

Pioneer



AUDIO / VISUAL 2014



CAR ENTERTAINMENT

2014 PIONEER NEW AUDIO/VIDEO PRODUCT



Connectivity. Entertainment. Convenience. Quality. Pioneer's new flagship Multimedia AV Receiver AVH-X8650BT upgrades these elements with such advances as a fast new GUI with easy smartphone-like touchscreen command; a new Display Visualizer for MIXTRAX that makes Non-Stop MIX Play even more fun; specialized audio parts including DSP and Acoustic Capacitor ensuring superior sound quality; and reinforced AppRadio™ Mode and Built-in MirrorLink™ compatibility making smartphone connectivity extra-convenient for today's lifestyles.

Feature Chart

	DIN Size	Display	Preout	Playback	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**2	AppRadio Mode*1	Built-in MirrorLink™**3	Bluetooth**4	MIXTRAX	Dual Zone Audio/Video	Auto EQ Auto Time Alignment	Advanced Sound Retriever	Back-Up Camera Ready
AVH-X8650BT	2-DIN	7.0" WVGA	3 (4 V)	DVD/CD	Rear	Rear x 2		(Rear)	USB/Bluetooth	Bluetooth	(iPhone/Android**2)					CD-MC20		ND-BC6

*1. Optional cable required. Please refer to the chart shown below for compatibility.

*2. Not all Android phones are compatible.

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

*4. HFP = Hands-Free Profile (version 1.6), A2DP = Advanced Audio Distribution Profile, AVRCP = Audio/Video Remote Control Profile (version 1.4), SSP = Secure Simple Profile, SPP = Serial Port Profile. Please refer to instruction manual for other information about profile compatibility.

Connection Table for iPod/iPhone with AVH-X8650BT

Model	Interface	Use with	iPhone®*1			iPod touch®*1		iPod nano®			
			iPhone 3GS	iPhone 4/iPhone 4S	iPhone 5/iPhone 5c/iPhone 5s	4th gen.	5th gen.	5th gen.	6th gen.	7th gen.	
AVH-X8650BT	HDMI/USB Direct Connection for Video, Music and AppRadio Mode	CD-IH202**2 CD-IUS2 Lightning Digital AV Adapter									
	USB Direct Connection for Video, Music and AppRadio Mode	CD-IU201S**3									
	USB Direct Connection for Music	CD-IU52									
	USB Direct Connection for Video and Music	CD-IU201V									

Connection Table for Android Devices with AVH-X8650BT

Model	Connection via	Connection via			
		CD-AH200**2	CD-MU200**3	Bluetooth**4	AUX
AVH-X8650BT					

* Operations may vary depending on the software version of iPod.

* Depending on the generation or version of the iPod, some functions can not be operated.

* Please contact Pioneer Support Center for more details regarding connection.

*1. When an error occurs in connection with iPod/iPhone, switching ACC ON/OFF or reloading the iPod may help recovery.

*2. When AppRadio Mode is in use, AppRadio App is available from iTunes® App Store or Google play. Please use in Internet connection situations. AppRadio App & Compatible Apps may not be available in some countries.

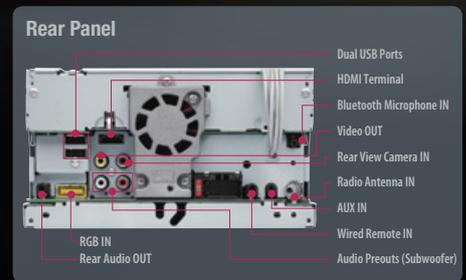
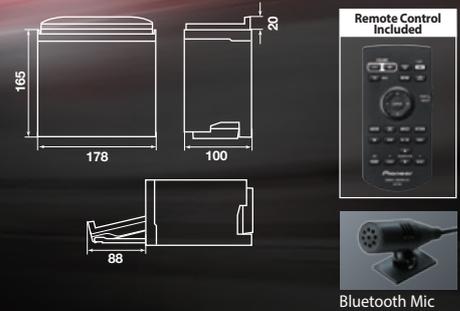
*3. MirrorLink™ for Certain Android Phones is available by using CD-MU200.

*4. Audio is transmitted via A2DP (Advanced Audio Distribution Profile). Audio is controlled via AVRCP (Audio/Video Remote Control Profile) and limited accordingly.

