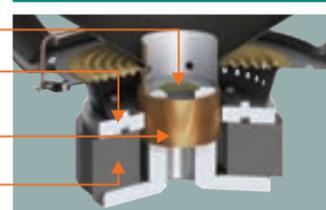
Bigger Pole

Thicker Plate

Thicker Wire Gauge & Wider Wind Width

Bigger Magnet

Bass-Reflex Subwoofer



Louder Bass and More Accurate Sound!

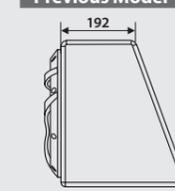
Eye-catching and Functional Port (TS-WX305B)



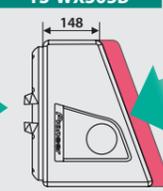
Installable in Less Space than Previous Subwoofer (TS-WX305B)

Producing high-power sound from an even shallower enclosure depth for easier installation.

Previous Model



TS-WX305B



23% Shallower
Easy Installation!

Technology of TS-WX120A

Flexible Installation

The TS-WX120A has the same width and depth as a previous model, but less height, so it can be easily installed under the seat in various types of cars.

Previous Model



TS-WX120A



Easy Installation!

Specifications

	TS-WX305T	TS-WX305B	TS-WX120A	TS-WX210A	TS-WX206A
Size	30 cm	30 cm	20 cm x 13 cm	20 cm	20 cm
Max. Music Power (Nominal)	1,300 W (350 W)	1,300 W (350 W)	150 W ⁽¹⁾ (50 W ⁽²⁾)	150 W ⁽¹⁾ (50 W ⁽²⁾)	150 W ⁽¹⁾ (60 W ⁽²⁾)
Frequency Response	20 Hz to 125 Hz	20 Hz to 125 Hz	30 Hz to 160 Hz	37 Hz to 200 Hz	35 Hz to 200 Hz
Sensitivity (In Car/1 W)	97 dB	95 dB	98 dB	102 dB	107 dB
Impedance	4 Ω	4 Ω	—	—	—

(1) Maximum output power (2) Nominal output power

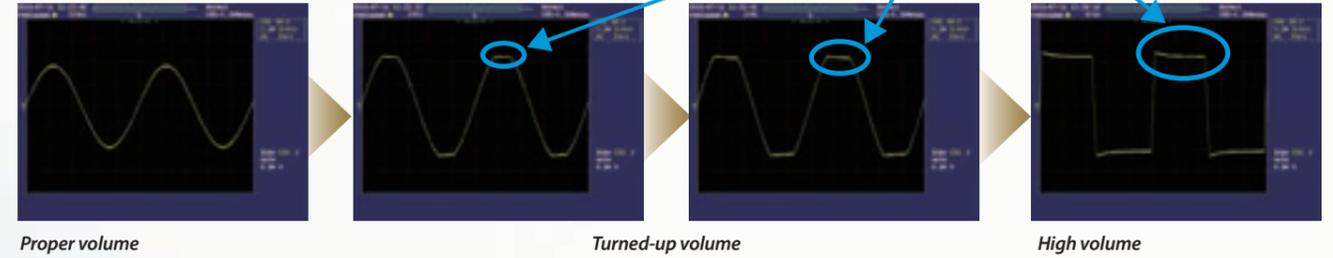


The Importance of High Sensitivity

Why is High Sensitivity important for the car speakers?

When you need to turn up the volume from the receiver, the greater the output signal from the receiver's amplifier, the more this signal is distorted, which may cause clipping noise.

Oscilloscope Images of Sound Distortion



How do high sensitivity speakers help sound?

Pioneer car speakers sound very clear and sufficiently loud at low receiver volume settings because high sensitivity specifications make the speakers responsive enough to reproduce sound with great precision, even at low receiver amplifier output signal levels.

Conventional Speaker	Pioneer Speaker
<p>Lacks impact Low SPL</p>	<p>Good sound! High SPL</p>
<p>Too noisy</p>	



INDEX

/ PRS Series Speakers	67	/ TS-G Series Speakers	80
/ TS-D Series Speakers	70	/ Champion Series Speakers	82
/ TS-A Series Speakers	74	/ Other Speakers	84
/ TS-R Series Speakers	78		

*The SPL using continuous power of a Pioneer receiver.

OPEN & SMOOTH™



Pioneer's Sound Concept: Open & Smooth

The "Open & Smooth" sound of Pioneer's industry-leading speakers delivers both sonic excellence and performance. The open-staging and smooth transition of driver response makes for an immersive experience that is truly the ultimate in-car sound.

Pioneering An Ideal

Absolute fidelity to musical sources takes form from speakers that reproduce the ambience in which sounds originate. Stage size, musicians' movement, aural reflection and other distinctive details all bring these sounds to life.

What is "Open & Smooth"?

Like a smooth, open road, the journey to more perfect in-car sound treats passengers to dramatic sensations moving with natural, dynamic flow.

Open: Open staging and sound characteristics enhance the widening effect that extends way beyond the space between speakers.

Smooth: With smooth transitions between mid-bass and tweeter, sound from these speakers is not marred by crossover frequency dips.

Why "Open & Smooth"?

Only by pursuing this ideal can we realize "accurate mid-range sound reproduction" and "music that lacks for nothing, with flat response".

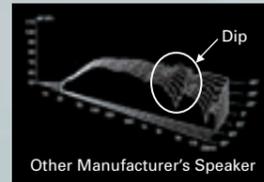
How "Open & Smooth"?

Pioneer's approach to ideal sound relies on a foundation of "Smoother Off-Axis Response", "Low Crossover Frequency", "Low Distortion" and "Rigid and Light weight cone structure".

Smoother Off-Axis Response

Superior Directivity: Pioneer PRS Speakers

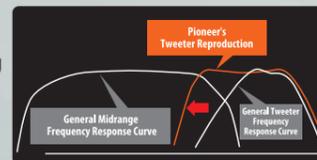
Pioneer PRS speakers always maintain more open, smooth, expansive, multidimensional sound, without the dramatic dips and inconsistencies that lesser speakers can produce.



Low Crossover Frequency

Wider Response, Lower Crossover Point

Pioneer extends tweeter performance to much lower frequencies, creating fuller midrange fidelity and clear, accurate vocals.



Low Distortion

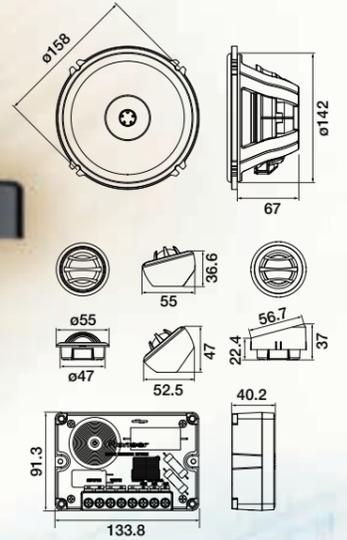
Pioneer speaker innovations to suppress distortion include revolutionary rigid yet lightweight IMPP cones that significantly reduce mid-to-low range distortion and reproduce sound staging to natural effect.

OPEN & SMOOTH™

TS-C172PRS

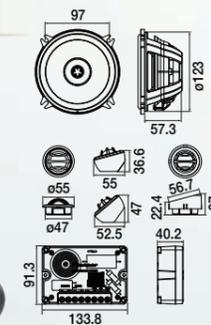
17 cm Component Speaker Package

OPEN & SMOOTH™



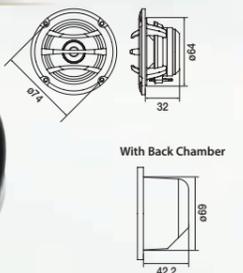
TS-C132PRS

13 cm Component Speaker Package



TS-S062PRS

66 mm Component Midrange Speaker



Key Selling Points

- Audiophile-grade speakers designed to stunningly recreate the musical performance in exact detail.
- Meticulous attention to detail in the materials and craftsmanship ensure the most subtle musical nuances are reproduced with extraordinary accuracy.
- New midrange component delivers amazing clarity to male and female vocal range.

The New Reference in Audio Excellence: The PRS 4-Way System

Complete your state-of-the-art system using the PRS 4-way speaker setup. Utilize the midrange along with one of the component speaker packages, and setup & adjust it all with the DEX-P99RS. This system results in truly spectacular imaging & staging, as the main male & female vocal ranges are covered by one driver (the midrange).

Pioneer Official 3D Hologram

Pioneer 3D hologram sticker is attached to product packaging carton for some models of Pioneer speakers*.



Green images of 3D hologram logo

* In this Dealer Reference Guide, particular speakers and 3D hologram logo appear as in examples below. The product that has a 3D hologram sticker attached to its packaging carton features this logo on product page. Please see product page for more details.

TS-A6995S 600 W MAX. 6" x 9" 5-Way Speaker



PRS Speaker Cut View — Tweeter

Smooth Off-Axis Response

Soft-Dome Diaphragm
The FEM (Finite Element Method) designed dome allows wide sound dispersion with flat & even response.

