



ENGLISH

KD-X330BTS / KD-X33MBS

DIGITAL **MEDIA RECEIVER**
INSTRUCTION MANUAL

JVCKENWOOD Corporation



For customer Use:

Enter below the Model No. and Serial No. which are located on the top or bottom of the cabinet. Retain this information for future reference.

Model No. _____
Serial No. _____

B5A-0824-00 [K]

FCC WARNING

This equipment may generate or use radio frequency energy. Changes or modifications to this equipment may cause harmful interference unless the modifications are expressly approved in the instruction manual. The user could lose the authority to operate this equipment if an unauthorized change or modification is made.

FCC NOTE

This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to Part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment may cause harmful interference to radio communications, if it is not installed and used in accordance with the instructions. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

- Reorient or relocate the receiving antenna.
- Increase the separation between the equipment and receiver.
- Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
- Consult the dealer or an experienced radio/TV technician for help.

CAUTION

This equipment complies with FCC/IC radiation exposure limits set forth for an uncontrolled environment and meets the FCC radio frequency (RF) Exposure Guidelines in Supplement C to OET65 and RSS-102 of the IC radio frequency (RF) Exposure rules. This equipment has very low levels of RF energy that it deemed to comply without maximum permissive exposure evaluation (MPE). But it is desirable that it should be installed and operated keeping the radiator at least 20cm or more away from person's body (excluding extremities: hands, wrists, feet and ankles).

Under Industry Canada regulations, this radio transmitter may only operate using an antenna of a type and maximum (or lesser) gain approved for the transmitter by Industry Canada. To reduce potential radio interference to other users, the antenna type and its gain should be so chosen that the equivalent isotropically radiated power (e.i.r.p.) is not more than that necessary for successful communication.

Contains Bluetooth Module

FCC ID: ZWY8811X

IC ID: 12033A-8811X

SOFTWARE LICENSE AGREEMENT

The software embedded in the Product (hereinafter the "Licensed Software") provided by Licensor is copyrighted to or sublicensable by the Licensor, and this Agreement provides for the terms and conditions which Users shall follow in order to use the Licensed Software.

The User shall use the Licensed Software by agreeing with the terms of this Software License Agreement. This Agreement shall be deemed completed at the time the User (hereinafter the "User") initially used the Product in which the "Licensed Software" is embedded.

The Licensed Software may include the software which has been licensed to the Licensor directly or indirectly from any third party. In such case, some third parties require the Users to follow their conditions for use separately from this Software License Agreement. Such software shall not be subject to this Agreement, and the Users are urged to read the "Important Notice concerning the Software" to be provided separately below.

Article 1 General Provision

The Licensor shall grant to the User a non-exclusive and non-transferable (other than the exceptional case referred to in Article 3, Paragraph 1) licensed to use the Licensed Software within the country of the User. (the country where the User bought the Product(hereinafter the "Country"))

Article 2 License

1. The license granted under this Agreement shall be the right to use the Licensed Software in the Product.
2. The User shall not duplicate, copy, modify, add, translate or otherwise alter, or lease the Licensed Software and any related documents, whether in whole or in part.
3. The use of the Licensed Software shall be limited to personal purpose, and the Licensed Software shall not be distributed, licensed or sub-licensed whether it is for commercial purpose or not.
4. The User shall use the Licensed Software according to the directions described in the operation manual or help file, and is prohibited to use or duplicate any data in a manner violating the Copyright Law or any other laws and regulations by applying whole or a part of the Licensed Software.

Article 3 Conditions for Grant of License

1. When the User transfers the Product, it may also transfer the license to use the Licensed Software embedded in the Product (including any related materials, updates and upgrades) on condition that no original, copies or related materials continue in the possession of the User, and that the User shall cause the transferee to comply with this Software License Agreement.
2. The User shall not carry out reverse engineering, disassembling, decompiling or any other code analysis works in connection with the Licensed Software.

Article 4 Right pertaining to the Licensed Software

Any and all copyrights and other rights pertaining to the Licensed Software and related documents shall belong to the Licensor or the original holder of the right who granted to the Licensor the license or sublicense for the Licensed Software (hereinafter the "Original Rightholder"), and the User shall not be entitled to any right other than the license granted hereunder, in respect of the Licensed Software and any related documents.

Article 5 Indemnification of Licensor

1. Neither the Licensor nor the Original Rightholder shall be liable for any damage incurred by the User or any third party due to the exercise of the license granted to the User under this Agreement, unless otherwise restricted by law.
2. The Licensor will offer no guarantee for the merchantability, convertibility and consistency with certain objective of the Licensed Software.

Article 6 Liability to Third Party

If any dispute has arisen with any third party due to an infringement upon a copyright, patent or any other intellectual property right that was caused by the User's use of the Licensed Software, the User shall settle such dispute at its own cost and hold the Licensor and the Original Rightholder harmless from any inconvenience it may cause.

Article 7 Confidentiality

The User shall keep the confidentiality of such portion of the Licensed Software, related documents thereof or any other information to be granted under this Agreement, as well as the conditions of this Agreement as has not yet entered the public domain, and shall not disclose or divulge the same to any third party without approval of the Licensor.

Article 8 Termination

In case the User falls under any of the events described in the following items, the Licensor may immediately terminate this Agreement or claim that the User compensates for the damage incurred by the Licensor due to such event:

- (1) when the User violated any provision of this Agreement; or
- (2) when a petition has been filed against the User for an attachment, provisional attachment, provisional disposition or any other compulsory execution.

Article 9 Destruction of the Licensed Software

If this Agreement is terminated pursuant to the provision of Article 8, the User shall destroy the Licensed Software, any related documents and copies thereof within two (2) weeks from such date of termination.

Article 10 Protection of Copyright

1. The copyright and all the other intellectual property rights relating to the Licensed Software shall belong to the Licensor and the Original Rightholder, and in no event shall they be under the ownership of the User.
2. The User shall, whenever it uses the Licensed Software, comply with any laws relating to the copyright and other intellectual property rights.

Article 11 Export Restriction

1. It is prohibited to export the Licensed Software and any related documents outside the country of the User (including transmission thereof outside the country of the User via Internet or other communication tools).
2. The User shall understand that the Licensed Software shall be subject to the export restrictions adopted by the country of User and any other countries.
3. The User shall agree that the software will be subject to any and all applicable international and domestic laws (including the export control regulation of the country of User and any other countries, and any restrictions concerning the end-users, the use by end-users and importing countries to be provided by the country of User and any other countries, and any other governmental authorities).

Article 12 Miscellaneous

1. In the event any part of this Agreement is invalidated by operation of law, the residual provisions shall continue in force.
2. Matters not stipulated in this Agreement or any ambiguity or question raised in the construction of this Agreement shall be provided or settled upon good-faith consultation between the Licensor and the User.
3. The Licensor and the User hereby agree that this Agreement is governed by the laws of Japan, and any dispute arising from, and relating to the rights and obligations under, this Agreement shall be submitted to the exclusive jurisdiction of the Tokyo District Court for its first instance.

Important Notice concerning the Software

-jansson

Permission is hereby granted, free of charge, to any person obtaining a copy of this software and associated documentation files (the "Software"), to deal in the Software without restriction, including without limitation the rights to use, copy, modify, merge, publish, distribute, sublicense, and/or sell copies of the Software, and to permit persons to whom the Software is furnished to do so, subject to the following conditions:

The above copyright notice and this permission notice shall be included in all copies or substantial portions of the Software.

THE SOFTWARE IS PROVIDED "AS IS", WITHOUT WARRANTY OF ANY KIND, EXPRESS OR IMPLIED, INCLUDING BUT NOT LIMITED TO THE WARRANTIES OF MERCHANTABILITY, FITNESS FOR A PARTICULAR PURPOSE AND NONINFRINGEMENT. IN NO EVENT SHALL THE AUTHORS OR COPYRIGHT HOLDERS BE LIABLE FOR ANY CLAIM, DAMAGES OR OTHER LIABILITY, WHETHER IN AN ACTION OF CONTRACT, TORT OR OTHERWISE, ARISING FROM, OUT OF OR IN CONNECTION WITH THE SOFTWARE OR THE USE OR OTHER DEALINGS IN THE SOFTWARE.

BEFORE USE

IMPORTANT

- To ensure proper use, please read through this manual before using this product. It is especially important that you read and observe Warning and Caution in this manual.
- Please keep the manual in a safe and accessible place for future reference.

⚠ Warning

Do not operate any function that takes your attention away from safe driving.

⚠ Caution Volume setting:

- Adjust the volume so that you can hear sounds outside the car to prevent accidents.
- Lower the volume before playing digital sources to avoid damaging the speakers by the sudden increase of the output level.

General:

- Avoid using the external device if it might hinder safe driving.
- Make sure all important data has been backed up. We shall bear no responsibility for any loss of recorded data.
- Never put or leave any metallic objects (such as coins or metal tools) inside the unit to prevent a short circuit.

Remote control (RM-RK52):

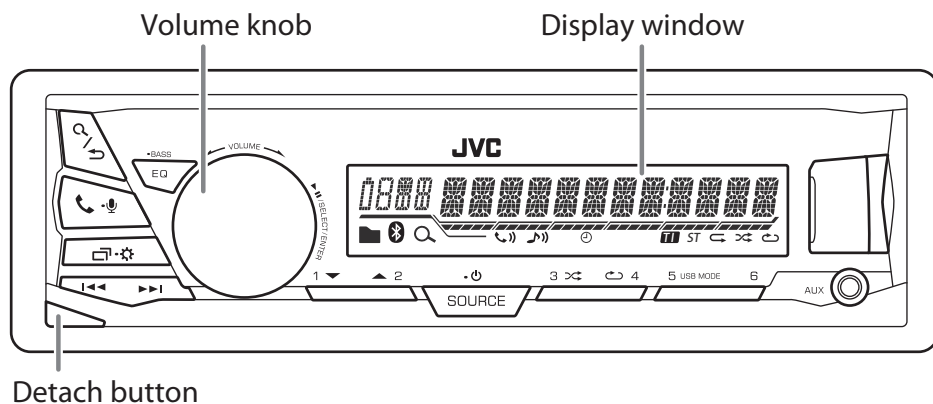
- Do not leave the remote control in hot places such as on the dashboard.
- The Lithium battery is in danger of explosion if replaced incorrectly. Replace it only with the same or equivalent type.
- The battery pack or batteries shall not be exposed to excessive heat such as sunshine, fire or the like.
- Keep the battery out of reach of children and in its original packaging when not in used. Dispose of used batteries promptly. If swallowed, contact a physician immediately.

How to read this manual

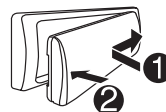
- Operations are explained mainly using buttons on the faceplate of **KD-X330BTS**.
- English indications are used for the purpose of explanation. You can select the display language from the menu.
- **[XX]** indicates the selected items.
- **(→XX)** indicates references are available on the stated page.

BASICS

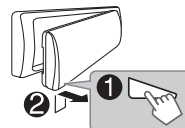
Faceplate



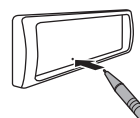
Attach



Detach



How to reset

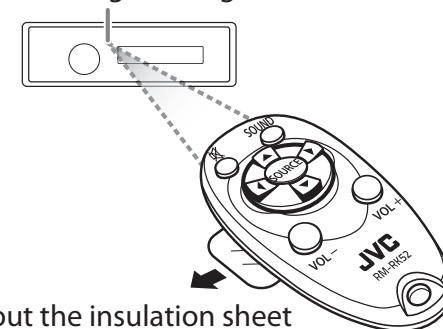


Press the switch twice within 5 seconds after detaching the faceplate.

Remote control (RM-RK52)

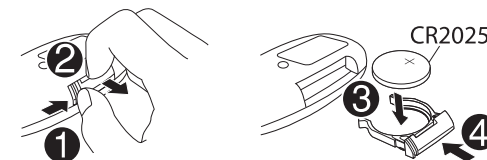
KD-X33MBS can be remotely controlled with an optionally purchased remote control.

Remote sensor (Do not expose to bright sunlight.)



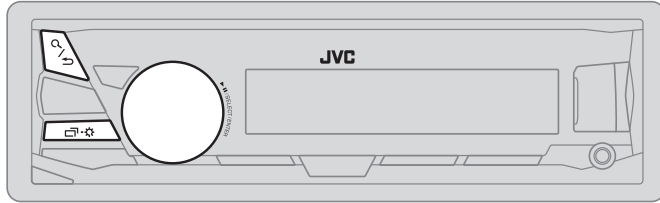
Pull out the insulation sheet when using for the first time.

How to replace the battery



To	On the faceplate	On the remote control
Turn on the power	Press SOURCE -. • Press and hold to turn off the power.	(Not available)
Adjust the volume	Turn the volume knob. Press the volume knob to mute the sound or pause playback. • Press again to cancel.	Press VOL + or VOL - . Press to mute the sound or pause playback. • Press again to cancel.
Select a source	• Press SOURCE - repeatedly. • Press SOURCE -, then turn the volume knob within 2 seconds.	Press SOURCE repeatedly.
Change the display information	Press repeatedly.	(Not available)

GETTING STARTED



1 Cancel the demonstration

When you turn on the power for the first time (or [FACTORY RST] is set to [YES]), the display shows: "CANCEL DEMO" → "PRESS" → "VOLUME KNOB"

- 1 Press the volume knob.
[YES] is selected for the initial setup.
- 2 Press the volume knob again.
"DEMO OFF" appears.