AVH-X8650BT

NEW

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



Key Selling Points

Enhanced smartphone connectivity for today's smartphone-driven lifestyle. Made for iPod iPhone [Page 04](#)

Experience non-stop music playback based on music data analysis that delivers a seamless mix created by a virtual DJ. **MIXTRAX** [Page 05](#)

An all new smartphone-inspired user interface provides an easy to use and intuitive experience. [Page 07](#)

Main Features (Blue text: upgraded features from AVH-X5650BT)

- 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/Bluetooth®)
- 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
- MP3/WMA/iTunes® AAC Playback from DVD/CD/SD Memory Card/USB Device
- WAV/FLAC Audio Playback from SD Memory Card/USB Device
- DivX® Video Playback from DVD/CD
- WMV/MPEG-4 Playback from DVD/CD/SD Memory Card/USB Device
- H.264/MKV/FLV Video Playback from SD Memory Card/USB Device
- Dual Zone Audio/Video
- Advanced Sound Retriever
- Sound Retriever Air
- MOSFET 50 W x 4
- Hi-Volt RCA Preouts x 3 (4V)
- 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 7 for more details.

AppRadio Mode



A Revolutionary Way to Use Apps in the Car

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



How to Use AppRadio Mode

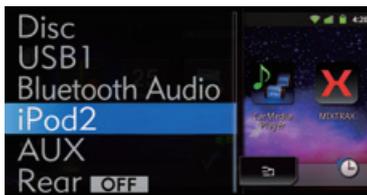
AppRadio Mode (iPhone connectivity example shown)



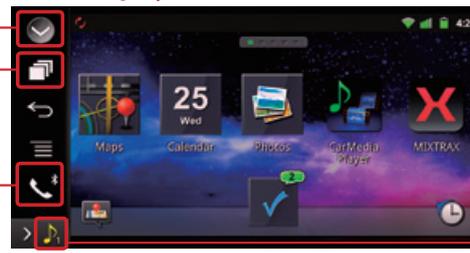
Side Control Bar NEW

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

Source List



Home Display for Android Connection



Current AV Source or App



Launcher App

CD-IH202

AppRadio Mode HDMI/USB Interface Cable for iPhone 5, iPhone 5c, iPhone 5s 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-AH200

AppRadio Mode App Connectivity Kit for Android

Please refer to the Pioneer website for the latest information on AppRadio Mode compatible apps.

Built-in MirrorLink™

NEW



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.



CD-MU200

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



Bluetooth®



AVRCP Version 1.4 NEW

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 NEW

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

	Previous Receivers	New AVH-X8650BT
	Narrow Band Speech	Wide Band Speech
Frequency	8 kHz	16 kHz
Sound Quality	AM Radio Class	FM Radio Class

Siri Eyes Free* NEW



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 4S, iPhone 5, iPhone 5c, iPhone 5s, 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.

MIXTRAX

MIXTRAX

How MIXTRAX Works



PC Analysis

You can analyze music on a PC, then put the analyzed music data on USB Device or SD Memory Card. The AVH-X8650BT allows you to listen it with MIXTRAX function.

MIXTRAX App

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.

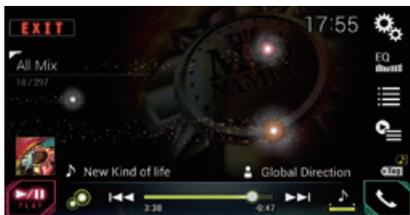
AV Receiver Analysis

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.

MIXTRAX Home Display and Functions

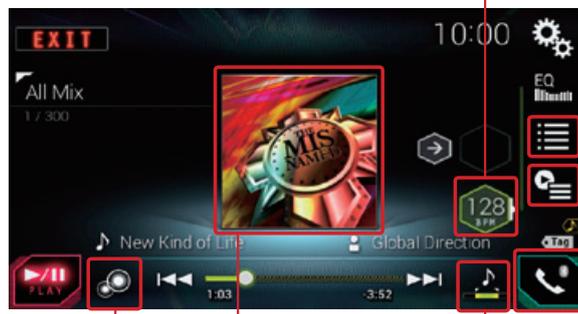
Display Visualizer NEW

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.