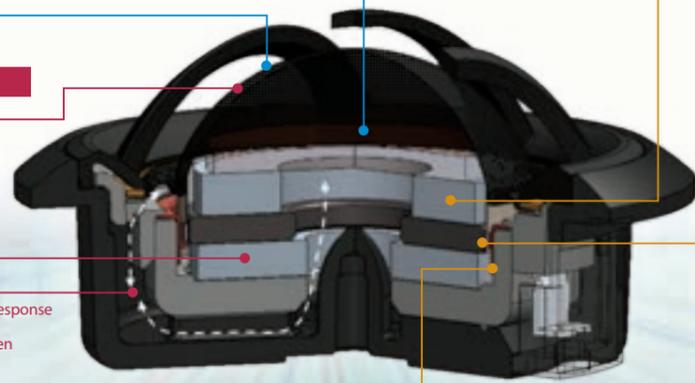
Sound Absorbing Material
Absorbs the back wave reflection from the moving tweeter diaphragm, preventing phase shifts or frequency cancellation-producing a smoother, more linear sound.

Lower Crossover Frequency

28 mm Large Sized Diaphragm

Main Magnet

Back Chamber
By utilizing a sealed rear cavity, low-end response of the tweeter is extended - allowing for a smoother transition infrequencies between tweeter and midrange.



OFC Short Ring
Focuses the magnetic field where it needs to be, increasing efficiency, lowering distortion and providing for more linear voice coil movement.

Low Distortion

Canceling Magnet
Reinforces the magnetic flux density to provide greater control and precisely linear performance.

PCOCC Voice Coil Wire**
The purity of the copper in voice coil wire plays a significant role in sound quality, which is why the use of OFC (Oxygen-Free Copper) is a common practice. But for a Pioneer PRS speaker that isn't good enough. Pioneer features the world's-first use of the pure crystal casting process (PCOCC) in a voice coil wire. This "five nines" purity (99.9997%, compared to OFC's 99.99%) results in wires with superior conductivity, lower electrical resistance and reduced skin effect.

* PCOCC is registered trademark of Furukawa Electric Co., Ltd.



PRS Speaker Cut View — Woofer

High Linearity Sound
Linear Moving Force System for ultra low distortion and high definition in bass sound.

Micro Fiber Surround: Maximum Musical Response
The high-density micro fiber material surrounding the woofer of a PRS speaker is very light and low internal loss characteristics. The Micro Fiber Surround realizes faster response and more accurate bass reproduction that allows all music to be heard to greatest advantage.

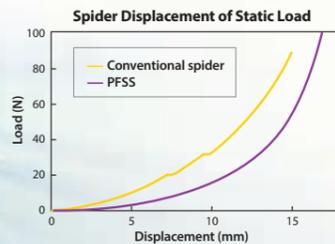
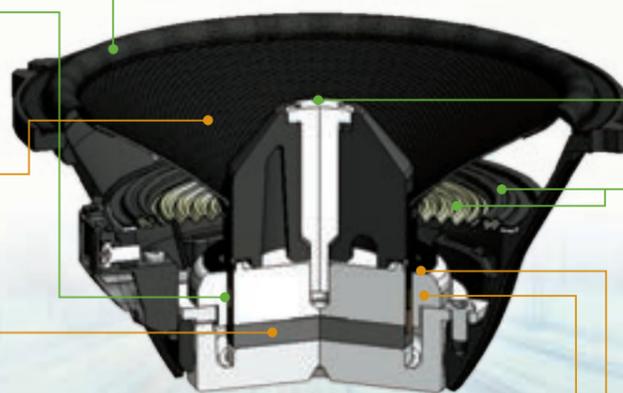
AL/Brass Dual Metal Center Plug
Two different metals combine to reduce resonance.

Progressive Flex Suspension System (PFSS)
Most spiders are all brawn and no brains, but Pioneer's PFSS is a "smart spider" that adapts to your music dynamically. When listening to soft music, it delivers the detail and fast response required, but when the big crescendo hits, it provides the precise control as well as the long excursion required for exceptional sound quality.

Voice Coil with Short-Winding Length
Short voice coil (underhung design) provides maximum control with very light weight, providing high sensitivity and superior musical detail.

2nd Generation Multi-Layer IMX (Injection Molded Matrix) Cone

Inside Magnetic Type with Neodymium Magnet



Low Distortion

OFC Short Ring
Focuses the magnetic field where it needs to be, increasing efficiency, lowering distortion and providing for more linear voice coil movement.

Overhung Top Plate
Focuses the magnetic field towards the voice coil.

Installation Capability Improvement!!

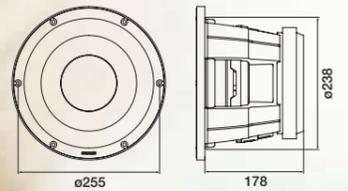
TS-C172PRS: 67 mm (TS-C172PRS/TS-C171PRS), 73.4 mm (TS-C172PRS), 122 mm (TS-C171PRS)

Conventional Model (TS-C171PRS)

New inner-magnet design with Neodymium magnet allows the basket structure to be significantly smaller, and allows the woofer to fit easier into many doors - avoiding obstructions like window rails.

TS-W252PRS

25 cm (10") Component PRS Subwoofer



Key Selling Point

• High sensitivity, unmatched linearity and superior speed designed to create the epitome of detailed, accurate and impactful bass reproduction.

TS-W252PRS Cut View

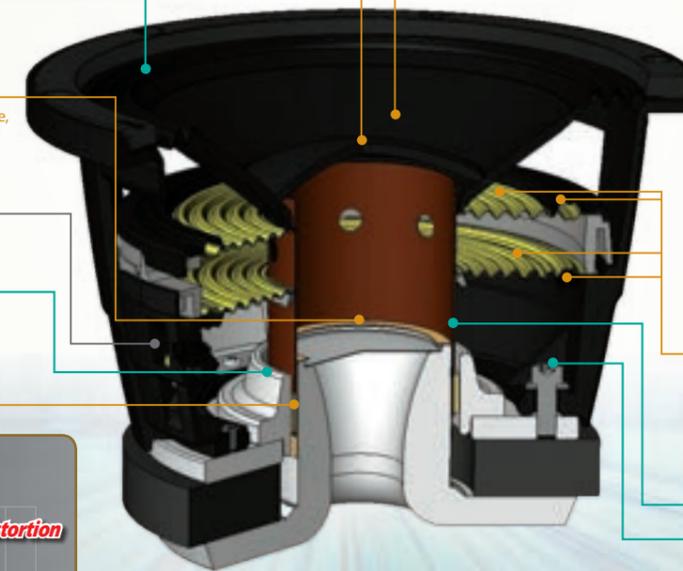
Corrugated Surround
Aramid Fiber (Conex) with Rubber Coating

OFC Short Ring
Focuses the magnetic field where it needs to be, increasing efficiency, lowering distortion and providing for more linear voice coil movement.

Block Terminal (Gold-Plated)
*Accepts up to 4 AWG Cable

Overhung (Thick) Plate 35 mm

Short Voice Coil



Sound Quality and Reliability
Rigid and Light weight Cone and Cap structure realizes both reliability and high speed sound.

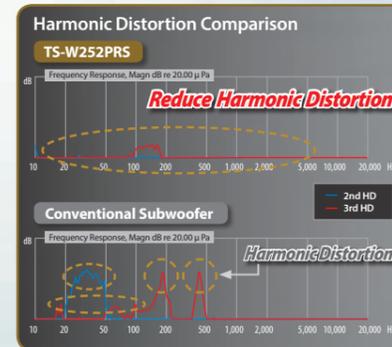
Three layer design creates feather-weight cone with exceptional strength

- Aramid Fiber surface layer
- Foamed PP core
- Glass Fiber reinforcement layer

Progressive Flex Suspension System (PFSS)
It delivers the detail and fast response required, but when the big crescendo hits, it provides the precise control as well as the long excursion required for exceptional sound quality.

Massive 75 mm Diameter Voice Coil

AL-Diecast Basket
Eliminates ringing and unwanted resonances.



Usually when BL is high, impedance rises, decreasing sensitivity and degrading the mid-bass connection. New PRS improves with application of the appropriate magnetic circuit and adjustments to thickness of Cu ring and voice coil design.