2 Set the clock

- 1 Press and hold .
- 2 Turn the volume knob to select [CLOCK], then press the knob.
- 3 Turn the volume knob to select [CLOCK SET], then press the knob.
- 4 Turn the volume knob to make the settings, then press the knob.
Day → Hour → Minute
- 5 Turn the volume knob to select [24H/ 12H], then press the knob.
- 6 Turn the volume knob to select [12 HOUR] or [24 HOUR], then press the knob.
- 7 Press to exit.

To return to the previous setting item, press .

3 Set the basic settings

- 1 Press and hold .
- 2 Turn the volume knob to select an item (see the following table), then press the knob.
- 3 Repeat step 2 until the desired item is selected or activated.
- 4 Press to exit.

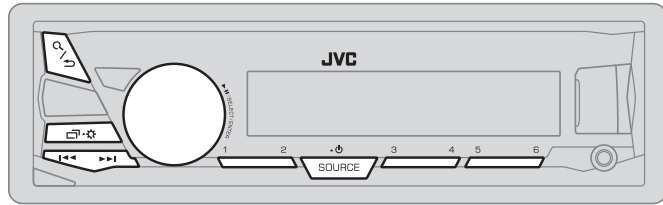
To return to the previous setting item, press .

Default: XX

SETTINGS	
BEEP	(Not applicable when 3-way crossover is selected.) <u>ON</u> : Activates the keypress tone. ; <u>OFF</u> : Deactivates.
SRC SELECT	
AM*	<u>ON</u> : Enables AM in source selection. ; <u>OFF</u> : Disables.
PANDORA*	<u>ON</u> : Enables PANDORA in source selection. ; <u>OFF</u> : Disables.
IHEART*	<u>ON</u> : Enables IHEARTRADIO in source selection. ; <u>OFF</u> : Disables.
AUX*	<u>ON</u> : Enables AUX in source selection. ; <u>OFF</u> : Disables.
F/W UPDATE	
SYSTEM	
F/W xxxx	<u>YES</u> : Starts upgrading the firmware. ; <u>NO</u> : Cancels (upgrading is not activated).
FACTORY RST	<u>YES</u> : Resets the settings to default (except the stored station). ; <u>NO</u> : Cancels.
CLOCK	
CLOCK SYNC	<u>AUTO</u> : The clock time is automatically set using the Clock Time (CT) data in FM Radio Broadcast Data System signal. ; <u>OFF</u> : Cancels.
CLOCK DISP	<u>ON</u> : The clock time is shown on the display even when the unit is turned off. ; <u>OFF</u> : Cancels.
ENGLISH	Select the display language for menu and music information if applicable.
ESPAÑOL	By default, <u>ENGLISH</u> is selected.

* Not displayed when the corresponding source is selected.

RADIO



“ST” lights up when receiving an FM stereo broadcast with sufficient signal strength.

Search for a station

- 1 Press **SOURCE**- repeatedly to select FM or AM.
- 2 Press (or press / on RM-RK52) to search for a station automatically.
(or)
Press and hold (or press and hold / on RM-RK52) until “M” flashes, then press repeatedly to search for a station manually.

Settings in memory

You can store up to 18 stations for FM and 6 stations for AM.

■ Store a station

While listening to a station....

Press and hold one of the number buttons (1 to 6).

(or)

- 1 Press and hold the volume knob until “PRESET MODE” flashes.
- 2 Turn the volume knob to select a preset number, then press the knob.

The preset number flashes and “MEMORY” appears.

■ Select a stored station

Press one of the number buttons (1 to 6).

(or)

- 1 Press .
- 2 Turn the volume knob to select a preset number, then press the knob to confirm.

Other settings

- 1 Press and hold .
- 2 Turn the volume knob to select [TUNER], then press the knob.
- 3 Turn the volume knob to select an item (see the following table), then press the knob.
- 4 Repeat step 3 until the desired item is selected/activated or follow the instructions stated on the selected item.
- 5 Press to exit.

To return to the previous setting item, press .

Default: **XX**

RADIO TIMER

Turns on the radio at a specific time regardless of the current source.

- 1 **ONCE/ DAILY/ WEEKLY/ OFF**: Select how often the timer will be turned on.
- 2 **FM/ AM/ SIRIUS XM*1**: Select the source.
- 3 **01 to 18** (for FM/ SIRIUS XM)/ **01 to 06** (for AM): Select the preset station.
- 4 Set the activation day*2 and time.
“” lights up when complete.

Radio Timer will not activate for the following cases.

- The unit is turned off.
- [OFF] is selected for [AM] in [SRC SELECT] after Radio Timer for AM is selected. (→ 4)

*1 Selectable only when SiriusXM Vehicle Tuner is connected. (→ 11)

*2 Selectable only when [ONCE] or [WEEKLY] is selected in step 1.

RADIO

Default: **XX**

SSM	SSM 01 – 06 / SSM 07 – 12 / SSM 13 – 18: Automatically presets up to 18 stations for FM. "SSM" stops flashing when the first 6 stations are stored. Select SSM 07 – 12 / SSM 13 – 18 to store the following 12 stations.
IF BAND	AUTO: Increases the tuner selectivity to reduce interference noises from adjacent FM stations. (Stereo effect may be lost.) ; WIDE: Subjects to interference noises from adjacent FM stations, but sound quality will not be degraded and the stereo effect will remain.
MONO*	ON: Improves the FM reception, but the stereo effect will be lost. ; OFF: Cancels.
AREA	AREA US: For North/Central/South America, AM/FM intervals: 10 kHz/200 kHz. ; AREA SA: For some South American countries, AM/FM intervals: 10 kHz/50 kHz. ; AREA EU: For any other areas, AM/FM intervals: 9 kHz/50 kHz.
PTY SEARCH*	Select a PTY code (see below). If there is a station broadcasting a program of the same PTY code as you have selected, that station is tuned in.

PTY code: **NEWS, INFORM** (information), **SPORTS, TALK, ROCK, CLS ROCK** (classic rock), **ADLT HIT** (adult hits), **SOFT RCK** (softrock), **TOP 40, COUNTRY, OLDIES, SOFT, NOSTALGA** (nostalgia), **JAZZ, CLASSICL** (classical), **R & B** (rhythm and blues), **SOFT R&B** (soft rhythm and blues), **LANGUAGE, REL MUSC** (religious music), **REL TALK** (religious talk), **PERSNLTY** (personality), **PUBLIC, COLLEGE, HABL ESP** (Spanish talk), **MUSC ESP** (Spanish music), **HIP HOP, WEATHER**

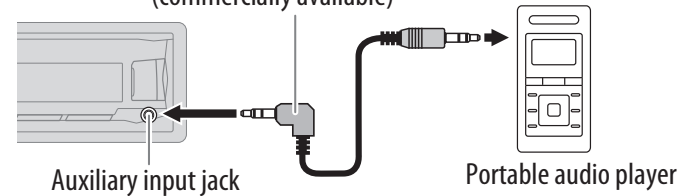
* Only for FM source.

AUX

Use a portable audio player

1 Connect a portable audio player (commercially available).

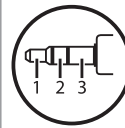
3.5 mm (1/8") stereo mini plug with "L" shaped connector (commercially available)



2 Select [ON] for [AUX] in [SRC SELECT]. (→ 4)

3 Press **SOURCE**- repeatedly to select **AUX**.

4 Turn on the portable audio player and start playback.



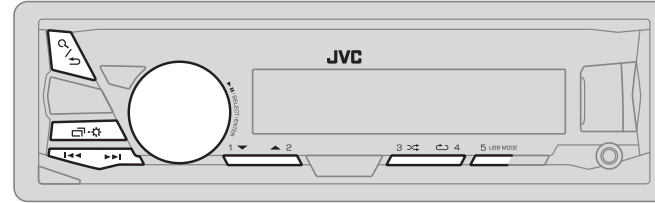
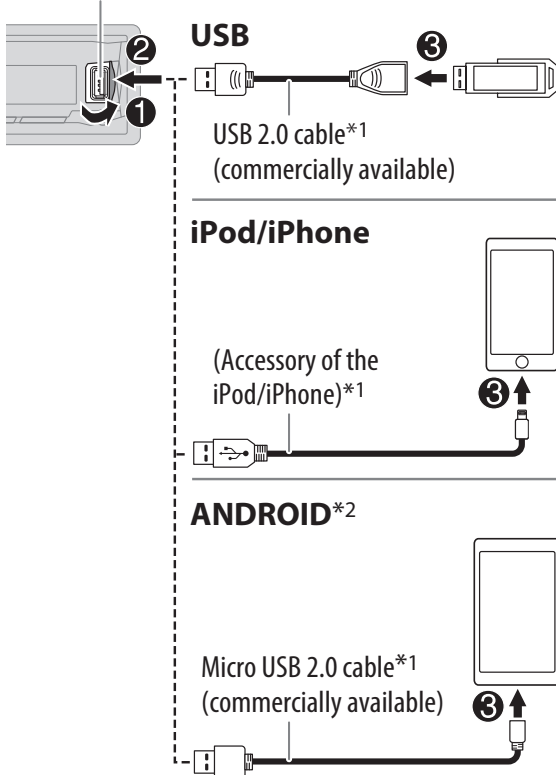
Use a 3-core plug head stereo mini plug for optimum audio output.

USB / iPod / ANDROID

Start playback

The source changes automatically and playback starts.

USB input terminal



To	On the faceplate	On the remote control
Reverse / Fast-forward*3	Press and hold ◀◀ / ▶▶ .	Press and hold ◀ / ▶.
Select a file	Press ◀◀ / ▶▶ .	Press ◀ / ▶.
Select a folder*4	Press 2 ▲ / 1 ▼.	Press ▲ / ▼.
Repeat play*5	Press 4 ↺ repeatedly. TRACK RPT/ FOLDER RPT/ ALL RPT : MP3/WMA/AAC/WAV/FLAC file ONE RPT/ ALL RPT/ RPT OFF : iPod or ANDROID	
Random play*5	Press 3 ↻ repeatedly. FOLDER RND/ ALL RND/ RND OFF : MP3/WMA/AAC/WAV/FLAC file SONG RND/ ALL RND/ RND OFF : iPod or ANDROID	

*1 Do not leave the cable inside the car when not using.

*2 When connecting an Android device, "Press [VIEW] to install JVC MUSIC PLAY APP" is shown. Follow the instructions to install the application. You can also install the latest version of JVC MUSIC PLAY application on your Android device before connecting. (→ 25)

*3 For ANDROID: Applicable only when [AUTO MODE] is selected. (→ 8)

*4 Only for MP3/WMA/AAC/WAV/FLAC files. This does not work for iPod/ ANDROID.

*5 For iPod/ ANDROID: Applicable only when [HEAD MODE]/ [AUTO MODE] is selected. (→ 8)

USB / iPod / ANDROID

Select control mode

While in USB-IPOD source, press **5 USB MODE** repeatedly.

HEAD MODE: Control iPod from this unit.

IPHONE MODE: Control iPod using the iPod itself. However, you can still play/pause or file skip from this unit.

While in ANDROID source, press **5 USB MODE** repeatedly.

AUTO MODE: Control Android device from this unit via JVC MUSIC PLAY application installed in the Android device.

AUDIO MODE: Control Android device using the Android device itself via other media player applications installed in the Android device. However, you can still play/pause or file skip from this unit.

Select music drive

Press **5 USB MODE** repeatedly.

Stored songs in the following drive will be played back.

- Selected internal or external memory of a smartphone (Mass Storage Class).
- Selected drive of a multiple drives device.

Select a file from a folder/list

- 1 Press **Q/↵**.
- 2 Turn the volume knob to select a folder/list, then press the knob.
- 3 Turn the volume knob to select a file, then press the knob.

Quick Search

If you have many files, you can search through them quickly.

Turn the volume knob quickly to browse through the list quickly.

– Not applicable for iPod.

Alphabet search (applicable only for iPod):

You can search for a file according to the first character.

Press **2 ▲/ 1 ▼ or turn the volume knob quickly to select the desired character (A to Z/ 0 to 9/ OTHERS).**

– Select "OTHERS" if the first character is other than A to Z, 0 to 9.

- To return to the previous setting item, press **Q/↵**.
- To cancel, press and hold **Q/↵**.
- For iPod, applicable only when [**HEAD MODE**] is selected.
- For ANDROID, applicable only when [**AUTO MODE**] is selected.

Pandora®

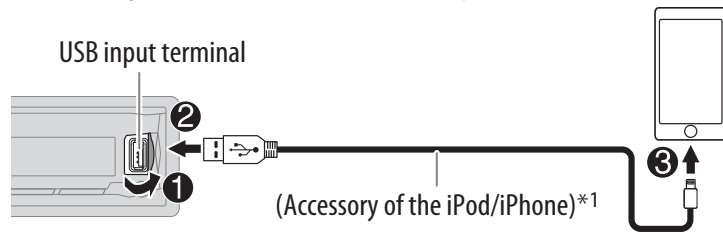
Preparation:

Install the latest version of the Pandora application on your device (iPhone/ iPod touch), then create an account and log in to Pandora.

- Select [ON] for [PANDORA] in [SRC SELECT]. (→ 4)

Start listening

- 1 Open the Pandora application on your device.
- 2 Connect your device to the USB input terminal.