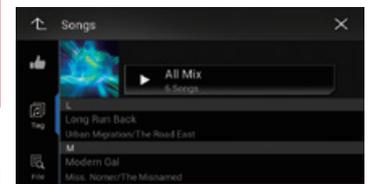
BPM Slider Bar

Change the beats per minute (BPM) of the currently playing music by sliding up or down along the bar.



Browsing Display NEW

You can easily search for music stored in USB Devices and SD Memory Cards.

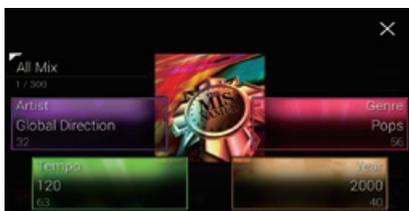


Current MIX Playlist NEW

Bluetooth® Hands-Free Display NEW

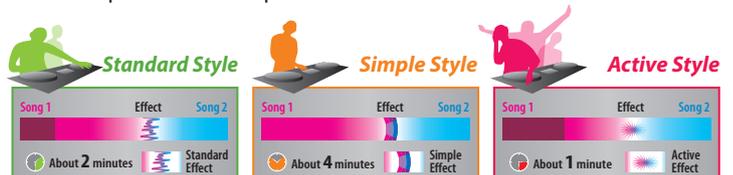
Link Gate NEW

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.



MIX Style

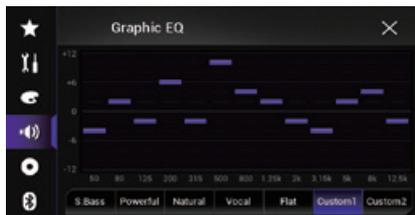
Select among three mixing styles of different track time durations and effects in preset three steps.



13-Band Graphic EQ

NEW

With the unique Advanced Touch Slide Operation, you simply drag your finger across the screen to change the EQ curve and audio characteristics.



Touch Slide Crossover Setting

NEW

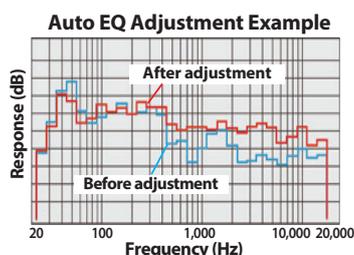
It's intuitively easy to operate and set system tuning by dragging and tapping your finger.



Auto EQ*



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.



After adjustment:
Smooth response with subtle nuances reproduced clearly.

Before adjustment:
Rough frequency response curve; unclear overall sound.

CD-MC20
Microphone for Auto EQ and Auto Time Alignment Frequency Band Fine-Tuning

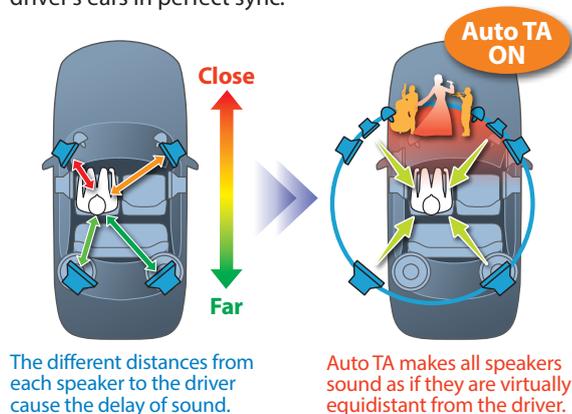


* CD-MC20 required

Auto Time Alignment*

NEW

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.



The different distances from each speaker to the driver cause the delay of sound.

Auto TA makes all speakers sound as if they are virtually equidistant from the driver.

Specialized Audio Parts

NEW

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

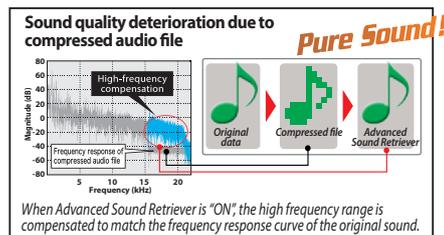
Acoustic Capacitor

Advanced Sound Retriever

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.

Sound Retriever Air

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



When Advanced Sound Retriever is "ON", the high frequency range is compensated to match the frequency response curve of the original sound.

Superior Audio/Video Performance

NEW

Play more of your favorite content in a greater range of media formats. And speaking of formats, the AVH-X8650BT can playback content from NTFS and FAT formatted media storage devices.