	TS-C172PRS	TS-C132PRS	TS-S062PRS	TS-W252PRS
Size	17 cm 28 mm*	13 cm 28 mm*	66 mm	25 cm
Max. Music Power (Nominal)	200 W (50 W)	150 W (30 W)	200 W (50 W)** 60 W (15 W)***	800 W (400 W)
Frequency Response	25 Hz to 35 kHz	30 Hz to 35 kHz	48 Hz to 40 kHz	20 Hz to 2,400 Hz
Sensitivity (1 W/1 m)	89 dB	86 dB	84 dB	84 dB
Impedance	4 Ω	4 Ω	4 Ω	4 Ω
Crossover Frequency	2,300 Hz	2,200 Hz	—	—
Mounting Depth	67 mm 13.4 mm*	57.3 mm 13.4 mm*	32 mm 42.2 mm****	178 mm
Mounting Depth with Mount Adapter	16 cm: 55 mm	—	—	—
Cut-Out Dimensions	ø142 mm	ø123 mm	ø64 mm ø69 mm****	ø238 mm
Recommended Enclosure	—	—	—	28.3 liters

* Tweeter specification ** With back chamber, 800 Hz, -12 dB/oct. HPF *** Without back chamber, 400 Hz, -12 dB/oct. HPF **** With back chamber

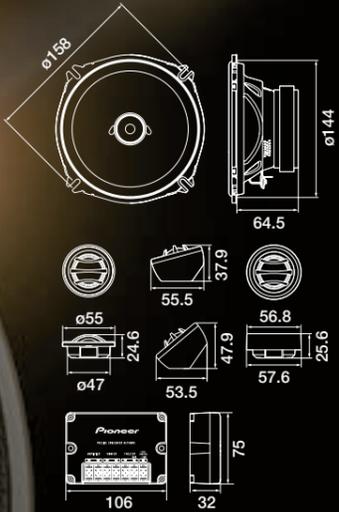
TS-D1720C

260 W MAX.

17 cm Component Speaker Package



OPEN & SMOOTH™



Mounting Depth with Mount Adapter:
• 16 cm: 51.5 mm

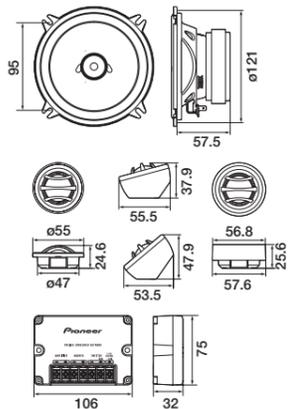
Key Selling Points

- Revolutionary Basalt Fiber IMX speaker cones provide ideal strength and durability to deliver amazing sound.
- Included crossover network unit uses audiophile-grade components for exceptional fidelity.
- Available in 2-way components or coaxial designs to fit most vehicles.

TS-D1320C

180 W MAX.

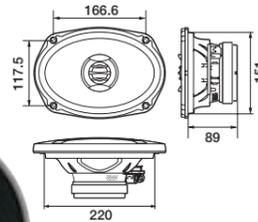
13 cm Component Speaker Package



TS-D6902R

360 W MAX.

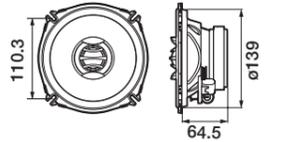
6" x 9" 2-Way Speaker



TS-D1702R

280 W MAX.

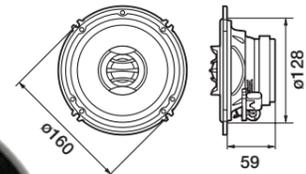
17 cm 2-Way Speaker



TS-D1602R

260 W MAX.

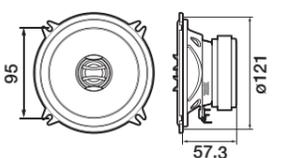
16 cm 2-Way Speaker



TS-D1302R

180 W MAX.

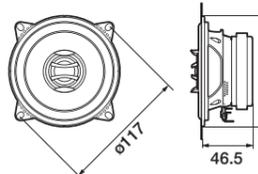
13 cm 2-Way Speaker



TS-D1002R

110 W MAX.

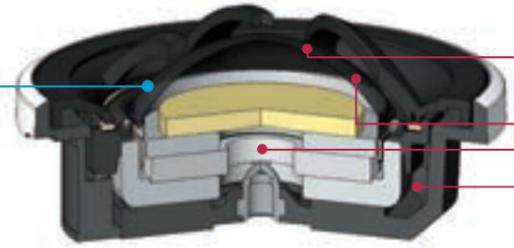
10 cm 2-Way Speaker



Technology of a D-Series Speaker

Smooth Off-Axis Response

Optimal Choice of Tweeter Diaphragm Shapes



Lower Crossover Frequency

28 mm Dia. Large-Sized Tweeter Diaphragm

Light Weight Soft-Dome Diaphragm

Rear Chamber

High-Quality Passive Crossover Network (Woofer, LPF: -12 dB/ Tweeter, HPF: -12 dB)

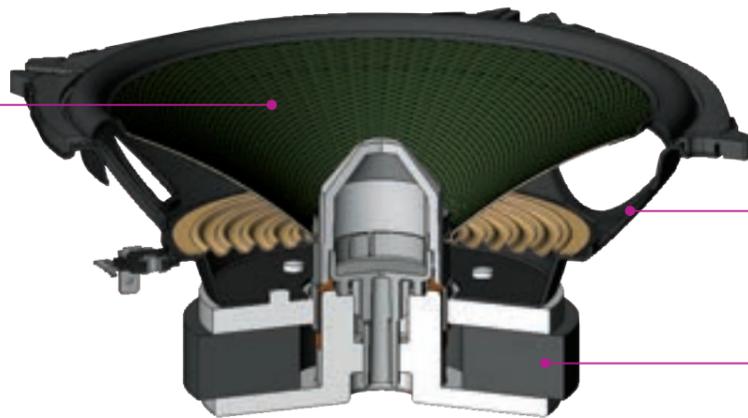


Large air core coil eliminates signal transmission loss.

Improved Installation Flexibility—Tweeter Mounting Options



Integrating aftermarket speakers into a vehicle's interior is as much about sound quality as it is about aesthetics. Now, thanks to Pioneer, there's no longer a trade-off between better sound and an unsightly tweeter location. As a growing number of today's vehicles come equipped with factory tweeter locations, Pioneer has designed an invisible mount spacer that allows the Pioneer tweeter to be installed in the factory tweeter location behind the grille. For those customers who want more control over tweeter placement, the tweeters can also be flush mounted or surface mounted with the supplied hardware.



Low Distortion

Thick Woofer Basket

Large-Sized Woofer Magnet

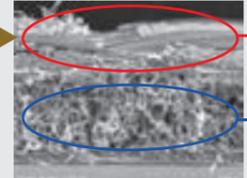
Dual-Layer IMX (Injection Molded Matrix) Aramid/Basalt Fiber Composite Cone

To create TS-D series speakers, Pioneer developed the industry's first basalt fiber made from natural rock interwoven with aramid fiber. Used in the surface layer, this Aramid/Basalt Fiber material is highly rigid and better absorbent, enhancing stability and maintaining integrity throughout a wide temperature range.

Together, the Dual-Layer IMX Aramid/Basalt Fiber and IMPP Composite Cone provide for outstanding low and mid bass range fidelity, low distortion as well as extraordinarily detailed, accurate sound reproduction.



Microscopic Cross Section View



Aramid/Basalt Fiber Skin with Ceramic Coating

- Reproduces lively sound
- Disperses resonance

Composite Foamed IMPP

- Better transience in low and mid-low range
- Better rigidity and velocity
- Light weight for better response



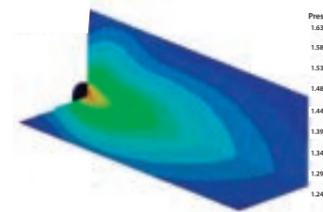
Technology of a D-Series Speaker

Smooth Off-Axis Response

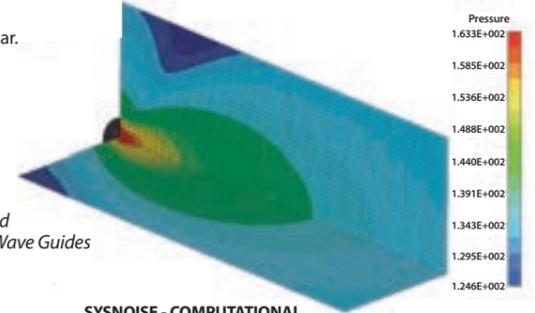


Wave Guides

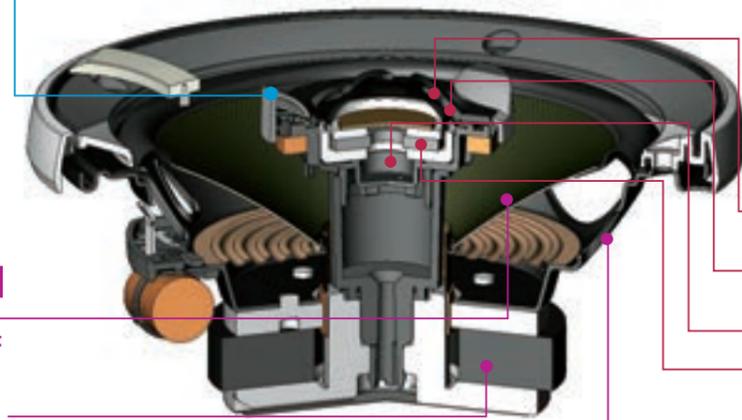
Controls sound dispersion to make sound stage wider in the car.