- 3 Press **SOURCE**- repeatedly to select PANDORA.
Broadcast starts automatically

To	On the faceplate	On the remote control
Playback / pause	Press the volume knob.	Press .
Skip a track	Press .	Press .
Thumbs up or thumbs down*2	Press 2 / 1 .	Press / .

*1 Do not leave the cable inside the car when not using.

*2 If thumbs down is selected, the current track is skipped.

Create and save a new station

- 1 Press .
- 2 Turn the volume knob to select [NEW STATION], then press the knob.
- 3 Turn the volume knob to select [FROM TRACK] or [FROM ARTIST], then press the knob.

A new station is created based on the current song or artist.

- 4 Press and hold number button **3, 4, 5** or **6** to store.

To select a stored station, press number button **3, 4, 5** or **6**.

Search for a registered station

- 1 Press .
- 2 Turn the volume knob to select an item, then press the knob.
[BY DATE]: According to the registered date.
[A-Z]: Alphabetical order.
- 3 Turn the volume knob to select the desired station, then press the knob.

To cancel, press and hold .

Bookmark current song information

Press and hold the volume knob.

"BOOKMARKED" appears and the information is stored to your device.
The bookmark is available on your Pandora account but not on this unit.

iHeartRadio®

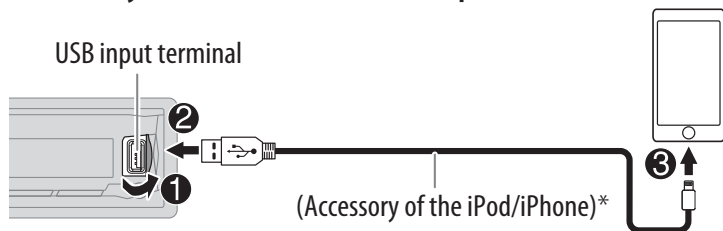
Preparation:

Install the latest version of iHeartAuto application on your device (iPhone/ iPod touch), then create an account and log in to iHeartRadio.

- Select [ON] for [IHEART] in [SRC SELECT]. (→ 4)

Start listening

- 1 Open the iHeartAuto application on your device.
- 2 Connect your device to the USB input terminal.



- 3 Press **SOURCE**-⏻ repeatedly to select IHEARTRADIO. Broadcast starts automatically

* Do not leave the cable inside the car when not using.

To	On the faceplate	On the remote control
Playback / pause	Press the volume knob.	Press .
Skip a track for custom station	Press .	Press .
Thumbs up or thumbs down	Press 2 / 1 .	Press / .
Create a new/ custom station	Press and hold the volume knob.	(Not available)
Scan for live station	<ol style="list-style-type: none"> 1 Press 3 to start scanning. 2 Press the volume knob to listen to the station. 	(Not available)

Search and store a station

- 1 Press / .
 - 2 Turn the volume knob to select a category, then press the knob.
 - 3 Turn the volume knob to select the desired station, then press the knob.
- When a city list appears, you can search cities in alphabetical order by turning the volume knob quickly.

To cancel, press and hold / .

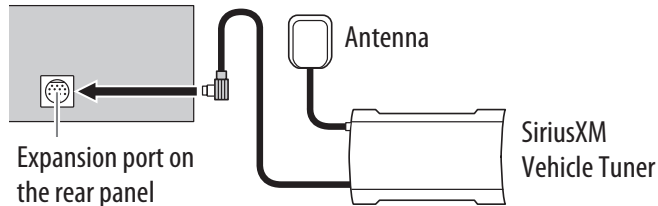
- **To store a station:** Press and hold one of the number buttons (**4** to **6**).
- **To select a stored station:** Press one of the number buttons (**4** to **6**).

SiriusXM® Radio

Only SiriusXM® brings you more of what you love to listen to, all in one place. Get over 140 channels, including commercial-free music plus the best sports, news, talk, comedy and entertainment. Welcome to the world of satellite radio. A SiriusXM Vehicle Tuner and Subscription are required.

Preparation:

- 1 Connect the optional SiriusXM Vehicle Tuner (commercially available).










- 2 Check your Radio ID for activation.

The SiriusXM Radio ID is required for activation and can be found by tuning to Channel 0 as well as on the label found on the SiriusXM Connect tuner and its packaging.

The Radio ID does not include the letters I, O, S or F.

- 3 Press **SOURCE**- repeatedly to select SIRIUS XM to start updating.





Start listening

- 1 Press **SOURCE**- repeatedly to select SIRIUS XM.
- 2 Press  / .
"Q" lights up.
- 3 Turn the volume knob to select a CATEGORY, then press the knob.
- 4 Turn the volume knob to select a category from the list, then press the knob.
If "ALL CHANNEL" is selected, all the available channels will be shown.
- 5 Turn the volume knob to select a channel, then press the knob.
(or)
Press  /  to search for a channel manually.
 - Pressing and holding  /  changes the channel rapidly.

If a locked channel or a mature channel is selected, a pass code input screen appears. Enter the pass code to receive the channel. (→ 13)

Store a channel

You can store up to 18 channels.










To	Do this
Store a channel	Press and hold one of the number buttons (1 to 6). <ol style="list-style-type: none">1 Press and hold the volume knob until "PRESET MODE" flashes.2 Turn the volume knob to select a preset number, then press the knob. The preset number flashes and "MEMORY" appears.
Select a stored channel	Press one of the number buttons (1 to 6). <ol style="list-style-type: none">1 Press  / .2 Turn the volume knob to select PRESET, then press the knob.3 Turn the volume knob to select a preset number, then press the knob. Press  /  on RM-RK52.

SiriusXM® Radio

SiriusXM Replay™

- 1 Press the volume knob.
“⏮” lights up and the unit memorizes this paused position.
- 2 Press the volume knob to start Replay.
Replay starts from the paused position in step 1.

During Replay...

To	On the faceplate	On the remote control
Playback / pause	Press the volume knob.	Press 
Skip the current song backward/forward	Press   .	Press  /  .
Rewind / Fast-forward	Press and hold  /  .	Press and hold  /  .
Go to Live and exit Replay	Press and hold the volume knob.	





SmartFavorites and TuneStart™

User preset channels are initially assigned as the SmartFavorites channels. SmartFavorite channel is available with SXV200 or later SiriusXM tuner models. The SiriusXM Vehicle Tuner automatically buffers the broadcast audio content of the SmartFavorites channels in the background.

- **Using SXV200:** This unit can assign a maximum of 6 SmartFavorites channels. If you try to assign the 7th channel, an error beep tone will be heard. Initially, preset channels 1 to 6 are assigned as SmartFavorites.
- **Using SiriusXM tuner models later than SXV200:** This unit can assign a maximum of 18 SmartFavorites channels. Initially, all preset channels are assigned as SmartFavorites.
- “*” appears at the last character of the channel name for the SmartFavorites channels.





When you select a SmartFavorites channel, you can rewind and replay up to 30 minutes of any of the missed news, talk, sports or music content.

- Playback starts from the beginning of the song if [TUNE START] is set to [ON] (→ 13) for most music channels stored as a SmartFavorite.

To	On the faceplate
Select a stored SmartFavorite channel	Press one of the number buttons (1 to 6). <ol style="list-style-type: none"> 1 Press  / . 2 Turn the volume knob to select a preset number, then press the knob to confirm.
Cancel SmartFavorites channels	<ol style="list-style-type: none"> 1 Press  / . 2 Turn the volume knob to select PRESET, then press the knob. 3 Turn the volume knob to select a preset number, then press and hold the knob. “*” are removed from the last character.
Reassign SmartFavorites channels	Repeat steps 1 to 3 of cancelling SmartFavorites channels. “*” appears at the last character.





TuneScan™

You can get a short preview of the songs that you have missed on each of your SmartFavorite music channels or currently tuned music channel.

- 1 Press  / .
 - 2 Turn the volume knob to select TUNE SCAN, then press the knob.
Scanning start for the first 6 seconds of the recorded music contents.
- To listen to the current song, press the volume knob to stop scanning. The unit continues playing the current song.
 - To select the previous/next song, press  .
 - To cancel scanning, press and hold the volume knob. Playback returns to the channel before you entered TuneScan.







SiriusXM® Radio

SiriusXM settings

- 1 Press and hold  .
- 2 Turn the volume knob to select [SIRIUS XM], then press the knob.
- 3 Turn the volume knob to select an item (see the following table), then press the knob.
- 4 Repeat step 3 until the desired item is selected/activated or follow the instructions stated on the selected item.
- 5 Press   to exit.

To return to the previous setting item, press  / .

Default: **XX**

CH LOCK	To unlock settings: <ol style="list-style-type: none"> 1 Turn the volume knob to select a number. 2 Press  /  to move to the entry position. 3 Repeat steps 1 and 2 to enter the current pass code. (Initial pass code is 0000.) 4 Press the volume knob to confirm.
CODE SET	<ol style="list-style-type: none"> 1 Press the volume knob to enter [NEW CODE]. 2 Turn the volume knob to select a number. 3 Press  /  to move to the entry position. 4 Repeat steps 2 and 3 to enter a new 4-digit pass code. 5 Press the volume knob to confirm. 6 Repeat steps 2 to 5 to reconfirm the pass code. <ul style="list-style-type: none"> • Make a note of the new pass code to enter channel lock settings for next time.
LOCK SET	MATURE CH: Selects the SiriusXM-defined lock setting. ; USER DEFINED: Selects the individual channels the user wants to lock. ; OFF: Cancels.
CH EDIT *1	<ol style="list-style-type: none"> 1 Turn the volume knob to select a category, then press the knob. 2 Turn the volume knob to select a channel you want to lock, then press the knob. “L” appears in front of the channel number. 3 Press and hold  /  to exit.
CH CLEAR *1	YES: Clears all the locked channels. ; NO: Cancels.

TUNE START *2	ON: All qualified music channels in the Smart Favorites will start playback from the beginning of the song. ; OFF: Cancels.
SIGNAL LVL	NO SIGNAL/ WEAK/ GOOD/ STRONG: Shows the strength of the current received signal.
BUF USAGE	0% — 100% (0): Shows the memory usage for Replay buffer.
SXM RESET	YES: Resets stored channel and lock setting to default. ; NO: Cancels.

*1 Displayed only when [USER DEFINED] is selected.

*2 Available only if the connected SiriusXM Vehicle Tuner is SXV200 or later that supports SmartFavorites.

BLUETOOTH®

BLUETOOTH — Connection

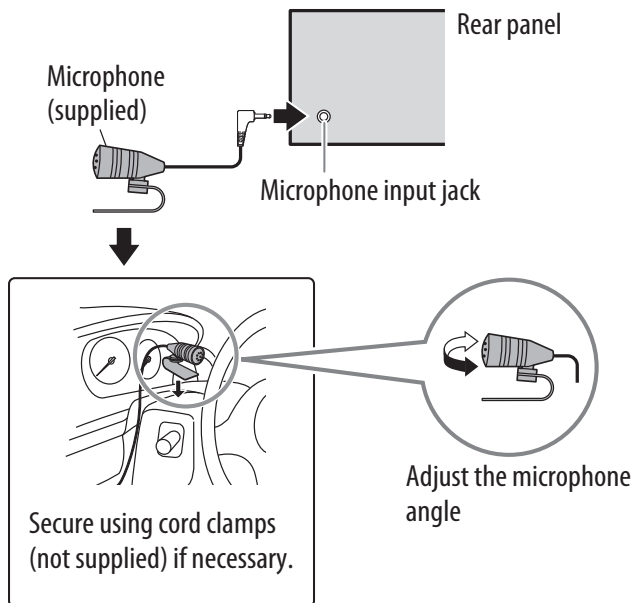
Supported Bluetooth profiles

- Hands-Free Profile (HFP)
- Advanced Audio Distribution Profile (A2DP)
- Audio/Video Remote Control Profile (AVRCP)
- Serial Port Profile (SPP)
- Phonebook Access Profile (PBAP)

Supported Bluetooth codecs

- Sub Band Codec (SBC)
- Advanced Audio Coding (AAC)

Connect the microphone



Pair and connect a Bluetooth device for the first time

- 1 Press **SOURCE**- to turn on the unit.
- 2 Search and select **"JVC UNIT"** on the Bluetooth device.
"BT PAIRING" flashes on the display.
 - For some Bluetooth devices, you may need to enter the Personal Identification Number (PIN) code immediately after searching.
- 3 Perform (A) or (B) depending on what scrolls on the display.
For some Bluetooth devices, pairing sequence may vary from the steps described below.
 - (A) "[Device Name]" → "XXXXXX" → "VOL - YES" → "BACK - NO"
"XXXXXX" is a 6-digit passkey randomly generated during each pairing.
 - 1 Ensure that the passkey which appears on the unit and Bluetooth device is the same.
 - 2 Press the volume knob to confirm the passkey.
 - 3 Operate the Bluetooth device to confirm the passkey.
 - (B) "[Device Name]" → "VOL - YES" → "BACK - NO"
 - 1 Press the volume knob to start pairing.
 - 2 • If "PAIRING" → "PIN 0000" scrolls on the display, enter the PIN code "0000" into the Bluetooth device.
You can change to a desired PIN code before pairing. (→ 18)
• If only "PAIRING" appears, operate the Bluetooth device to confirm pairing."PAIRING COMPLETED" appears when pairing is completed and will light up when the Bluetooth connection is established.