	Codec	Extension	Disc	USB/SD
Audio	MP3	.mp3	●	●
	WMA	.wma	●	●
	AAC	.m4a	●	●
	WAV	.wav		●
	FLAC	.flac, .fla		●
Video	MPEG1		●	
	MPEG2	.mpeg, .mpg	●	
	MPEG4	.avi, .mkv, .mov, .m4v, .3gp, .psp, .mp4, .flv	●	●
	DivX®	.avi, .divx	●	
	Xvid		●	
	H.264	.mp4, .avi, .mkv, .m4v		●
	WMV	.wmv, .asf	●	●

Advanced User Interface

NEW

More advanced than ever before, the AVH-X8650BT features a responsive, powerful and intuitive touchscreen user interface that is easy to use and highly customizable.

Seamless Access

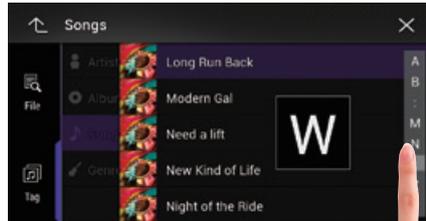
Just tap the icon on the Home Menu for quick access to the currently playing source, Bluetooth® or AppRadio Mode, which features a seamlessly simple Side Control Bar.



Home Menu Display

As Quick and Easy to Operate as a Smartphone

Operation is intuitive using such touch gestures as a flick to quickly scroll a list.



Song List

Advanced Customization

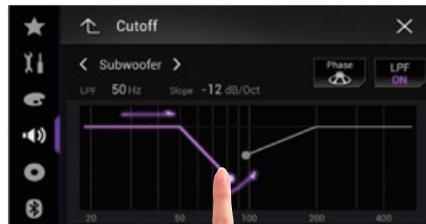
Select among five colors for the display and 112 colors for unit illumination to match the dash. Simply drag and drop to change and customize Source List order.



Source Display



AppRadio Mode with Side Control Bar



Touch Slide Crossover Setting



Learning Steering Wheel Control

NEW

You can now assign certain functions of the AVH-X8650BT to control buttons on the steering wheel.



Detachable Face Security™



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



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



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

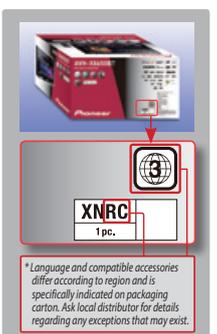
MULTI-LANGUAGE DISPLAY

New Pioneer AVH-X8650BT features Multi-Language Display of Menu and ID3 tag text.

Asia
English/Thai/Chinese (Simplified)/Chinese (Traditional)/Bahasa Indonesia

Central America/Latin America/Oceania
English/French/Spanish/Portuguese

Middle East Asia
English/French/Portuguese/German/Dutch/Russian/Arabic/Persian/Hebrew



* 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.

AV RECEIVER

Audio/Video Receiver Accessories

ND-BC6

Universal Rear View Camera



GEX-1550DTV

Digital TV Tuner for ISDB-T (RD Model)*
* See page 7 for more details.



GEX-1550TV

Analog TV Tuner for PAL/SECAM/NTSC (RC and RI Models)*
* See page 7 for more details.



CD-MC20

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



Remote Control

CD-SR100

Steering Wheel Remote Control



iPod/iPhone Connectivity

CD-IH202

AppRadio Mode HDMI/USB Interface Cable for iPhone 5, iPhone 5c, iPhone 5s 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-IU52

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



Note: Please refer to pages 2 and 8 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)



Note: Please refer to pages 2 and 8 for accessories for connection of Android details.

Accessories Connection Table with AVH-X8650BT

Accessory Compatibility	iPod/iPhone				Android	Built-in MirrorLink	Tuner*5		Back Up Camera	Remote Control*7	System
	CD-IH202*1	CD-IU52	CD-IU201S*2	CD-IU201V	CD-AH200*3	CD-MU200*4	GEX-1550DTV*6	GEX-1550TV*6	ND-BC6	CD-SR100	CD-MC20
AVH-X8650BT											

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 5, iPhone 5c, iPhone 5s, 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 is in use with Android phone.

*4. Required when MirrorLink™ is in use with Certain Android Phones.