Improves sound dispersion by Wave Guides construction



SYSNOISE - COMPUTATIONAL VIBRO-ACOUSTICS



Low Distortion

Dual-Layer IMX (Injection Molded Matrix) Aramid/Basalt Fiber Composite Cone

Large-Sized Woofer Magnet

Thick Woofer Basket

Lower Crossover Frequency

28 mm Dia. Large-Sized Tweeter Diaphragm

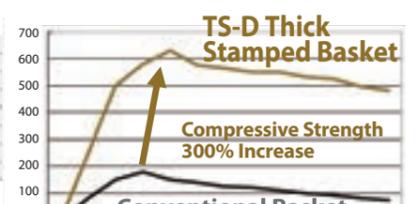
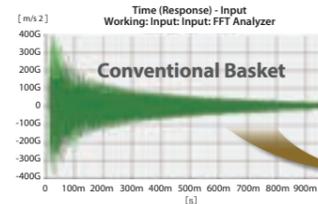
Light Weight Soft-Dome Diaphragm

Rear Chamber

High-Power Neodymium Tweeter Magnet



Thick stamped basket to prevent distortion.



Note: Except for TS-D1320C, TS-D1302R and TS-D1002R

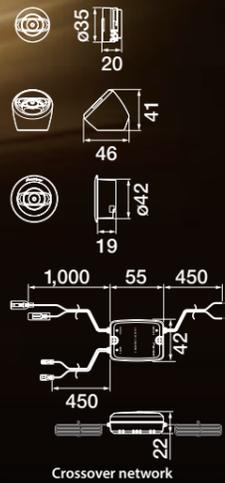
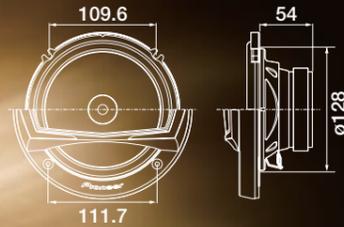
Specifications

	TS-D1720C	TS-D1320C	TS-D6902R	TS-D1702R	TS-D1602R	TS-D1302R	TS-D1002R
Size	17 cm, 28 mm*	13 cm, 28 mm*	6" x 9"	17 cm	16 cm	13 cm	10 cm
Max. Music Power (Nominal)	260 W (60 W)	180 W (35 W)	360 W (80 W)	280 W (60 W)	260 W (60 W)	180 W (35 W)	110 W (25 W)
Frequency Response	30 Hz to 33 kHz	35 Hz to 33 kHz	28 Hz to 30 kHz	30 Hz to 32 kHz	35 Hz to 32 kHz	35 Hz to 40 kHz	40 Hz to 40 kHz
Sensitivity (1 W/1 m)	88 dB	88 dB	90 dB	88 dB	88 dB	88 dB	86 dB
Impedance	4 Ω	4 Ω	4 Ω	4 Ω	4 Ω	4 Ω	4 Ω
Crossover Frequency	2,800 Hz	2,800 Hz	2,800 Hz	3,200 Hz	4,000 Hz	6,000 Hz	6,000 Hz
Mounting Depth	64.5 mm 12.2 mm*	57.5 mm 12.2 mm*	89 mm	64.5 mm	59 mm	57.3 mm	46.5 mm
Mounting Depth with Mount Adapter	16 cm: 51.5 mm	—	—	—	—	—	—
Cut-Out Dimensions	ø144 mm	ø121 mm	151 mm x 220 mm	ø139 mm	ø128 mm	ø121 mm	ø106 mm

* Tweeter specification

TS-A1605C 350 W MAX.

16 cm Component Speaker Package

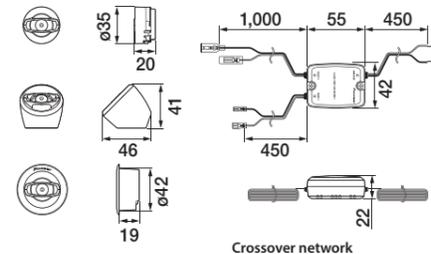
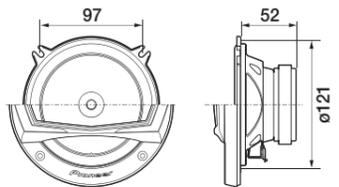


Key Selling Points

- Loud and Clear performance delivering an energetic listening experience.
- A high efficiency Multilayer Mica Matrix cone design along with a more aggressive motor structure delivers the ultimate listening experience at any volume level.
- Available in 2-way component (with external crossover) or coaxial design in multiple sizes to fit most vehicles.

TS-A1305C 300 W MAX.

13 cm Component Speaker Package



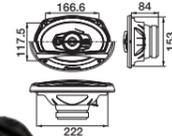
TS-A6995S 600 W MAX. HOLOGRAM

6" x 9" 5-Way Speaker



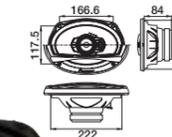
TS-A6985S 550 W MAX. HOLOGRAM

6" x 9" 4-Way Speaker



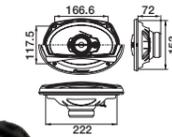
TS-A6975S 500 W MAX. HOLOGRAM

6" x 9" 3-Way Speaker



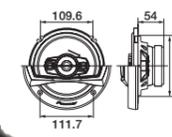
TS-A6965S 400 W MAX. HOLOGRAM

6" x 9" 3-Way Speaker



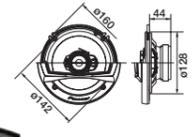
TS-A1685S 350 W MAX. HOLOGRAM

16 cm 4-Way Speaker



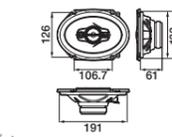
TS-A1675S 300 W MAX. HOLOGRAM

16 cm 3-Way Speaker



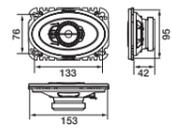
TS-A6885R 350 W MAX.

6" x 8" 4-Way Speaker



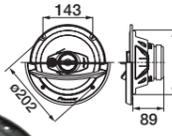
TS-A4675R 200 W MAX.

4" x 6" 3-Way Speaker



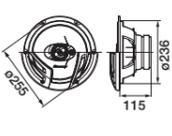
TS-A2013i 500 W MAX.

20 cm 3-Way Speaker



TS-A2503i 420 W MAX.

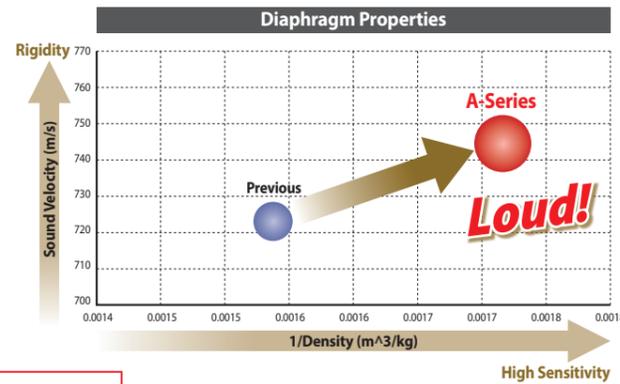
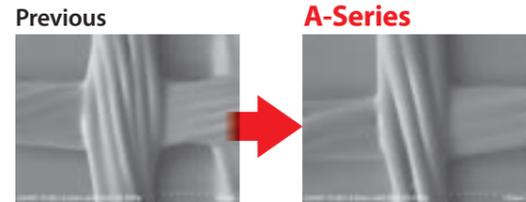
25 cm 3-Way Speaker



Technology of an A-Series Speaker

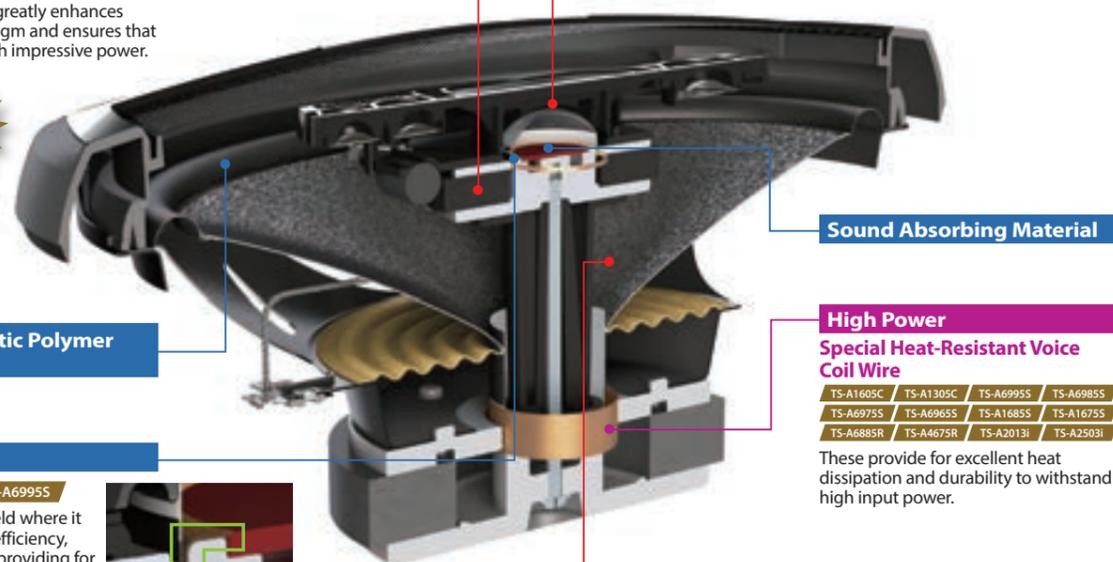
TS-A6995S Cut View

Loud & Clear
Light Diaphragm TS-A1605C / TS-A1305C / TS-A6995S / TS-A6985S / TS-A1685S
 Even its fiber is optimized to balance lightness and rigidity, so that the diaphragm achieves outstanding sound propagation with high sensitivity, speed and responsiveness.