Lights up to show the battery strength and signal strength.*



* Functionality depends on the type of the phone used.

- This unit supports Secure Simple Pairing (SSP).
- Up to 10 devices can be registered (paired) in total.
- Once the pairing is completed, the Bluetooth device will remain registered in the unit even if you reset the unit. To delete the paired device, → 18, [DELETE PAIR].
- A maximum of two Bluetooth phones and one Bluetooth audio device can be connected at any time.
- Some Bluetooth devices may not automatically connect to the unit after pairing. Connect the device to the unit manually.
- Refer to the instruction manual of the Bluetooth device for more information.

BLUETOOTH®

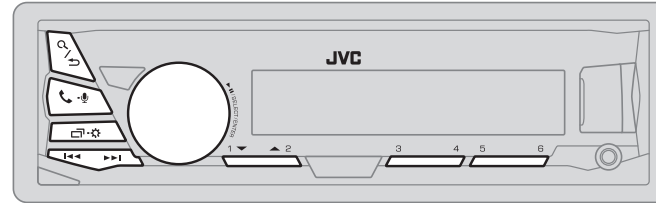
Auto Pairing

When you connect the iPhone/ iPod touch/ Android device to the USB input terminal, pairing request (via Bluetooth) is automatically activated.

Press the volume knob to pair once you have confirmed the device name.

- Automatic pairing request is activated only if:
- Bluetooth function of the connected device is turned on.
 - [AUTO CNNT] is set to [ON]. (➔ 18)
 - JVC MUSIC PLAY application is installed on the Android device (➔ 7) and [AUTO MODE] is selected (➔ 8).

BLUETOOTH — Mobile phone



Receive a call

When there is an incoming call:

- The buttons will blink in the blinking pattern you have selected in [RING ILLUMI]. (➔ 16)
- The unit answers the call automatically if [AUTO ANSWER] is set to a selected time. (➔ 16)

During a call:

- The buttons stop blinking.
- If you turn off the unit or detach the faceplate, the Bluetooth connection is disconnected.

To	On the faceplate	On the remote control
First incoming call...		
Answer a call	Press - or the volume knob.	Press / / / .
Reject a call	Press and hold - or the volume knob.	Press and hold / / / .
End a call	Press and hold - or the volume knob.	Press and hold / / / .

BLUETOOTH®

To	On the faceplate	On the remote control
While talking on the first incoming call...		
Answer another incoming call and hold the current call	Press - or the volume knob.	(Not available)
Reject another incoming call	Press and hold - or the volume knob.	(Not available)
While having two active calls...		
End current call and activate held call	Press and hold - or the volume knob.	Press and hold / / / .
Swap between the current call and held call	Press - .	(Not available)
Adjust the phone volume [00] to [35] (Default: [15])	Turn the volume knob during a call. <ul style="list-style-type: none"> This adjustment will not affect the volume of the other sources. 	(Not available)
Switch between hands-free and private talk modes	Press / during a call. <ul style="list-style-type: none"> Operations may vary according to the connected Bluetooth device. 	(Not available)

■ Improve the voice quality

While talking on the phone....

- 1 Press and hold · .
- 2 Turn the volume knob to select an item (see the following table), then press the knob.
- 3 Repeat step 2 until the desired item is selected or activated.
- 4 Press · to exit.

To return to the previous setting item, press / .

Default: XX

MIC LEVEL	-10 — +10 (-4): The sensitivity of the microphone increases as the number increased.
NOISE RDCT	-5 — +5 (0): Adjust the noise reduction level until the least noise is being heard during a phone conversation.
ECHO CANCEL	-5 — +5 (0): Adjust the echo cancellation delay time until the least echo is being heard during a phone conversation.

■ Make the settings for receiving a call

- 1 Press - to enter Bluetooth mode.
- 2 Turn the volume knob to select an item (see the following table), then press the knob.
- 3 Repeat step 2 until the desired item is selected or activated.

To return to the previous setting item, press / .



Default: XX


SETTINGS	
AUTO ANSWER	01 SEC — 30 SEC: The unit answers incoming call automatically in the selected time (in seconds). ; <u>OFF</u> : Cancels.
RING ILLUMI	BLINK 1 — BLINK 5 (<u>BLINK 2</u>): Selects the notification blinking pattern for the buttons when there is an incoming call. ; <u>OFF</u> : Cancels.

BLUETOOTH®

Make a call



You can make a call from the call history, phonebook, or dialing the number. Call by voice is also possible if your mobile phone has the feature.

- 1 Press  -  to enter Bluetooth mode.
- 2 Turn the volume knob to select an item (see the following table), then press the knob.
- 3 Repeat step 2 until the desired item is selected/activated or follow the instructions stated on the selected item.

To return to the previous setting item, press  / .

RECENT CALL	(Applicable only if the phone supports PBAP) <ol style="list-style-type: none">1 Press the volume knob to select a name or a phone number.<ul style="list-style-type: none">• “<” indicates call received, “>” indicates call made, “M” indicates call missed.• “NO HISTORY” appears if there is no recorded call history or call number.2 Press the volume knob to call.
PHONEBOOK	(Applicable only if the phone supports PBAP) <ol style="list-style-type: none">1 Press 2 ▲ / 1 ▼ to select the desired letter (A to Z, 0 to 9, and OTHERS).<ul style="list-style-type: none">• “OTHERS” appears if the first character is other than A to Z, 0 to 9.2 Turn the volume knob to select a name, then press the knob.3 Turn the volume knob to select a phone number, then press the knob to call. <ul style="list-style-type: none">• The phonebook of the connected phone is automatically transferred to the unit when pairing.• This unit can display only non-accent letters. (Accent letters such as “Ú” is shown as “U”.)
DIAL NUMBER	<ol style="list-style-type: none">1 Turn the volume knob to select a number (0 to 9) or character (*, #, +).2 Press ◀◀ / ▶▶ to move the entry position. Repeat steps 1 and 2 until you finish entering the phone number.3 Press the volume knob to call.
VOICE	Speak the name of the contact you want to call or the voice command to control the phone functions. (⇒ Make a call using voice recognition)



Make a call using voice recognition

- 1 Press and hold  -  to activate the connected phone.
 - 2 Speak the name of the contact you want to call or the voice command to control the phone functions.
- Supported Voice Recognition features vary for each phone. Refer to the instruction manual of the connected phone for details.
 - This unit also supports the intelligent personal assistant function of iPhone.

Settings in memory



Store a contact in memory

You can store up to 6 contacts into the number buttons (1 to 6).

- 1 Press  -  to enter Bluetooth mode.
- 2 Turn the volume knob to select [RECENT CALL], [PHONEBOOK], or [DIAL NUMBER], then press the knob.
- 3 Turn the volume knob to select a contact or enter a phone number.
If a contact is selected, press the volume knob to show the phone number.
- 4 Press and hold one of the number buttons (1 to 6).
“MEMORY P(selected preset number)” appears when the contact is stored.





To erase a contact from the preset memory, select [DIAL NUMBER] in step 2 and store a blank number.


Make a call from memory

- 1 Press  -  to enter Bluetooth mode.
- 2 Press one of the number buttons (1 to 6).
- 3 Press the volume knob to call.
“NO PRESET” appears if there is no contacts stored.



BLUETOOTH®

Bluetooth mode settings

- 1 Press and hold  · .
- 2 Turn the volume knob to select [BLUETOOTH], then press the knob.
- 3 Turn the volume knob to select an item (see the following table), then press the knob.
- 4 Repeat step 3 until the desired item is selected/activated or follow the instructions stated on the selected item.
- 5 Press  ·  to exit.

To return to the previous setting item, press  / .

Default: **XX**

PHONE*1	Selects the phone or audio device to connect or disconnect.
AUDIO*1	"*" appears in front of the device name when connected.
APPLICATION*1	Shows the connected phone name using the JVC Smart Music Control*2 app. "*" appears in front of the device name when connected.
DELETE PAIR	<ol style="list-style-type: none">1 Turn the volume knob to select a device to delete, then press the knob.2 Turn the volume knob to select [YES] or [NO], then press the knob.
SET PINCODE (0000)	Changes the PIN code (up to 6 digits). <ol style="list-style-type: none">1 Turn the volume knob to select a number.2 Press  /  to move the entry position. Repeat steps 1 and 2 until you finish entering the PIN code.3 Press the volume knob to confirm.
AUTO CNNECT	ON : The unit automatically reconnect when the last connected Bluetooth device is within range. ; OFF : Cancels.
AUTO PAIR	ON : The unit automatically pair supported Bluetooth device (iPhone/ iPod touch/ Android device) when it is connected through USB input terminal. Depending on the operating system of the connected device, this function may not work. ; OFF : Cancels.
INITIALIZE	YES : Initializes all the Bluetooth settings (including stored pairing, phonebook, and etc.). ; NO : Cancels.
INFORMATION	MY BT NAME : Displays the unit name (JVC UNIT). ; MY ADDRESS : Shows address of this unit.



*1 You can only connect a maximum of two Bluetooth phones and one Bluetooth audio device at any time.

*2 JVC Smart Music Control is designed to view JVC car receiver status and perform simple control operations on Android smart phones.

Bluetooth compatibility check mode

You can check the connectivity of the supported profile between the Bluetooth device and the unit.

- Make sure there is no Bluetooth device paired.

- 1 Press and hold  - .
"BLUETOOTH" ↔ "CHECK MODE" appears. "SEARCH NOW USING PHONE" → "PIN IS 0000" scrolls on the display.
- 2 Search and select "JVC UNIT" on the Bluetooth device within 3 minutes.
- 3 Perform (A), (B) or (C) depending on what appears on the display.
(A) "PAIRING" → "XXXXXX" (6-digit passkey): Ensure that the same passkey appears on the unit and Bluetooth device, then operate the Bluetooth device to confirm the passkey.
(B) "PAIRING" → "PIN IS 0000": Enter "0000" on the Bluetooth device.
(C) "PAIRING": Operate the Bluetooth device to confirm pairing.

After pairing is successful, "PAIRING OK" → "[Device Name]" appears and Bluetooth compatibility check starts.

If "CONNECT NOW USING PHONE" appears, operate the Bluetooth device to allow phonebook access to continue. "TESTING" flashes on the display.

The connectivity result flashes on the display.

"PAIRING OK" and/or "H.FREE OK"*1 and/or "A.STREAM OK"*2 and/or "PBAP OK"*3 : Compatible

*1 Compatible with Hands-Free Profile (HFP)

*2 Compatible with Advanced Audio Distribution Profile (A2DP)

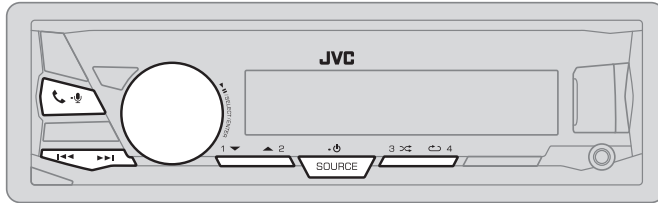
*3 Compatible with Phonebook Access profile (PBAP)

After 30 seconds, "PAIRING DELETED" appears to indicate that pairing has been deleted, and the unit exits check mode.

- To cancel, press and hold **SOURCE** -  to turn off the power, then turn on the power again.

BLUETOOTH®

BLUETOOTH — Audio



Audio player via Bluetooth

- 1 Press **SOURCE**- repeatedly to select BT AUDIO (or press **SOURCE** on RM-RK52).
- 2 Operate the Bluetooth audio player to start playback.

To	On the faceplate	On the remote control
Playback / pause	Press the volume knob.	Press .
Select group or folder	Press 2 ▲ / 1 ▼.	Press ▲ / ▼.
Reverse / Forward skip	Press / .	Press ◀ / ▶.
Reverse / Fast-forward	Press and hold / .	Press and hold ◀ / ▶.
Repeat play	Press 4 repeatedly. TRACK RPT, ALL RPT, RPT OFF	(Not available)
Random play	Press 3 repeatedly. GROUP RND, ALL RND, RND OFF	(Not available)
Select a file from a folder/ list	Refer to "Select a file from a folder/list" on page 8.	(Not available)

Operations and display indications may differ according to their availability on the connected device.

Internet radio via Bluetooth

Listen to Pandora

You can listen to Pandora on the Android device via Bluetooth on this unit.

Preparation:

Select [ON] for [PANDORA] in [SRC SELECT]. (➔ 4)

- 1 Open the Pandora application on your device.
- 2 Connect your Bluetooth audio player via Bluetooth connection. (➔ 14)
- 3 Press **SOURCE**- repeatedly to select PANDORA.
The source switches and broadcast starts automatically.

You can operate Pandora in the same way as Pandora for iPod/iPhone. (➔ 9)

Listen to iHeartRadio

You can listen to iHeartRadio on the Android device via Bluetooth on this unit.

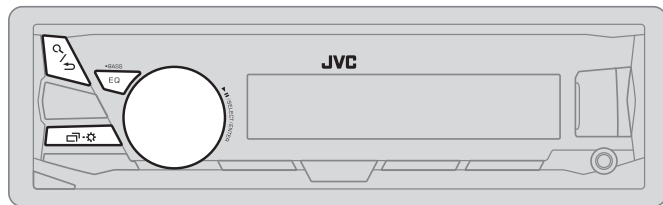
Preparation:

Select [ON] for [IHEART] in [SRC SELECT]. (➔ 4)

- 1 Open the iHeartAuto application on your smart phone.
- 2 Connect your smart phone via Bluetooth connection. (➔ 14)
- 3 Press **SOURCE**- repeatedly to select IHEARTRADIO.
The source switches and broadcast starts automatically.