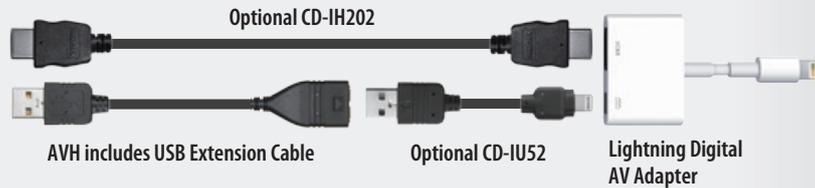
*5. May not be compatible with certain receivers.

*6. GEX-1550DTV for RD Model. GEX-1550TV for RC and RI Models.

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

Connection for AppRadio Mode

iPhone 5, iPhone 5c, iPhone 5s and iPod touch 5th Generation



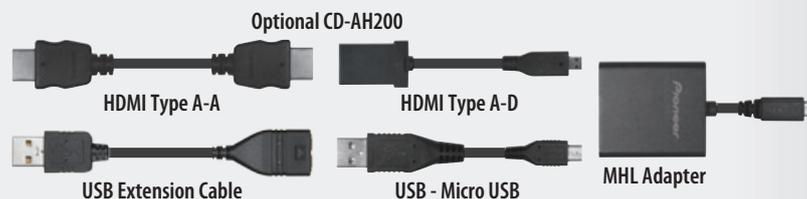
iPhone 4, iPhone 4S and iPod touch 4th Generation



Android*-HDMI



Android*-MHL



* Not all Android phones are compatible.

AVH-X8650BT Features Comparison

Display	
Screen Size/Aspect Ratio	7"/16:9
Resolution	WVGA (800 x 480)
LED Backlight	x
Background Picture and Video	4 BGP, 2 BGV
Spectrum Analyzer	x
AG (Anti-Glare) Screen Coating	x
Touch Panel Operation	x
Motorized Display	x
Selected Angle Setting	x
Last Angle Memory	x
CD/DVD/USB/SD Memory Card/Bluetooth®/iPod/Media Playback	
CD-R/CD-RW/Video CD/DVD-R/DVD-RW/DVD-Video Playback	x
SD/SDHC Memory Card Slot	x
USB Port*1	Rear x 2 (1 Amp)
AUX Input (3.5 mm mini-jack)	Rear (Audio/Video)
Built-in Bluetooth*2	HFP/A2DP/AVRCP/SPP/SPP
Siri Eyes Free Compatible	x
AppRadio Mode*3	iPhone/Android*4
App Mode	iPhone
Direct Control for iPod/iPhone*5	USB/Bluetooth
Direct Control for Certain Android Phones*6	Bluetooth
Built-in MirrorLink™ *6	x
Link Search	x
MP3/WMA/iTunes® AAC Playback	DVD/CD/SD/USB
WAV/FLAC Audio Playback	SD/USB
DivX® Video Playback	DVD/CD
WMV/MPEG-4 Playback	DVD/CD/SD/USB
H.264/MKV/FLV Video Playback	SD/USB
Linear PCM Decoder	x
Dolby® Digital Decoder	x
DVD Chapter/Title Direct Search	x
DVD Chapter/Title/Disc Repeat	x
DVD Auto Play	x
Repeat (Disc/Title)	x

Tuner	
Supertuner® IIID	x
24 Stations/6 Presets	x
BSM (Best Stations Memory)	x
Local Seek Tuning	x
RDS	x
Audio	
MIXTRAX	x
Built-in Amplifier	MOSFET 50 W x 4
Hi-Volt RCA Preouts	3 (4V)
D/A Converter	96 kHz/24-bit
Auto EQ & Auto Time Alignment (CD-MC20 Required)	x
Crossover Network	HPF/LPF
Equalizer	13-Band Graphic
Advanced Sound Retriever	x
Sound Retriever Air	x
Subwoofer Control	x
General	
Pioneer TV Tuner Ready*7 (GEX-1550DTV/GEX-1550TV)	x
Rear-View Camera Input*8	x
Composite A/V Input	2 (Audio/Video)
Composite Video Output	1
HDMI Input	x
RGB Input	x
Dual Zone Audio/Video	x
Color Customization	5-Display Colors 112-Key Colors
Display Off Mode	x
JPEG Slide Show*9	SD/USB
Multi Language (Menu/ID3 Tag)*10	x
Wired Remote Input	x
Remote Control	x
Detachable Face Security™	x