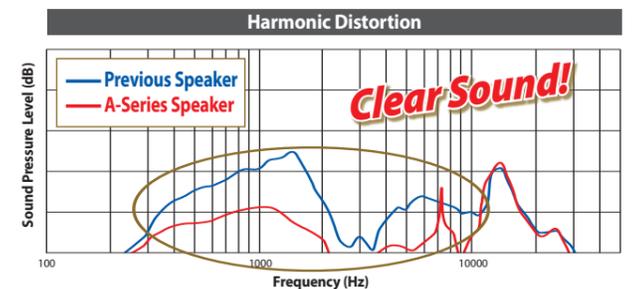
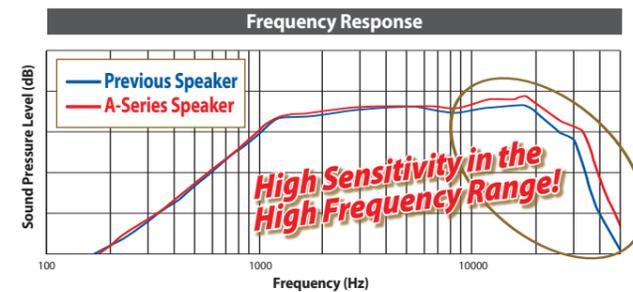
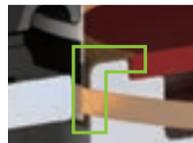
Loud & Clear
 A much bigger magnet greatly enhances drivability of the diaphragm and ensures that sound is reproduced with impressive power.

TS-A6995S
67% Bigger Magnet Size

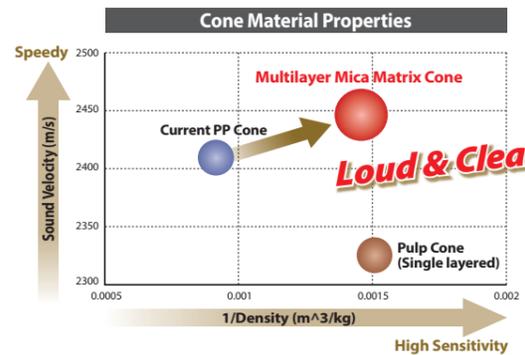


Light Weight Elastic Polymer Surround

Low Distortion
OFC Short Ring TS-A6995S
 Focuses the magnetic field where it needs to be, increasing efficiency, lowering distortion and providing for more linear voice coil movement.



Loud & Clear
Multilayer Mica Matrix Cone TS-A1605C / TS-A1305C / TS-A6995S / TS-A6985S / TS-A6975S / TS-A6965S / TS-A1685S / TS-A1675S / TS-A6885R / TS-A4675R / TS-A2013i / TS-A2503i
 Various materials were carefully combined to develop a diaphragm of extra lightness and rigidity to reproduce sound clearly with outstanding responsiveness, sensitivity and a suitable degree of internal loss.



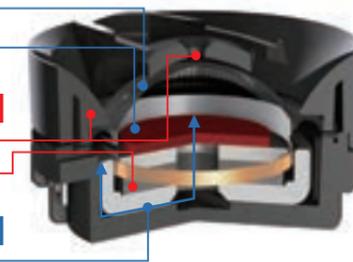
Microscopic Image of Multilayer Mica Matrix Cone
 A surface containing mica properly maintains the cone's superior rigidity and internal loss. The back makes excellent use of light, water-resistant material.



Technology of an A-Series Speaker

TS-A1605C Cut View

Smooth Off-Axis Response
Soft-Dome Diaphragm
Sound Absorbing Material
Loud & Clear
Wave Guide Focusing Design
Neodymium Magnet
Low Crossover Frequency
Large Cavity

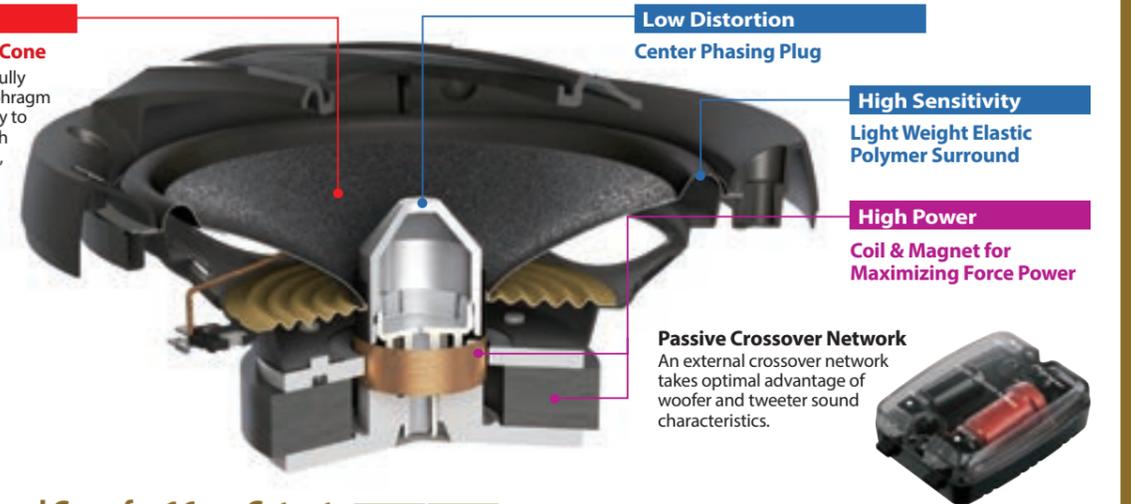


Installation Flexibility — Tweeter Mounting Options*
 * Please refer to page 72 for details.

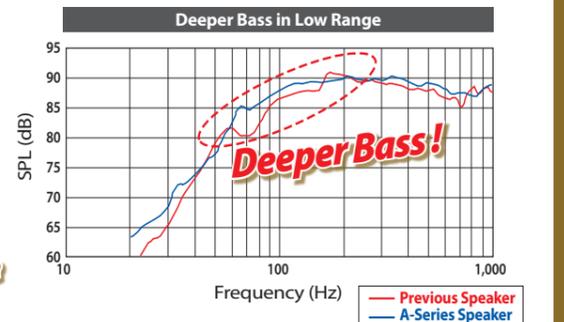
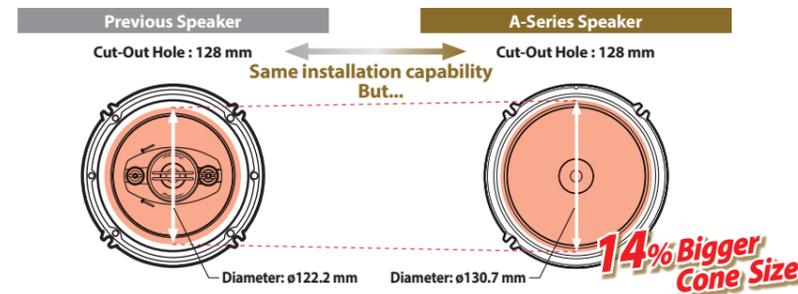


This newly developed tweeter disperses sound more widely with superior control, providing listeners with the best sound under all conditions, regardless of listening position or car.

Loud & Clear
Multilayer Mica Matrix Cone
 Various materials were carefully combined to develop a diaphragm of extra lightness and rigidity to reproduce sound clearly with outstanding responsiveness, sensitivity and a suitable degree of internal loss.



Larger-Than-Normal Cone for 16 cm Cutout TS-A1605C / TS-A1685S
 A-Series speakers have bigger cones than, but same cut-out dimensions to previous speakers. The result is deeper low-range sound reproduction.