You can operate iHeartRadio in the same way as iHeartRadio for iPod/iPhone. (➔ 10)

AUDIO SETTINGS



Select a preset equalizer

Press **EQ-BASS** repeatedly.

(or)

Press **EQ-BASS**, then turn the volume knob within 5 seconds.

Preset equalizer:

FLAT (default)/ **HARD ROCK** / **POP** / **HIP HOP** / **R&B** / **JAZZ** / **CLASSICAL** / **USER**

Store your own sound settings

- 1 Press and hold **EQ-BASS** to enter **EASY EQ** setting.
- 2 Turn the volume knob to select an item, then press the knob.
Refer to [EASY EQ] for setting and the result is stored to [USER].

- To return to the previous setting item, press **Q** / **↵**.
- To exit, press **EQ-BASS**.

Other settings

- 1 Press and hold **EQ** / **EQ**.
- 2 Turn the volume knob to select an item (see the following table), then press the knob.
- 3 Repeat step 2 until the desired item is selected/activated or follow the instructions stated on the selected item.
- 4 Press **EQ** / **EQ** to exit.

To return to the previous setting item, press **Q** / **↵**.

Default: **XX**

EQ SETTING

EQ PRESET Select a preset equalizer suitable to the music genre. (Select [USER] to use the settings made in [EASY EQ] or [PRO EQ].)
FLAT / **HARD ROCK** / **POP** / **HIP HOP** / **R&B** / **JAZZ** / **CLASSICAL** / **USER**

EASY EQ Adjust your own sound settings. The settings are stored to [USER].

- The settings made may affect the current settings of [PRO EQ].

SUB.W SP *1*2:	00 to +06	(Default: 03)
SUB.W *1*3:	-50 to +10	00
BASS LVL:	-09 to +09	00
MID LVL:	-09 to +09	00
TRE LVL:	-09 to +09	00

PRO EQ Adjust your own sound settings. The settings are stored to [USER].

- The settings made may affect the current settings of [EASY EQ].

62.5HZ

LVL -09 to +09 (00): Adjusts the level to memorize for each source.
(Before making an adjustment, select the source you want to adjust.)

BASS EXT ON: Turns on the extended bass. ; **BASS EXT OFF:** Cancels.

100HZ / 160HZ / 250HZ / 400HZ / 630HZ / 1KHZ / 1.6KHZ / 2.5KHZ / 4KHZ / 6.3KHZ / 10KHZ / 16kHZ

LVL -09 to +09 (00): (Refer above)

Q FACTOR

Q 1.35 / Q 1.50 / Q 2.00: Adjust the quality factor.

AUDIO

BASS BOOST **+01** — **+05:** Selects your preferred bass boost level. ; **OFF:** Cancels.

*1 Displayed only when [SUB.W] is set to [ON]. (→ 21)

*2 For 2-way crossover: Displayed only when [SPK/PRE OUT] is set to [SUB.W/SUB.W]. (→ 21)

*3 For 2-way crossover: Displayed only when [SPK/PRE OUT] is set to [REAR/SUB.W] or [SUB.W/SUB.W]. (→ 21)

AUDIO SETTINGS

LOUD	01 / 02: Boosts low or high frequencies to produce a well-balanced sound at low volume. ; OFF: Cancels.
SUB.W LEVEL *4	SPK-OUT *5 (Not applicable when 3-way crossover is selected.) 00 to +06 (+03): Adjusts the output level of the subwoofer connected via speaker lead. (➔ 33)
	PRE-OUT *6 −50 to +10 (00): Adjusts the output level of the subwoofer connected to the lineout terminals (SW or REAR/SW) through an external amplifier. (➔ 33)
SUB.W *6	ON / OFF: Turns on or off the subwoofer output.
FADER	(Not applicable when 3-way crossover is selected.) R15 — F15 (00): Adjusts the front and rear speaker output balance.
BALANCE *7	L15 — R15 (00): Adjusts the left and right speaker output balance.
VOL ADJUST	−15 — +06 (00): Preset the initial volume level of each source (compared to the FM volume level). Before adjustment, select the source you want to adjust.
AMP GAIN	LOW POWER: Limits the maximum volume level to 25. (Select if the maximum power of each speaker is less than 50 W to prevent damaging the speakers.) ; HIGH POWER: The maximum volume level is 35.
SPK/PRE OUT	(Not applicable when 3-way crossover is selected.) Depending on the speaker connection method, select the appropriate setting to get the desired output. (➔ Speaker output settings)
SPK SIZE	Depending on the crossover type you have selected (see [X ' OVER TYPE] below), 2-way crossover or 3-way crossover setting items will be shown. (➔ 22, Crossover settings)
X ' OVER	By default, 2-way crossover type is selected.

*4 Displayed only when [SUB.W] is set to [ON].

*5 For 2-way crossover: Displayed only when [SPK/PRE OUT] is set to [SUB.W/SUB.W].

*6 For 2-way crossover: Displayed only when [SPK/PRE OUT] is set to [REAR/SUB.W] or [SUB.W/SUB.W].

*7 This adjustment will not affect the subwoofer output.

X ' OVER TYPE	Caution: Adjust the volume before changing the X ' OVER TYPE to avoid the sudden increase or decrease of the output level.	
X ' OVER 2-WAY	(Displayed only when [X ' OVER 3-WAY] is selected) YES: Selects two way crossover type. ; NO: Cancels.	
X ' OVER 3-WAY	(Displayed only when [X ' OVER 2-WAY] is selected) YES: Selects three way crossover type. ; NO: Cancels.	
SND EFFECT		
ENHANCE	(Not applicable for TUNER source.) SML/ MED/ LRG: Virtually enhances the sound space. ; OFF: Cancels.	
RESPONSE	LV1/ LV2/ LV3: Virtually makes the sound more realistic. ; OFF: Cancels.	
SOUND LIFT	LV1/ LV2/ LV3: Virtually adjust the sound position heard from the speakers. ; OFF: Cancels.	
VOL LINK EQ	ON: Boosts the frequency to reduce the noise heard from outside the car or running noise of the tyres. ; OFF: Cancels.	
K2	(Not applicable for TUNER source, SIRIUS XM source, AUX source.) ON: Improve the sound quality of compressed music. ; OFF: Cancels.	

Speaker output settings

(Only for X ' OVER 2-WAY)

Select the output setting for the speakers [SPK/PRE OUT], base on the speaker connection method.

Connection via lineout terminals

For connections through an external amplifier. (➔ 33)

(For KD-X330BTS)

Setting on [SPK/PRE OUT]	Audio signal through lineout terminal	
	FRONT	REAR/SW
REAR/REAR	Front speakers output	Rear speakers output
REAR/SUB.W (default)	Front speakers output	Subwoofer output
SUB.W/SUB.W	Front speakers output	Subwoofer output

AUDIO SETTINGS

(For KD-X33MBS)

Setting on [SPK/PRE OUT]	Audio signal through lineout terminal		
	FRONT	REAR	SW
REAR/REAR (default)	Front speakers output	Rear speakers output	Subwoofer output
REAR/SUB.W	(Not available)	(Not available)	(Not available)
SUB.W/SUB.W	Front speakers output	L (left): Subwoofer output R (right): (Mute)	Subwoofer output

■ Connection via speaker leads

For connections without using an external amplifier. However, with this settings you can also enjoy the subwoofer output. (→ 33)

Setting on [SPK/PRE OUT]	Audio signal through rear speaker lead	
	L (left)	R (right)
REAR/REAR	Rear speakers output	Rear speakers output
REAR/SUB.W	Rear speakers output	Rear speakers output
SUB.W/SUB.W	Subwoofer output	(Mute)

If [SUB.W/SUB.W] is selected:

- [FRQ 120HZ] is selected in [SUB.W LPF] and [THROUGH] is not available.
- [R02] is selected in [FADER] and selectable range is [R15] to [00].

Crossover settings

Below are the available setting items for 2-way crossover and 3-way crossover.

▲ Caution

Select a crossover type according to how the speakers are connected.

(→ 33)

If you select a wrong type:

- The speakers may damage.
- The output sound level may be extremely high or low.

SPK SIZE (speaker size)

Selects according to the connected speaker size for optimum performance.

- The frequency and slope settings are automatically set for the crossover of the selected speaker.
- If [NONE] is selected for [TWEETER] of [FRONT], [REAR] and [SUBWOOFER] for [SPK SIZE], the [X' OVER] setting of the selected speaker is not available.

X' OVER (crossover)

[FRQ]/ [HPF FRQ]/ [LPF FRQ]:

Adjusts the crossover frequency for the selected speakers (high pass filter or low pass filter).

- If [THROUGH] is selected, all signals are sent to the selected speakers.

[SLOPE]/ [HPF SLOPE]/ [LPF SLOPE]:

Adjusts the crossover slope.

- Selectable only if a setting other than [THROUGH] is selected for the crossover frequency.

[PHASE]:

Selects the phase of the speaker output to be in line with the other speaker output.

[GAIN LEFT]/ [GAIN RIGHT]/ [GAIN]:

Adjusts the output volume of the selected speaker.

AUDIO SETTINGS

2-way crossover setting items

SPK SIZE		
FRONT	SIZE	3.5"/4"/4.75"/5"/ <u>6.5</u> "/6.75"/7"/4×6"/5×7"/6×8"/6×9"/7×10"
	TWEETER	SML/ <u>MID</u> / LRG/ NONE (not connected)
REAR*1		3.5"/4"/4.75"/5"/ <u>6.5</u> "/6.75"/7"/4×6"/5×7"/6×8"/6×9"/7×10"/ NONE (not connected)
SUBWOOFER*2*3		6.5"/8"/ <u>10</u> "/12"/15" OVER/ NONE (not connected)
X' OVER		
TWEETER	FRQ	1KHZ/ 1.6KHZ/ 2.5KHZ/ <u>4KHZ</u> / 5KHZ/ 6.3KHZ/ 8KHZ/ 10KHZ/12.5KHZ
	GAIN LEFT	-08DB to <u>00DB</u>
	GAIN RIGHT	-08DB to <u>00DB</u>
FRONT HPF	FRQ	30HZ/ 40HZ/ 50HZ/ 60HZ/ 70HZ/ 80HZ/ 90HZ/ 100HZ/ 120HZ/ 150HZ/ 180HZ/ 220HZ/ 250HZ/ <u>THROUGH</u>
	SLOPE	-06DB/ <u>-12DB</u> / -18DB/ -24DB
	GAIN	-08DB to <u>00DB</u>
REAR HPF*1	FRQ	30HZ/ 40HZ/ 50HZ/ 60HZ/ 70HZ/ 80HZ/ 90HZ/ 100HZ/ 120HZ/ 150HZ/ 180HZ/ 220HZ/ 250HZ/ <u>THROUGH</u>
	SLOPE	-06DB/ <u>-12DB</u> / -18DB/ -24DB
	GAIN	-08DB to <u>00DB</u>
SUB.W LPF*2*3	FRQ	30HZ/ 40HZ/ 50HZ/ 60HZ/ 70HZ/ 80HZ/ 90HZ/ 100HZ/ 120HZ/ 150HZ/ 180HZ/ 220HZ/ 250HZ/ <u>THROUGH</u>
	SLOPE	-06DB/ <u>-12DB</u> / -18DB/ -24DB
	PHASE	REVERSE (180°)/ <u>NORMAL</u> (0°)
	GAIN	-08DB to <u>00DB</u>

3-way crossover setting items

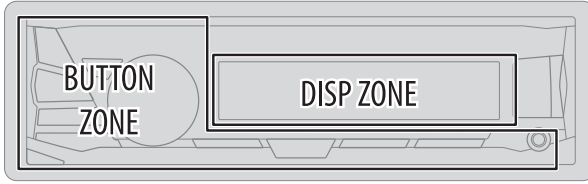
SPK SIZE		
TWEETER	SML/ <u>MID</u> / LRG	
MID RANGE		3.5"/4"/4.75"/5"/ <u>6.5</u> "/6.75"/7"/4×6"/5×7"/6×8"/6×9"
WOOFER*3		6.5"/8"/ <u>10</u> "/12"/15" OVER/ NONE (not connected)
X' OVER		
TWEETER	HPF FRQ	1KHZ/ 1.6KHZ/ 2.5KHZ/ <u>4KHZ</u> / 5KHZ/ 6.3KHZ/ 8KHZ/ 10KHZ/ 12.5KHZ
	SLOPE	-06DB/ <u>-12DB</u>
	PHASE	REVERSE (180°)/ <u>NORMAL</u> (0°)
	GAIN	-08DB to <u>00DB</u>
MID RANGE	HPF FRQ	30HZ/ 40HZ/ 50HZ/ 60HZ/ 70HZ/ 80HZ/ 90HZ/ 100HZ/ 120HZ/ 150HZ/ 180HZ/ 220HZ/ 250HZ/ <u>THROUGH</u>
	HPF SLOPE	-06DB/ <u>-12DB</u>
	LPF FRQ	1KHZ/ 1.6KHZ/ 2.5KHZ/ <u>4KHZ</u> / 5KHZ/ 6.3KHZ/ 8KHZ/ 10KHZ/ 12.5KHZ/ <u>THROUGH</u>
	LPF SLOPE	-06DB/ <u>-12DB</u>
	PHASE	REVERSE (180°)/ <u>NORMAL</u> (0°)
	GAIN	-08DB to <u>00DB</u>
WOOFER*3	LPF FRQ	30HZ/ 40HZ/ 50HZ/ 60HZ/ <u>70HZ</u> / 80HZ/ 90HZ/ 100HZ/ 120HZ/ 150HZ/ 180HZ/ 220HZ/ 250HZ/ <u>THROUGH</u>
	SLOPE	-06DB/ <u>-12DB</u>
	PHASE	REVERSE (180°)/ <u>NORMAL</u> (0°)
	GAIN	-08DB to <u>00DB</u>

*1 Displayed only when [SPK/PRE OUT] is set to [REAR/REAR] or [REAR/SUB.W]. (⇒ 21, 22)

*2 For KD-X330BTS: Displayed only when [SPK/PRE OUT] is set to [REAR/SUB.W] or [SUB.W/SUB.W]. (⇒ 21, 22)

*3 Displayed only when [SUB.W] is set to [ON]. (⇒ 21)

DISPLAY SETTINGS



- 1 Press and hold .
- 2 Turn the volume knob to select an item (see the following table), then press the knob.
- 3 Repeat step 2 until the desired item is selected/activated or follow the instructions stated on the selected item.
- 4 Press to exit.