- *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 HFP = Hands-Free Profile (version 1.6), A2DP = Advanced Audio Distribution Profile, AVRCP = Audio/Video Remote Control Profile (version 1.4), SSP = Secure Simple Profile, SPP = Serial Port Profile. Please refer to instruction manual for other information about profile compatibility.
- *3 Optional cable required when AppRadio Mode is in use.
- *4 Not all Android phones are compatible.
- *5 Optional cable required. Please refer to page 2 for compatible cable information.
- *6 CD-MU200 required (sold separately).
- *7 Respective cables for Pioneer TV Tuner and AppRadio Mode connection cannot be simultaneously connected to AV receiver.
- *8 Use input only for reverse or mirror image rear view camera. Other use may result in injury or damage.
- *9 JPEG files are displayed automatically as a slideshow.
- *10 Usable language differs according to region. Please see page 7 for more details.

Symbols for Special Features

Display

	Touch Panel Screen
7.0W	7.0-inch Wide Screen
VGA	VGA Display
	LED Backlight
	Multi-Language Display

Media & Format

	DVD Video Compatible
	DVD-R/RW Compatible
	CD-R/RW Compatible
H.264	H.264
FLAC	FLAC (Free Lossless Audio Codec) Audio
MP3	MP3 (MPEG Audio Layer-3)
WMA	WMA (Windows Media™ Audio)
AAC	iTunes® AAC (Advanced Audio Coding)
DivX	DivX® Digital Media
	Dolby® Digital Decoder

Connectivity

	Made for iPod and iPhone Products
	Compatible with Android Smartphones*
	AppRadio Mode
	App Mode
	Built-in MirrorLink™
	Back Up Camera Ready
	Built-in Bluetooth®
	Parrot
	Siri Eyes Free
	SD/SDHC Memory Card Compatible
	AUX-In Connectivity (mini-jack)
	Dual USB Ports
	HDMI Input
	Pioneer TV Tuner Ready

Audio

Hi-VOLT	Hi-Volt Preout
	RCA Preout
24bit	24-Bit DA Converter
	Auto EQ
	Dual Zone Audio/Video
	Supertuner® IIIID
RDS	Radio Data System
MOSFET 50Wx4	MOSFET 50 W x 4
MIXTRAX	MIXTRAX

General

	Detachable Face Security™ (DFS)
	Color Customization
	Wired Remote Input

Notes: PIONEER, MIXTRAX, and AppRadio are trademarks or registered trademarks of Pioneer Corporation. Apple is a trademark of Apple Inc., registered in the U.S. and other countries. iOS is a trademark on which Cisco holds the trademark right in the US and certain other countries. ANDROID is a trademark of Google Inc. The Bluetooth word mark and logos are registered trademarks owned by the Bluetooth SIG, Inc. and any use of such marks by Parrot S.A. is under license. All Rights reserved. The Parrot Trademarks appearing on this document are the sole and exclusive property of Parrot S.A. Windows Media and Windows are registered trademarks of Microsoft Corporation in the United States and/or other countries. DivX®, DivX Certified® and associated logos are trademarks of DivX, Inc. and are used under license. Playback of a DivX® file in an external storage device (USB Device/SD Memory Card) may initially be slightly delayed or not proceed smoothly, depending on file size or bit rate. Dolby, Pro Logic and the double-D symbol are registered trademarks of Dolby Laboratories. SDHC and microSDHC logos are trademarks. MirrorLink™ and the MirrorLink Logo are certification marks of the Car Connectivity Consortium LLC. Unauthorized use is strictly prohibited. iTunes is a trademark of Apple Inc., registered in the U.S. and other countries. AAC players can decode only those AAC files ripped and encoded using iTunes. Not every USB Device is compatible with a Pioneer receiver containing a USB port. Optional USB extension cable is available for use with front USB ports.

* Not all Android devices may be compatible with a Pioneer receiver via the USB port or Bluetooth. Pioneer receivers are compatible with Android UBS MSC (Mass Storage Class) devices only and are not compatible with MTP (Media Transfer Protocol) devices. Certain Bluetooth features may not be supported by all compatible Bluetooth-enabled Android devices, and/or the functionality of such features may be limited in certain devices or by certain wireless carriers.

All other brand, product names, or logos may be trademarks or registered trademarks of their respective holders.