Specifications

	TS-A1605C	TS-A1305C	TS-A6995S	TS-A6985S	TS-A6975S	TS-A6965S
Size	16 cm	13 cm	6" x 9"	6" x 9"	6" x 9"	6" x 9"
Max. Music Power (Nominal)	350 W (60 W)	300 W (50 W)	600 W (100 W)	550 W (100 W)	500 W (90 W)	400 W (60 W)
Frequency Response	34 Hz to 32 kHz	48 Hz to 32 kHz	27 Hz to 37 kHz	27 Hz to 38 kHz	28 Hz to 24 kHz	35 Hz to 37 kHz
Sensitivity (1 W/1 m)	90 dB	89 dB	92 dB	91 dB	91 dB	92 dB
Impedance	4 Ω	4 Ω	4 Ω	4 Ω	4 Ω	4 Ω
Mounting Depth	54 mm	52 mm	85 mm	84 mm	84 mm	72 mm
Cut-Out Dimensions	ø128 mm	ø121 mm	153 mm x 222 mm	153 mm x 222 mm	153 mm x 222 mm	153 mm x 222 mm
	TS-A1685S	TS-A1675S	TS-A6885R	TS-A4675R	TS-A2013i	TS-A2503i
Size	16 cm	16 cm	6" x 8"	4" x 6"	20 cm	25 cm
Max. Music Power (Nominal)	350 W (60 W)	300 W (50 W)	350 W (60 W)	200 W (30 W)	500 W (80 W)	420 W (80 W)
Frequency Response	34 Hz to 30 kHz	35 Hz to 31 kHz	31 Hz to 42 kHz	39 Hz to 39 kHz	25 Hz to 28 kHz	20 Hz to 31 kHz
Sensitivity (1 W/1 m)	91 dB	90 dB	90 dB	88 dB	91 dB	92 dB
Impedance	4 Ω	4 Ω	4 Ω	4 Ω	4 Ω	4 Ω
Mounting Depth	54 mm	44 mm	61 mm	42 mm	89 mm	115 mm
Cut-Out Dimensions	ø128 mm	ø128 mm	191 mm x 133 mm	95 mm x 153 mm	ø186 mm	ø236 mm

* Tweeter specification

TS-R6950S

300 W MAX. 3D HOLOGRAM

6" x 9" 3-Way Speaker

TS-R1750S

250 W MAX. 3D HOLOGRAM

17 cm 3-Way Speaker

TS-R1650S

250 W MAX. 3D HOLOGRAM

16 cm 3-Way Speaker

TS-R1350S

250 W MAX. 3D HOLOGRAM

13 cm 3-Way Speaker

Key Selling Points

- **Multilayer Mica Matrix cone design delivers the ultimate listening experience with remarkable efficiency to energize loud, clear sound performance.**
- **Aggressive grille and red flange design create a strong impression even long after installation.**
- **Extra screw holes for easier installation for various cars.**

Technology of an R-Series Speaker

TS-R6950S Cut View

Loud & Clear

Multilayer Mica Matrix Cone

Various materials were carefully combined to develop a diaphragm of extra lightness and rigidity to reproduce sound clearly with outstanding responsiveness, sensitivity and a suitable degree of internal loss.

Microscopic Image of Multilayer Mica Matrix Cone

A surface containing mica properly maintains the cone's superior rigidity and internal loss. The back makes excellent use of light, water-resistant material.



High Sensitivity

Light Weight Rubber Coated Cloth Surround

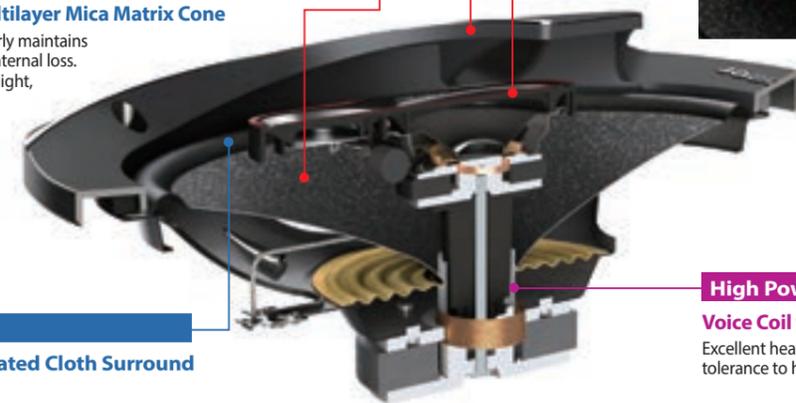
Aggressive Grille and Red Flange



High Power

Voice Coil with Aluminum Bobbin

Excellent heat dissipation and durability enhance tolerance to high input power.



More Flexible Installation

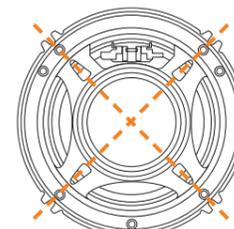
With refined baskets and added screw holes, the new TS-R speakers can be installed with greater flexibility in various cars.

Basket Design

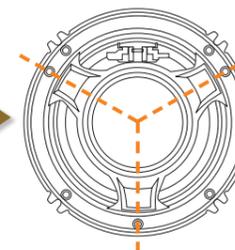
Conventional Speaker

TS-R1650S

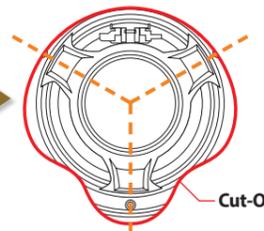
Example of Installable Vehicle



From 4- to 3-basket arm



Installed to



Cut-Out Hole

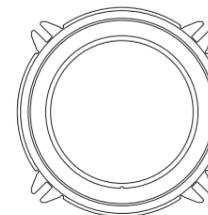
Screw Hole

Conventional Speaker

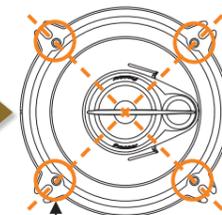
TS-R1350S

Conventional Speaker

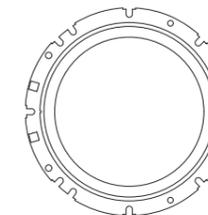
TS-R1750S



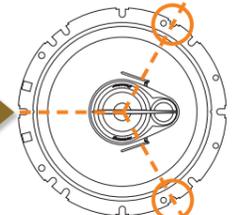
Four inside screw holes added.



Added screw hole



Two outside screw holes added.



Added screw hole

Specifications

	TS-R6950S	TS-R1750S	TS-R1650S	TS-R1350S
Size	6" x 9"	17 cm	16 cm	13 cm
Max. Music Power (Nominal)	300 W (50 W)	250 W (40 W)	250 W (40 W)	250 W (35 W)
Frequency Response	30 Hz to 35 kHz	36 Hz to 31 kHz	35 Hz to 31 kHz	44 Hz to 31 kHz
Sensitivity (1 W/1 m)	91 dB	90 dB	90 dB	89 dB
Impedance	4 Ω	4 Ω	4 Ω	4 Ω
Mounting Depth	67 mm	47 mm	40 mm	47 mm
Cut-Out Dimensions	153 mm x 222 mm	ø137 mm	ø128 mm	ø111 mm

TS-G1605C 280 W MAX. NEW

16 cm Component Speaker Package

INJECTION MOLDED CONE HOLOGRAM

300 300 Crossover network

Technology of a G-Series Speaker

TS-G1605C Cut View

Mica Reinforced IMPP Cone
The mica is mixed into the cone material in precise proportions to optimize cone rigidity and to reproduce impactful bass.

Speedy Response!

Vivid Sound!

Key Selling Point

• More natural vocal, more bass impact.

TS-G1645R 250 W MAX. NEW

16 cm 2-Way Speaker

INJECTION MOLDED CONE HOLOGRAM

TS-G1345R 250 W MAX. NEW

13 cm 2-Way Speaker

INJECTION MOLDED CONE HOLOGRAM

TS-G1045R 210 W MAX. NEW

10 cm 2-Way Speaker

INJECTION MOLDED CONE HOLOGRAM

TS-G1615R 230 W MAX. NEW

16 cm Dual-Cone Speaker

INJECTION MOLDED CONE HOLOGRAM

TS-G1315R 230 W MAX. NEW

13 cm Dual-Cone Speaker

INJECTION MOLDED CONE HOLOGRAM

TS-G1015R 190 W MAX. NEW

10 cm Dual-Cone Speaker

INJECTION MOLDED CONE HOLOGRAM

TS-G1645R Cut View

OFC Short Ring
Reduces a distortion, and expands a high frequency range.

Low Distortion!

Clear Vocal!

Specifications

	TS-G1605C	TS-G1645R	TS-G1345R	TS-G1045R	TS-G1615R	TS-G1315R	TS-G1015R
Size	16 cm 30 mm*	16 cm	13 cm	10 cm	16 cm	13 cm	10 cm
Max. Music Power (Nominal)	280 W (45 W)	250 W (40 W)	250 W (35 W)	210 W (30 W)	230 W (40 W)	230 W (35 W)	190 W (30 W)
Frequency Response	30 Hz to 28 kHz	26 Hz to 27 kHz	34 Hz to 25 kHz	38 Hz to 29 kHz	30 Hz to 25 kHz	33 Hz to 24 kHz	38 Hz to 26 kHz
Sensitivity (1 W/1 m)	89 dB	89 dB	86 dB	84 dB	90 dB	88 dB	86 dB
Impedance	4 Ω	4 Ω	4 Ω	4 Ω	4 Ω	4 Ω	4 Ω
Mounting Depth	39 mm	38 mm	44 mm	43 mm	39 mm	44 mm	43 mm
Cut-Out Dimensions	ø128 mm	ø128 mm	ø121 mm	ø106 mm	ø128 mm	ø121 mm	ø106 mm

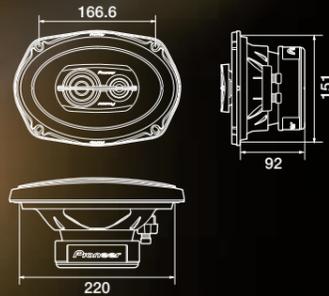
*Tweeter specification

TS-6975 V2

500 W MAX. 3D HOLOGRAM

Champion series

6" x 9" 3-Way Champion Series Speaker



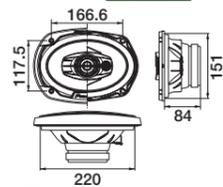
Key Selling Points

- Inherits technology from Champion series subwoofer for powerful, punchy sound.
- PEEK film cone creates vivid, crisp sound. (TS-6975 V2/TS-1675 V2)
- Basket design for wider installation coverage, without compromising high power input capability. Although the TS-1675 V2 is designated as a 16 cm installation size speaker, its cone is actually 17 cm in size, for more powerful sound.