To return to the previous setting item, press .

Default: **XX**

DISPLAY

DIMMER Dim the display and buttons illumination.
OFF: Dimmer is turned off.
ON: Dimmer is turned on. Brightness changes to [NIGHT] setting.
 (→ [BRIGHTNESS])
DIMMER TIME: Set the dimmer on and off time.
 1 Turn the volume knob to adjust the [ON] time, then press the knob.
 2 Turn the volume knob to adjust the [OFF] time, then press the knob.
 (Default: [ON]: 18:00 or 6:00 PM
 [OFF]: 6:00 or 6:00 AM)
AUTO: Dimmer turns on and off automatically when you turn off or on the car headlights.*1

BRIGHTNESS Set the button and display brightness for day and night separately.
 1 **DAY / NIGHT:** Select day or night.
 2 Select a zone. (See illustration on the left column)
 3 Set the brightness level (00 to 31). (Default: **DAY: 31** ; **NIGHT: 15**)

SCROLL*2 **ONCE:** Scrolls the display information once. ; **AUTO:** Repeats scrolling at 5-second intervals. ; **OFF:** Cancels.

*1 The illumination control wire connection is required. (→ 33)

*2 Some characters or symbols will not be shown correctly (or will be blanked).

REFERENCES

■ Maintenance

Cleaning the unit

Wipe off dirt on the faceplate with a dry silicone or soft cloth.

Cleaning the connector

Detach the faceplate and clean the connector gently with a cotton swab, being careful not to damage the connector.



Connector (on the reverse side of the faceplate)

■ More information

- Latest firmware updates and latest compatible item list
- Android™ application JVC MUSIC PLAY
- Any other latest information

General

- Detailed information and notes about the playable audio files.

Playable files

- Playable audio file: MP3 (.mp3), WMA (.wma), AAC (.aac), WAV (.wav), FLAC (.flac)
- Playable USB device file system: FAT12, FAT16, FAT32

Even when audio files comply with the standards listed above, playback may be impossible depending on the types or conditions of media or device.

The AAC (.m4a) file in a USB device encoded by iTunes cannot be played on this unit.

About USB devices

- This unit can play MP3/WMA/AAC/WAV/FLAC files stored on a USB mass storage class device.
- You cannot connect a USB device via a USB hub.
- Connecting a cable whose total length is longer than 5 m may result in abnormal playback.
- This unit cannot recognize a USB device whose rating is other than 5 V and exceeds 1.5 A.

About iPod/iPhone

Made for

- iPod touch (2nd, 3rd, 4th, and 5th generation)
- iPod classic
- iPod nano (3rd, 4th, 5th, 6th, and 7th generation)
- iPhone 3G, 3GS, 4, 4S, 5, 5S, 5C, 6, 6 Plus
- It is not possible to browse video files on the “Videos” menu in [HEAD MODE].
- The song order displayed on the selection menu of this unit may differ from that of the iPod/iPhone.
- Depending on the version of the operating system of the iPod/iPhone, some functions may not operate on this unit.

About Android device

- This unit supports Android OS 4.1 and above.
- Some Android devices (with OS 4.1 and above) may not fully support Android Open Accessory (AOA) 2.0.
- If the Android device supports both mass storage class device and AOA 2.0, this unit always playback via AOA 2.0 as priority.

REFERENCES

About Pandora

- Pandora is only available in certain countries.
- Because Pandora is a third-party service, the specifications are subject to change without prior notice. Accordingly, compatibility may be impaired, or some or all of the services may become unavailable.
- Some functions of Pandora cannot be operated from this unit.


About iHeartRadio

- iHeartRadio® is a third-party service, therefore the specifications are subject to change without prior notice. Accordingly, compatibility may be impaired or some or all of the services may become unavailable.
- Some iHeartRadio® functionality cannot be operated from this unit.

About Bluetooth

- Depending on the Bluetooth version of the device, some Bluetooth devices may not be able to connect to this unit.
- This unit may not work with some Bluetooth devices.
- Signal conditions vary, depending on the surroundings.

Change the display information

Each time you press  , the display information changes.

- If the information is unavailable or not recorded, "NO TEXT", "NO NAME", or other information (eg. station name) appears.

FM or AM	Frequency ↔ Day/Clock
	(For FM Radio Broadcast Data System stations only) Station name (PS) → Frequency → Program type (PTY) → Radio text+ → Day/Clock → (back to the beginning)
USB	(For MP3/WMA/AAC/WAV/FLAC files) Playing time → Day/Clock → Album title/Artist → Track title → Folder/file name → (back to the beginning)
USB-IPOD or ANDROID	Playing time → Day/Clock → Album title/Artist → Track title → (back to the beginning)
PANDORA	Station name → Shared/Radio → Album title → Artist → Track title → Playing time → Day/Clock → (back to the beginning)
IHEARTRADIO	Station name → Track title → Track Artist → Day/Clock → (back to the beginning)
SIRIUS XM	Channel no./Channel name → Artist → Song title → Content information → Category name → Day/Clock → (back to the beginning)
AUX	AUX ↔ Day/Clock
BT AUDIO	Playing time → Day/Clock → Album title/Artist → Track title → (back to the beginning)

TROUBLESHOOTING

	Symptom	Remedy
General	Sound cannot be heard.	<ul style="list-style-type: none"> Adjust the volume to the optimum level. Check the cords and connections.
	"MISWIRING CHECK WIRING THEN PWR ON" appears.	Turn the power off, then check to be sure the terminals of the speaker wires are insulated properly. Turn the power on again.
	"PROTECTING SEND SERVICE" appears.	Send the unit to the nearest service center.
	Source cannot be selected.	Check the [SRC SELECT] setting. (➔ 4)
Radio	<ul style="list-style-type: none"> Radio reception is poor. Static noise while listening to the radio. 	Connect the antenna firmly.
USB / iPod	Playback order is not as intended.	The playback order is determined by the file name.
	Elapsed playing time is not correct.	This depends on the recording process earlier.
	"NOT SUPPORT" appears and file skips.	Check whether the file is a playable format. (➔ 25)
	"READING" keeps flashing.	<ul style="list-style-type: none"> Do not use too many hierarchical levels and folders. Reattach the USB device.
	"CANNOT PLAY" flashes and/or connected device cannot be detected.	<ul style="list-style-type: none"> Check whether the connected device is compatible with this unit and ensure the files are in supported formats. (➔ 25) Reattach the device.
	The iPod/iPhone does not turn on or does not work.	<ul style="list-style-type: none"> Check the connection between this unit and iPod/iPhone. Detach and reset the iPod/iPhone using hard reset.
	Correct characters are not displayed.	<ul style="list-style-type: none"> This unit can only display uppercase letters, numbers, and a limited number of symbols. Depending on the display language you have selected (➔ 4), some characters may not be displayed correctly.

	Symptom	Remedy
ANDROID	<ul style="list-style-type: none"> Sound cannot be heard during playback. Sound output only from the Android device. 	<ul style="list-style-type: none"> Reconnect the Android device. If in [AUDIO MODE], launch any media player application on the Android device and start playback. If in [AUDIO MODE], relaunch the current media player application or use another media player application. Restart the Android device. If this does not solve the problem, the connected Android device is unable to route the audio signal to unit. (➔ 25)
	Cannot playback at [AUTO MODE].	<ul style="list-style-type: none"> Make sure JVC MUSIC PLAY APP is installed on the Android device. (➔ 7) Reconnect the Android device and select the appropriate control mode. (➔ 8) If this does not solve the problem, the connected Android device does not support [AUTO MODE]. (➔ 25)
	"NO DEVICE" or "READING" keeps flashing.	<ul style="list-style-type: none"> Switch off the developer options on the Android device. Reconnect the Android device. If this does not solve the problem, the connected Android device does not support [AUTO MODE]. (➔ 25)
	Playback is intermittent or sound skips.	Turn off the power saving mode on the Android device.
	"CANNOT PLAY"	<ul style="list-style-type: none"> Make sure Android device contains playable audio files. Reconnect the Android device. Restart the Android device.

TROUBLESHOOTING

	Symptom	Remedy
Pandora	"ADD ERROR"	New station creation is unsuccessful.
	"CHK DEVICE"	Check the Pandora application on your device.
	"NO SKIPS"	The skip limit has been reached.
	"NO STATIONS"	No stations are found.
	"STATION LMT"	The number of registered stations has reached its limit. Retry after deleting unnecessary stations from your device.
	"UPGRADE APP"	Make sure you have installed the latest version of the Pandora application on your device.
	"CONNECT ERR"	Communication is unstable.
	"RATING ERR"	Registration of thumbs up/thumbs down has failed due to insufficient network connectivity.
	"THUMBS N/A"	Registration of thumbs up/thumbs down is not allowed.
iHeartRadio	"LICENSE ERR"	You try to access from a country which Pandora is not deliverable.
	Station cannot be selected.	If "Explicit Content" in [Account Settings] is checked in the web version of iHeartRADIO, custom stations become unavailable.
	"NOT CONNCTD"	Link to the application is impossible.

	Symptom	Remedy
SiriusXM® Radio	"CH LOCKED LOCK CODE?"	The selected channel is locked. Enter the correct pass code to unlock. (➔ 13)
	"CH UNAVAIL"	The selected channel is unavailable.
	"CHK ANTENNA"	Check that the antenna and its connection are in good condition.
	"CHECK TUNER"	Make sure the SiriusXM Vehicle Tuner is connected to the unit.
	"NO SIGNAL"	Make sure the antenna is mounted outside the vehicle.
	"SUBSCRIPTION UPDATED – PRESS ENTER TO CONTINUE."	Your subscription is updated. Press the volume knob to continue.
	"CODE ERROR"	Make sure you have entered the correct pass code. (➔ 13)
	"NO CONTENT"	There is insufficient content to start TuneScan.
	"SCAN CANCEL"	TuneScan has been aborted.

TROUBLESHOOTING

	Symptom	Remedy
Bluetooth®	No Bluetooth device is detected.	<ul style="list-style-type: none"> Search from the Bluetooth device again. Reset the unit. (➔ 3)
	Pairing cannot be made.	<ul style="list-style-type: none"> Make sure you have entered the same PIN code to both the unit and Bluetooth device. Delete pairing information from both the unit and the Bluetooth device, then perform pairing again. (➔ 14)
	Echo or noise occurs.	<ul style="list-style-type: none"> Adjust the microphone unit's position. (➔ 14) Check the [ECHO CANCEL] setting. (➔ 16)
	Phone sound quality is poor.	<ul style="list-style-type: none"> Reduce the distance between the unit and the Bluetooth device. Move the car to a place where you can get a better signal reception.
	Sound is being interrupted or skipped during playback of a Bluetooth audio player.	<ul style="list-style-type: none"> Reduce the distance between the unit and the Bluetooth audio player. Turn off, then turn on the unit and try to connect again. Other Bluetooth devices might be trying to connect to the unit.
	The connected Bluetooth audio player cannot be controlled.	<ul style="list-style-type: none"> Check whether the connected Bluetooth audio player supports Audio/Video Remote Control Profile (AVRCP). (Refer to the instructions of your audio player.) Disconnect and connect the Bluetooth player again.

	Symptom	Remedy
Bluetooth®	"PAIRING FULL"	The number of registered devices has reached its limit. Retry after deleting an unnecessary device. (➔ 18, DELETE PAIR)
	"PLEASE WAIT"	The unit is preparing to use the Bluetooth function. If the message does not disappear, turn off and turn on the unit, then connect the device again.
	"BT DEVICE NOT FOUND"	The unit failed to search for the registered Bluetooth devices during [AUTO CNNECT] . Turn on Bluetooth from your device and connect manually. (➔ 18)
	"NOT SUPPORT"	The connected phone does not support Voice Recognition feature.
	"ERROR"	Try the operation again. If "ERROR" appears again, check if the device supports the function you have tried.
	"H/W ERROR"	Reset the unit and try the operation again. If "H/W ERROR" appears again, consult your nearest service center.