TS-6965 V2

400 W MAX. 3D HOLOGRAM

6" x 9" 3-Way Champion Series Speaker

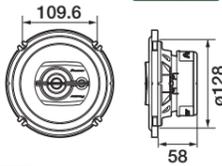


TS-1675 V2

300 W MAX. 3D HOLOGRAM

16 cm* 3-Way Champion Series Speaker

* 16 cm installation size speaker actually contains 17 cm cone size for more powerful sound.



Technology of a Champion Series Speaker

TS-6975 V2 Cut View

- Polycarbonate Sub-Grille
- PI Film Spider
- Film Cone Tweeter

Punchy Bass High Sensitivity

TS-6975 V2 TS-6965 V2 TS-1675 V2

Rigid, Light Non-Pressed Paper Cone

Pioneer carefully selects materials and applies a non-pressed paper process — giving these new cones the light, rigid qualities needed to create punchy, powerful sound, plus extra durability to go to the limit.

Gold-Plated Screw Terminal

TS-6975 V2 TS-6965 V2* TS-1675 V2*

* Not screw-type terminal

Rubber Magnet Cover*

* Magnet cover is removable.

Punchy Bass

Dual Layer Urethane Surround

TS-6975 V2 TS-6965 V2 TS-1675 V2

Improves cone stiffness. Greatly reduces unnecessary resonance that can compromise sound quality.

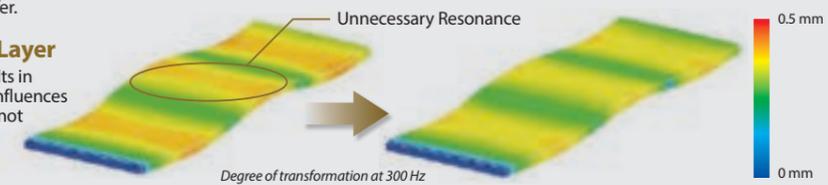
Champion Series Speaker Cross Section Detail



Dual-Layer Surround technology originally for the Champion series subwoofer.

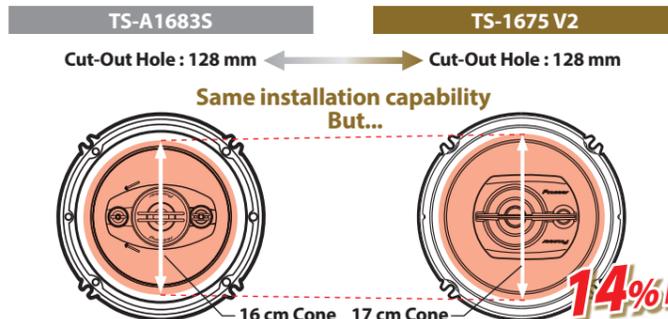
Conventional Single Layer

Wave-like cone vibration results in unnecessary resonance that influences tonal quality, so this cone cannot reproduce original sound linearly.



Larger-Than-Normal Cone for 16 cm Cutout

The TS-1675 V2 can be installed in a 16 cm- or 17 cm-diameter cutout hole. Superior bass response comes from a cone diameter larger than that of a conventional 16 cm speaker. Shallow basket depth enhances versatility of installation



High Sensitivity

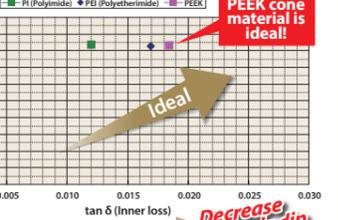
TS-6975 V2 TS-1675 V2

PEEK Film Cone with Urethane Surround

New PEEK (Polyetheretherketon) cone material has excellent characteristics of rigidity and durability, even when subjected to heat. This contributes to sharp response (especially across the mid- to high-frequency range) and vivid sound reproduction.

PEEK Cone Midrange

Sound of speed x tan δ (at 1,000 Hz)



Copper-Clad Aluminum Wire Voice Coil

Lightweight Copper-Clad Aluminum Wire Voice Coil allows for faithful reproduction of louder sounds.

Upper Urethane Surround

Suppresses unwanted peaks and dips in the high-frequency range

Lower Urethane Surround

Reinforces strength and durability

New Dual Layer

Minimizes unnecessary cone resonance for higher cone durability and clearer sound.

Specifications

	TS-6975 V2	TS-6965 V2	TS-1675 V2
Size	6" x 9"	6" x 9"	16 cm
Max. Music Power (Nominal)	500 W (80 W)	400 W (80 W)	300 W (50 W)
Frequency Response	30 Hz to 25 kHz	30 Hz to 22 kHz	35 Hz to 20 kHz
Sensitivity (1 W/1 M)	92 dB	93 dB	92 dB
Impedance	4 Ω	4 Ω	4 Ω
Mounting Depth	92 mm	84 mm	58 mm
Cut-Out Dimensions	151 mm x 220 mm	151 mm x 220 mm	ø128 mm

TS-F1634R 200 W MAX.

16 cm 2-Way Speaker

- FEATURES:**
- 16 cm IMPP Composite Cone Woofer
 - 30 mm Silver PET Film Dome Tweeter
 - Copper Voice Coil
 - Single Blended Fabric Damper



TS-F1034R 150 W MAX.

10 cm 2-Way Speaker

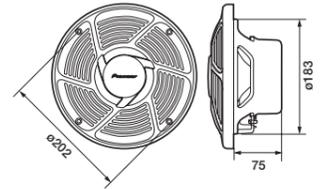
- FEATURES:**
- 10 cm IMPP Composite Cone Woofer
 - 30 mm Silver PET Film Dome Tweeter
 - Copper Voice Coil
 - Single Blended Fabric Damper



TS-MR2040 200 W MAX.

20 cm Marine-Use 2-Way Speaker

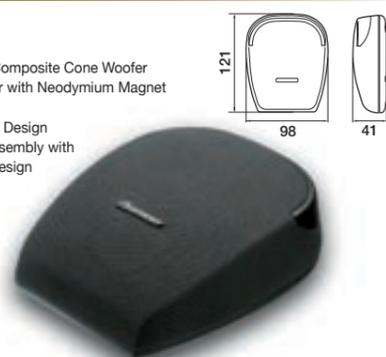
- FEATURES:**
- White Water-Resistant IMPP Cone Woofer
 - Water-Resistant Elastomer Surround
 - Glass-Imide Voice Coil Bobbin
 - Conex Damper
 - 20 mm PEI Dome Reflex Horn Tweeter
 - High-Quality Corrosion-Resistant Hardware
 - Gold-Plated Tinsel Leadwire and Terminals
 - Weather-Proof and Heat-Resistant Resin



TS-CX900 80 W MAX.

2-Way A/V Center Speaker

- FEATURES:**
- 66 mm KEVLAR® Brand Fiber Composite Cone Woofer
 - 25 mm Balanced Dome Tweeter with Neodymium Magnet
 - Butyl Rubber Surround
 - Compact Aerodynamic Cabinet Design
 - Double Neodymium Magnet Assembly with Magnetically Shielded Circuit Design



TS-2150 200 W MAX.

20 cm Cross-Axial 3-Way Speaker

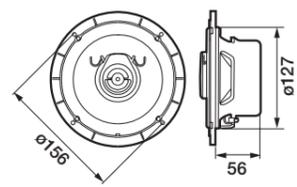
- FEATURES:**
- 20 cm IMPP Titanium Composite Cone Woofer/25 mm Titanium Dome Tweeter/20 mm Ceramic Up-Dome Tweeter
 - Cross-Axial Engineering for Excellent Sound Quality



TS-MR1640 160 W MAX.

16 cm Marine-Use 2-Way Speaker

- FEATURES:**
- White Water-Resistant IMPP Cone Woofer
 - Water-Resistant Elastomer Surround
 - Glass-Imide Voice Coil Bobbin
 - Conex Damper
 - 27 mm PEI Balanced Dome Tweeter
 - High-Quality Corrosion-Resistant Hardware
 - Gold-Plated Leadwire and Terminals
 - Weather-Proof and Heat-Resistant Resin



TS-S250 250 W MAX.

40 mm High-Power Tune-Up Tweeter

- FEATURES:**
- 40 mm Ceramic Horn Tweeter Design
 - High-Power Handling of 250 W Max.
 - High Sensitivity: 97 dB/W
 - Built-in -6 dB/oct. Capacitor
 - Large Pioneer Logo on Side Surface



TS-S20 200 W MAX.

20 mm Component Hard-Dome Tweeter

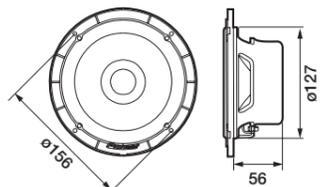
- FEATURES:**
- 20 mm Amorphous-Titanium-Coated PPS (Polyphenylene Sulfide)-Dome Tweeter
 - High-Performance Strontium Magnet
 - Built-in LC Network: Attached at End of Speaker Cable



TS-MR1600 100 W MAX.