SPECIFICATIONS

Tuner	FM	Frequency Range	87.9 MHz — 107.9 MHz (200 kHz step) 87.5 MHz — 108.0 MHz (50 kHz step)
		Channel Space Selection	50 kHz/200 kHz
		Usable Sensitivity (S/N = 26 dB)	8.2 dBf (0.71 μ V/75 Ω)
		Quieting Sensitivity (DIN S/N = 46 dB)	17.2 dBf (2.0 μ V/75 Ω)
		Frequency Response (\pm 3 dB)	30 Hz — 15 kHz
		Signal-to-Noise Ratio (MONO)	64 dB
		Stereo Separation (1 kHz)	40 dB
	AM	Frequency Range	530 kHz — 1 700 kHz (10 kHz step) 531 kHz — 1 611 kHz (9 kHz step)
		Channel Space Selection	9 kHz/10 kHz
		Usable Sensitivity (S/N = 20 dB)	29 dB μ (28.2 μ V)

USB	USB Standard	USB 1.1, USB 2.0 (Full speed)
	Compatible Devices	Mass storage class
	File System	FAT12/ 16/ 32
	Maximum Supply Current	DC 5 V \leq 1.5 A
	Digital Filter (D/A) Converter	24 Bit
	Frequency Response (\pm 1 dB)	20 Hz — 20 kHz
	Signal-to-Noise Ratio (1 kHz)	105 dB
	Dynamic Range	90 dB
	Channel Separation	85 dB
	MP3 Decode	Compliant with MPEG-1/2 Audio Layer-3
	WMA Decode	Compliant with Windows Media Audio
	AAC Decode	AAC-LC “.aac” files
WAV Decode	RIFF waveform Audio Format (Linear PCM only)	
FLAC Decode	FLAC files	
Auxiliary	Frequency Response (\pm 3 dB)	20 Hz — 20 kHz
	Input Maximum Voltage	1 000 mV
	Input Impedance	30 k Ω

SPECIFICATIONS

Bluetooth	Version	Bluetooth Ver.2.1+EDR/ Bluetooth 3.0
	Frequency Range	2.402 GHz — 2.480 GHz
	Output Power	+4 dBm (MAX), 0 dBm (AVE) Power Class 2
	Maximum Communication Range	Line of sight approx. 10 m (32.8 ft)
	Pairing	SSP (Secure Simple Pairing)
	Profile	HFP1.6 (Hands-Free Profile) A2DP (Advanced Audio Distribution Profile) AVRCP1.5 (Audio/Video Remote Control Profile) PBAP (Phonebook Access Profile) SPP (Serial Port Profile)
Audio	Maximum Output Power	50 W × 4 or 50 W × 2 + 50 W × 1 (Subwoofer = 4 Ω)
	Full Bandwidth Power (at less than 1 % THD)	22 W × 4
	Speaker Impedance	4 Ω — 8 Ω
	Preout Level/Load (USB)	4 000 mV/10 kΩ load
	Preout Impedance	≤ 600 Ω
General	Operating Voltage (10.5 V — 16 V allowable)	14.4 V
	Maximum Current Consumption	10 A
	Operating Temperature Range	-10°C — +60°C
	Installation Size (W × H × D)	182 mm × 53 mm × 107 mm (7-3/16" × 2-1/8" × 4-1/4")
	Weight	0.6 kg (1.4 lbs)

Subject to change without notice.

INSTALLATION / CONNECTION

⚠ Warning

- The unit can only be used with a 12 V DC power supply, negative ground.
- Disconnect the battery's negative terminal before wiring and mounting.
- Do not connect Battery wire (yellow) and Ignition wire (red) to the car chassis or Ground wire (black) to prevent a short circuit.
- Insulate unconnected wires with vinyl tape to prevent a short circuit.
- Be sure to ground this unit to the car's chassis again after installation.

⚠ Caution

- For safety's sake, leave wiring and mounting to professionals. Consult the car audio dealer.
- Install this unit in the console of your vehicle. Do not touch the metal parts of this unit during and shortly after use of the unit. Metal parts such as the heat sink and enclosure become hot.
- Do not connect the ⊖ wires of speakers to the car chassis or Ground wire (black), or connect them in parallel.
- Connect speakers with a maximum power of more than 50 W. If the maximum power of the speakers is lower than 50 W, change the [AMP GAIN] setting to avoid damaging the speakers. (➔ 21)
- Mount the unit at an angle of less than 30°.
- If your vehicle wiring harness does not have the ignition terminal, connect Ignition wire (red) to the terminal on the vehicle's fuse box which provides 12 V DC power supply and is turned on and off by the ignition key.
- Keep all cables away from heat dissipate metal parts.
- After the unit is installed, check whether the brake lamps, blinkers, wipers, etc. on the car are working properly.
- If the fuse blows, first make sure the wires are not touching car's chassis, then replace the old fuse with one that has the same rating.

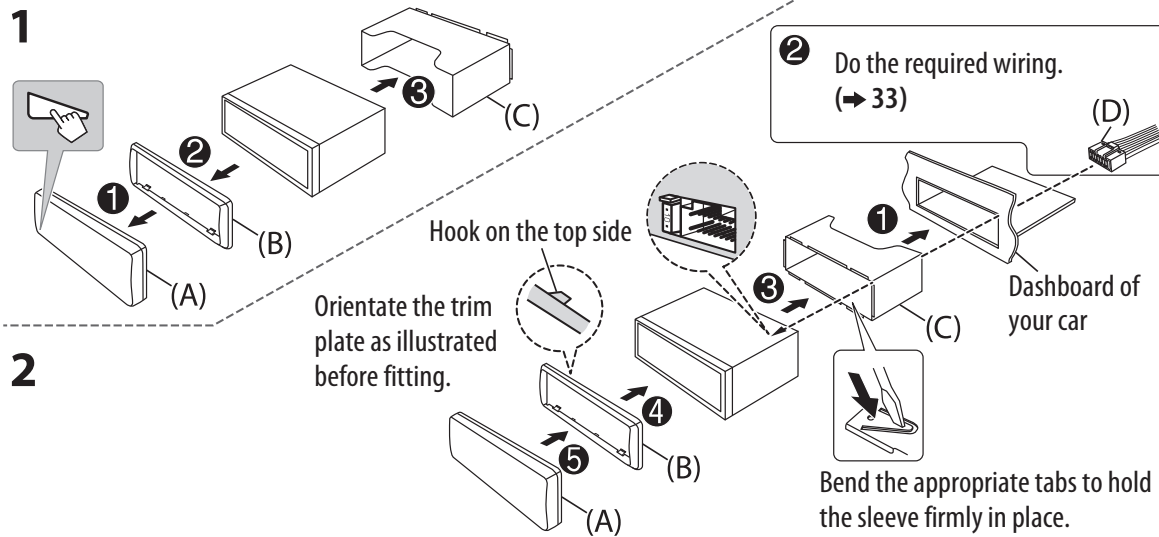
Basic procedure

- 1 Remove the key from the ignition switch, then disconnect the ⊖ terminal of the car battery.**
- 2 Connect the wires properly.**
See Wiring connection. (➔ 33)
- 3 Install the unit to your car.**
See Installing the unit (in-dash mounting).
- 4 Connect the ⊖ terminal of the car battery.**
- 5 Press SOURCE-⏻ to turn on the power.**
- 6 Detach the faceplate and reset the unit within 5 seconds. (➔ 3)**

ENGLISH

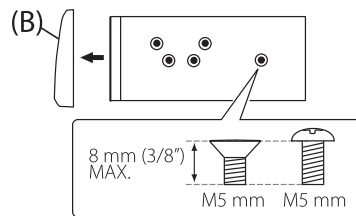
INSTALLATION / CONNECTION

Installing the unit (in-dash mounting)

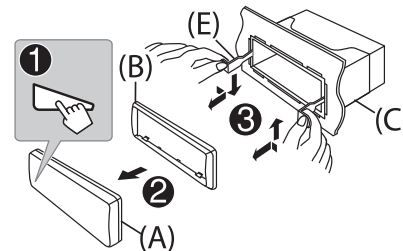


When installing without the mounting sleeve

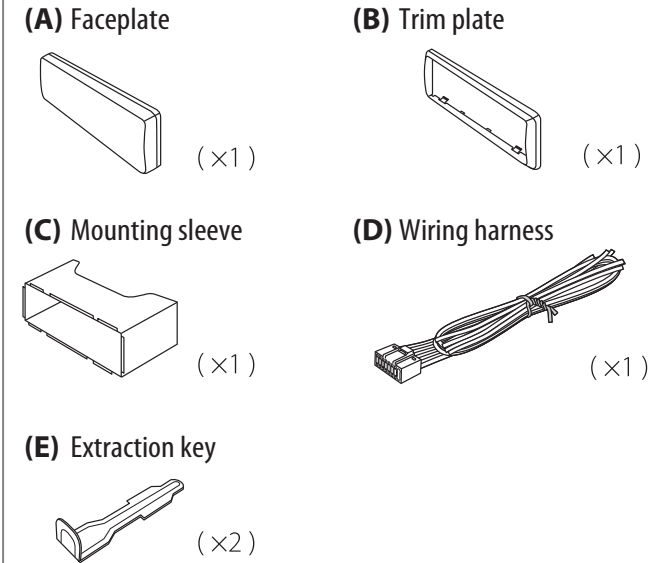
- 1 Remove the mounting sleeve and trim plate from the unit.
 - 2 Align the holes in the unit (on both sides) with the vehicle mounting bracket and secure the unit with screws (commercially available).
- ▲ Use only the specified screws. Using wrong screws might damage the unit.



How to remove the unit



Part list for installation



Output terminals

For 2-way crossover setting

KD-X33MBS	REAR	: Rear output
	FRONT	: Front output
	SW	: Subwoofer output

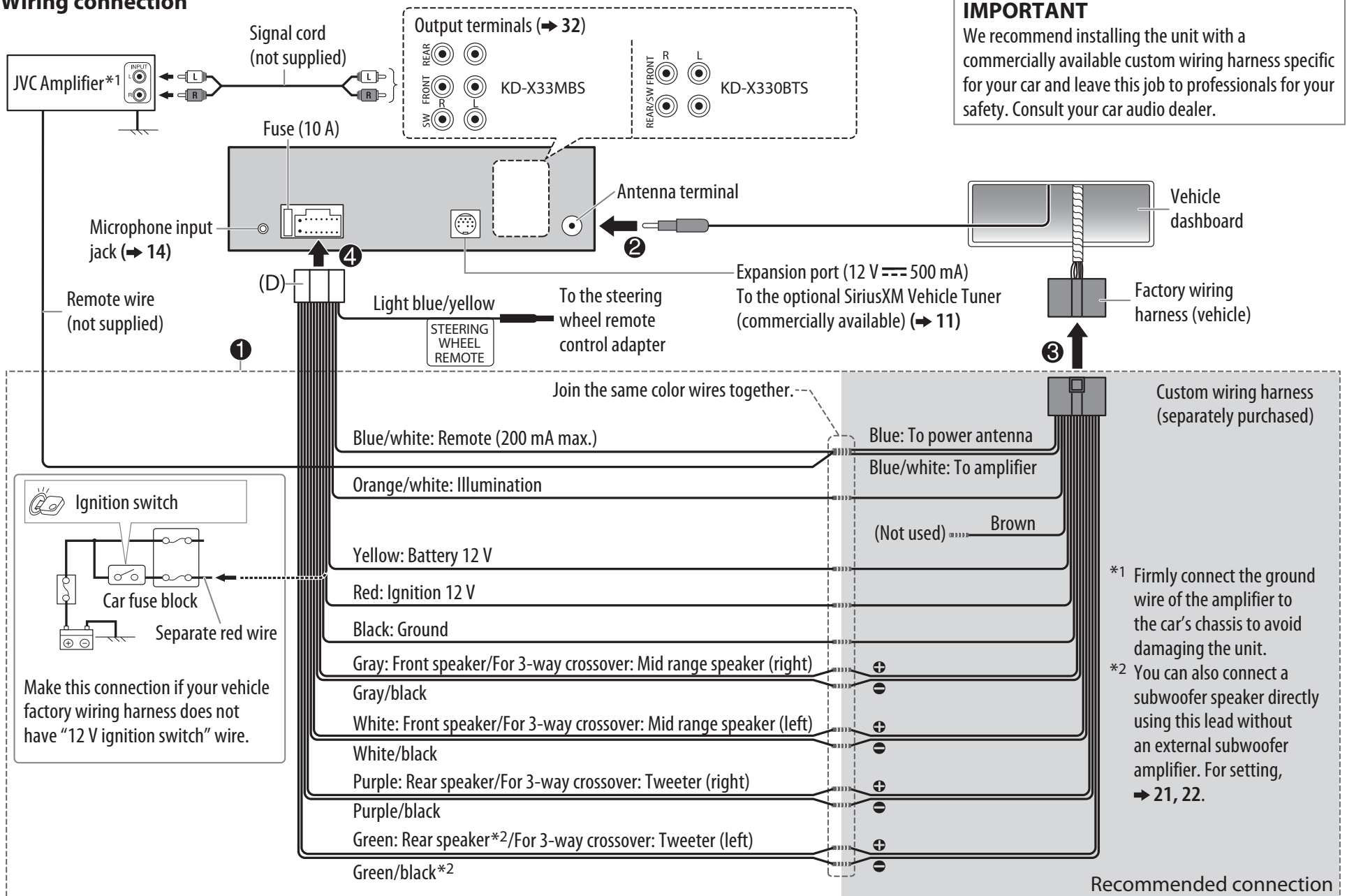
KD-X330BTS	FRONT	: Front output
	REAR/SW	: Rear/subwoofer output