16 cm Marine-Use Dual-Cone Speaker

- FEATURES:**
- White Water-Resistant IMPP Cone Woofer
 - Water-Resistant Elastomer Surround
 - Glass-Imide Voice Coil Bobbin
 - Conex Damper
 - High-Quality Corrosion-Resistant Hardware
 - Gold-Plated Tinsel Leadwire and Terminals
 - Weather-Proof and Heat-Resistant Resin



TS-T110 120 W MAX.

22 mm Component Hard Dome Tweeter

- FEATURES:**
- 22 mm PPTA Hard Dome Tweeter with Strontium Magnet and Magnetic Fluid
 - In-Line -6 dB/Oct. Capacitor for Tweeter Protection
 - Surface or Flush Mounting Capabilities



TS-T15 120 W MAX.

20 mm Component Soft Dome Tweeter

- FEATURES:**
- Small-Sized (20 mm) Polyester Fiber Soft Dome Tweeter with Neodymium Magnet and Magnet Fluid
 - -6 dB/Oct. Capacitor for Tweeter Protection (Included)
 - Flush and Surface Mounting Capabilities



Specifications

	TS-F1634R	TS-F1034R	TS-CX900	TS-2150	TS-S250	TS-S20
Size	16 cm	10 cm	6.6 cm	20 cm	40 mm	20 mm
Max. Music Power (Nominal)	200 W (25 W)	150 W (20 W)	80 W (20 W)	200 W (50 W)	250 W (50 W)	200 W (50 W)
Frequency Response	31 Hz to 16 kHz	45 Hz to 18 kHz	80 Hz to 70 kHz	28 Hz to 28 kHz	6,000 Hz to 40 kHz	3,000 Hz ⁽¹⁾ / 1,200 Hz ⁽²⁾ to 26 kHz
Sensitivity (1 W/1 M)	88 dB	86 dB	81 dB	91 dB	97 dB	92 dB
Impedance	4 Ω	4 Ω	4 Ω	4 Ω	8 Ω	8 Ω
Mounting Depth	41 mm	43 mm	—	88 mm	—	—
Cut-Out Dimensions	ø128 mm	ø102 mm	—	ø186 mm	—	—

(1) With network (2) Without network

	TS-T110	TS-T15	TS-MR2040	TS-MR1640	TS-MR1600
Size	22 mm	20 mm	20 cm	16 cm	16 cm
Max. Music Power (Nominal)	120 W (40 W)	120 W (40 W)	200 W (40 W)	160 W (30 W)	100 W (25 W)
Frequency Response	2,500 Hz to 30 kHz	2,500 Hz to 30 kHz	25 Hz to 30 kHz	30 Hz to 30 kHz	30 Hz to 20 kHz
Sensitivity (1 W/1 M)	90 dB	90 dB	92 dB	91 dB	90 dB
Impedance	4 Ω	4 Ω	4 Ω	4 Ω	4 Ω
Mounting Depth	—	—	75 mm	56 mm	56 mm
Cut-Out Dimensions	—	—	ø183 mm	ø127 mm	ø127 mm



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- Amplifier & Subwoofer Connection and Combination Charts** 95
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- Subwoofer Enclosures** 98
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Accessories Connection Table with AV and Audio Receivers

ACCESSORY COMPATIBILITY

		AVH-X8650BT	AVH-X5750BT AVH-X2750BT AVH-X7750BT	AVH-X4750DVD AVH-X1750DVD AVH-X6750DVD	AVH-275BT AVH-175DVD	AVH-3750DVD	DVH-875AVBT	DVH-775AV DVH-345SUB	DEX-P99RS	DEH-X9650BT DEH-X8750BT DEH-X6750BT MVH-X365BT FH-XL755BT MXT-X376BT	DEH-80PRS DEH-9450UB DEH-X9650SD DEH-X7750UI DEH-X2750UI MVH-X465UI MVH-X175UI FH-XL555UI FH-X575UI MXT-X176UI	DEH-X1750UB(G) FH-X365UB DXT-X1769UB DXT-X176UB
iPod/iPhone 	CD-IH202	●*1										
	CD-IU201S	●*2										
	CD-IU201V	●	●	●	●							
	CD-IU52	●	●*3	●*3			●			● (Except FH-XL755BT)	● (Except DEH-80PRS, DEH-9450UB and FH-XL555UI)	
	CD-IU51								●	●	●	
Android 	CD-AH200	●*4										
	CD-MU200		●*5	●*5						●*6 (Except FH-XL755BT)	●*6 (Except DEH-80PRS, DEH-9450UB and FH-XL555UI)	●*6 (Except DEH-155MP(G))
Built-in MirrorLink™ 	CD-MU200	●	●	●								
	GEK-1550TV*8	●	●	●								
Tuner*7 	GEK-1550TV*8	●	●	●								
	ND-BC6	●	●	●	●	●	●	●	DVH-775AV			
Back Up Camera 	ND-BC20PA	●	●	●	●	●	●	●	DVH-775AV			
	CD-MC20	●	●	●								
System 	CD-R320								●	●	●	●
	CD-SR110	●	●		AVH-275BT			●		●		
	CD-SR100	●	●	●	●	●	●	●	●	●	●	●

Note: Some functions may be limited in terms of remote controllability, even if the receiver and remote control are denoted as compatible in the chart.

*1. Required when AppRadio Mode is in use with iPhone 5s, iPhone5c, iPhone 5 or 5th generation iPod touch. Requires Apple® Lightning Digital AV Adapter and CD-IU52 (sold separately).

*2. Required when AppRadio Mode is in use with iPhone 4/4S or 4th generation iPod touch.

*3. Required when AppRadio Mode USB is in use with iPhone 5s, iPhone5c, iPhone 5 or 5th generation iPod touch.

*4. Required when AppRadio Mode is in use with Android phone

*5. Required when AppRadio Mode USB is in use with Android phone.

*6. Required when USB Direct Control is in use with Certain Android phones.

*7. May not be compatible with certain receivers.

*8. GEK-1550DTV for RD Model. GEK-1550TV for RC and RI Models. See page 19 for more details.

*9. Not all functions can be operated using the remote control.

Audio/Video Receiver Accessories

ND-BC6

Universal Rear View Camera



ND-BC20PA

ND-BC2 with Parking Assistant Feature



CD-MC20

Microphone for Auto EQ and Auto Time Alignment Frequency Band Fine-Tuning



GEX-1550DTV

Digital TV Tuner for ISDB-T (RD Model)*
* See page 19 for more details.



GEX-1550TV

Analog TV Tuner for PAL/SECAM/NTSC (RC and RI Models)*
* See page 19 for more details.



Remote Controls

CD-R510

Remote Control
• For use with receiver with Bluetooth wireless technology.



CD-R320

Optional Remote Control for DEH Series Receivers



CD-SR110

Steering Wheel Remote Control for Bluetooth Receivers



CD-SR100

Steering Wheel Remote Control



Note: Accessories are for products that appear in the Dealer Reference Guide. Please refer to a Pioneer sales representative for up-to-date information.

iPod/iPhone Connectivity

CD-IH202

AppRadio Mode HDMI/USB Interface Cable for iPhone 5s, iPhone 5c, iPhone 5 or 5th Generation iPod touch



CD-IU201S

AppRadio Mode USB Interface Cable for iPhone 4, iPhone 4S, or 4th Generation iPod touch (USB Cable: 50 cm/RGB Cable: 2 m)



CD-IU201V

USB Interface Cable for iPod/iPhone (USB and AUX Cable: 50 cm/AUX Extension Cable: 1.5 m)



CD-IU51V

USB Interface Cable for iPod/iPhone (USB and AUX Cable: 50 cm)



CD-IU51

USB Interface Cable for iPod/iPhone (50 cm)



CD-IU52

Lightning/USB Cable for iPhone 5s, iPhone 5c, iPhone 5 or 5th Generation iPod touch (50 cm)



CD-V150M

Mini-Jack Cable for iPod (1.5 m)



Note: Please refer to pages 87 and 92 for accessories for connection of iPod/iPhone details.

Android Connectivity

CD-AH200

AppRadio Mode App Connectivity Kit for Android



Smartphone Connectivity

CD-MU200

USB Interface Cable for Use with MirrorLink™ Devices (USB-USB Cable: 1.5 m/USB-microUSB Cable: 50 cm)



Auxiliary Input Accessory

CD-RM10

AUX Mini-Plug to Composite A/V Cable (2 m)



Note: Please refer to pages 87 and 92 for accessories for connection of Android details.



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Tuner*7 	GEK-1550DTV*8	●	●	●								
	GEK-1550TV*8	●	●	●								
Back Up Camera 	ND-BC6	●	●	●	●	●	●	DVH-775AV				
	ND-BC20PA	●	●	●	●	●	●	DVH-775AV				
System 	CD-MC20	●	●	●								
Remote Control*9 	CD-R320								●	●	●	●
	CD-SR110	●	●		AVH-275BT		●			●		
	CD-SR100	●	●	●	●	●	●	●	●	●	●	●

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