For 3-way crossover setting

KD-X33MBS	REAR	: Tweeter output
	FRONT	: Mid Range output
	SW	: Woofer output

KD-X330BTS	FRONT	: Mid Range output
	REAR/SW	: Woofer output

Wiring connection



libFLAC

Copyright (C) 2000,2001,2002,2003,2004,2005,2006,2007,2008,2009 Josh Coalson

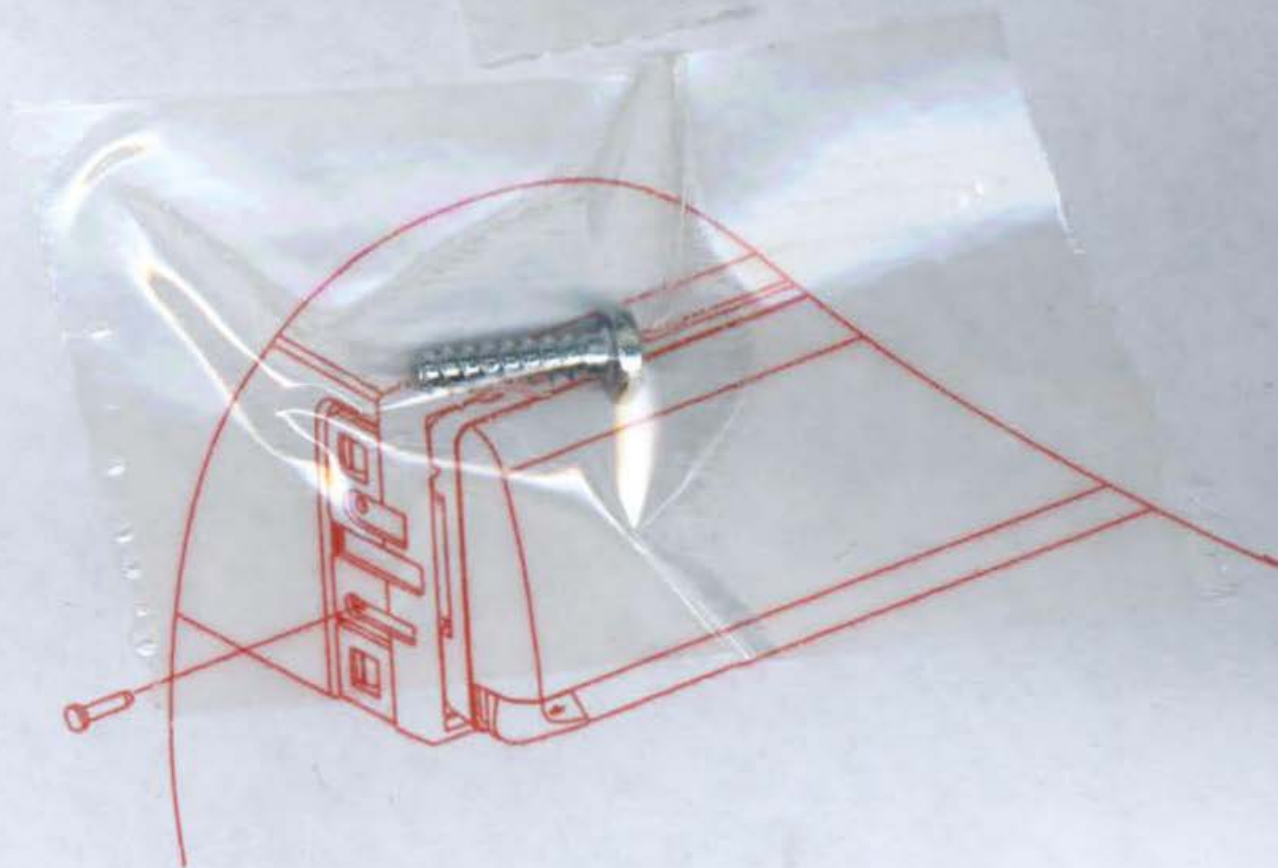
Redistribution and use in source and binary forms, with or without modification, are permitted provided that the following conditions are met:

- Redistributions of source code must retain the above copyright notice, this list of conditions and the following disclaimer.
- Redistributions in binary form must reproduce the above copyright notice, this list of conditions and the following disclaimer in the documentation and/or other materials provided with the distribution.
- Neither the name of the Xiph.org Foundation nor the names of its contributors may be used to endorse or promote products derived from this software without specific prior written permission.

THIS SOFTWARE IS PROVIDED BY THE COPYRIGHT HOLDERS AND CONTRIBUTORS "AS IS" AND ANY EXPRESS OR IMPLIED WARRANTIES, INCLUDING, BUT NOT LIMITED TO, THE IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE ARE DISCLAIMED. IN NO EVENT SHALL THE FOUNDATION OR CONTRIBUTORS BE LIABLE FOR ANY DIRECT, INDIRECT, INCIDENTAL, SPECIAL, EXEMPLARY, OR CONSEQUENTIAL DAMAGES (INCLUDING, BUT NOT LIMITED TO, PROCUREMENT OF SUBSTITUTE GOODS OR SERVICES; LOSS OF USE, DATA, OR PROFITS; OR BUSINESS INTERRUPTION) HOWEVER CAUSED AND ON ANY THEORY OF LIABILITY, WHETHER IN CONTRACT, STRICT LIABILITY, OR TORT (INCLUDING NEGLIGENCE OR OTHERWISE) ARISING IN ANY WAY OUT OF THE USE OF THIS SOFTWARE, EVEN IF ADVISED OF THE POSSIBILITY OF SUCH DAMAGE.

- Microsoft and Windows Media are either registered trademarks or trademarks of Microsoft Corporation in the United States and/or other countries.
- "Made for iPod," and "Made for iPhone" mean that an electronic accessory has been designed to connect specifically to iPod, or iPhone, respectively, and has been certified by the developer to meet Apple performance standards. Apple is not responsible for the operation of this device or its compliance with safety and regulatory standards. Please note that the use of this accessory with iPod or iPhone may affect wireless performance.
- iPhone, iPod, iPod classic, iPod nano, iPod touch and iTunes are trademarks of Apple Inc., registered in the U.S. and other countries.
- Lightning is a trademark of Apple Inc.
- Pandora, the Pandora logo, and the Pandora trade dress are trademarks or registered trademarks of Pandora Media, Inc., used with permission.
- iHeartRadio® and iHeartAuto™ are trademarks owned by iHeartMedia, Inc. All uses are authorized under license.
- Sirius, XM and all related marks and logos are trademarks of Sirius XM Radio Inc. All rights reserved.
- Android is trademark of Google Inc.
- The Bluetooth® word mark and logos are registered trademarks owned by Bluetooth SIG, Inc. and any use of such marks by JVC KENWOOD Corporation is under license. Other trademarks and trade names are those of their respective owners.

WHEN IT IS NOT REQUIRED
TO DETACH THE FRONT CONTROL
PANEL FROM THE MAIN UNIT,
USE THE PROVIDED SCREW TO
ATTACH THE CONTROL PANEL TO
THE MAIN UNIT.



GE40401-001A

REMOVE THIS LABEL FROM CABLE BEFORE USE.



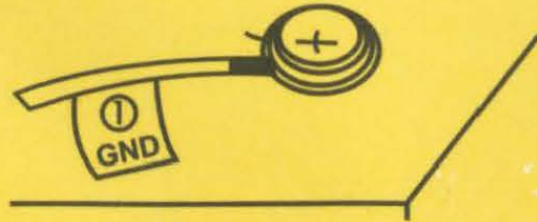
CAUTION

CONNECT BLACK WIRE (① GND) TO GROUND FIRST. OTHERWISE, DAMAGE TO YOUR UNIT MAY OCCUR.

INCORRECT CONNECTION CAUSES SERIOUS DAMAGE TO THIS UNIT
PLEASE READ INSTALLATION/CONNECTION MANUAL CAREFULLY.

①

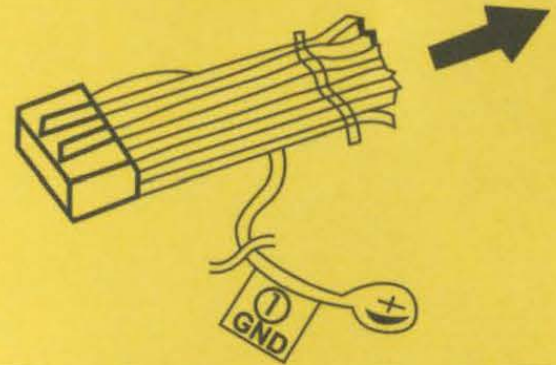
CONNECT GROUND FIRST



METALLIC BODY OR CHASSIS
OF THE CAR

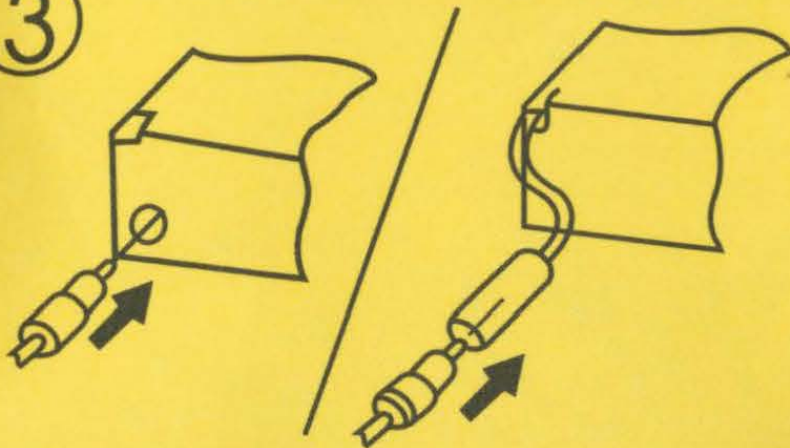
②

CONNECT OTHER WIRES



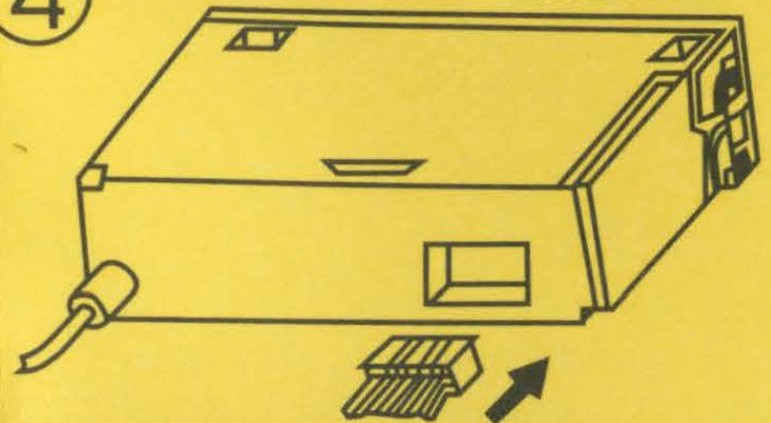
③

CONNECT ANTENNA TERMINAL



④

CONNECT POWER CORD TO
THE UNIT





LIMITED WARRANTY

ONLY FOR PRODUCT PURCHASED IN U.S.A.

JVCKENWOOD USA Corporation warrants this product and all parts thereof, except as set forth below ONLY TO THE ORIGINAL RETAIL PURCHASER to be FREE FROM DEFECTIVE MATERIALS AND WORKMANSHIP from the date of original purchase for the period shown below. ("The Warranty Period")

PARTS 2 YRS / LABOR 2 YRS : Car audio ARSENAL series

PARTS 1 YR / LABOR 1 YR : All other car audio products

THIS LIMITED WARRANTY IS VALID ONLY IN THE FIFTY (50) UNITED STATES, THE DISTRICT OF COLUMBIA AND IN THE COMMONWEALTH OF PUERTO RICO.

WHAT WE WILL DO:

If this product is found to be defective within the warranty period, JVC will repair or replace defective parts with new or rebuilt equivalents at no charge to the original owner. Such repair and replacement services shall be rendered by JVC during normal business hours at JVC authorized service centers. Parts used for replacement are warranted only for the remainder of the Warranty Period. All products may be brought to a JVC authorized service center on a carry-in basis. Color televisions with a screen size of 37" class or greater qualify for in-home service. In such cases, a technician will come to your home and either repair the TV there or remove and return it if it cannot be repaired in your home.

WHAT YOU MUST DO FOR WARRANTY SERVICE:

Please do not return your product to the retailer. Instead, return your product to the JVC authorized service center nearest you. If shipping the product to the service center, please be sure to package it carefully, preferably in the original packaging, and include a brief description of the problem(s) and a copy of the proof of purchase to verify purchase date.

WHAT IS NOT COVERED:

This limited warranty provided by JVC does not cover:

1. Products which have been subject to abuse, accident, alteration, modification, tampering, negligence, misuse, faulty installation, lack of reasonable care, or if repaired or serviced by anyone other than a service facility authorized by JVC to render such service, or if affixed to any attachment not provided with the products, or if the model or serial number has been altered, tampered with, defaced or removed;
2. Initial installation, installation and removal from cabinets or mounting systems.
3. Operational adjustments covered in the Owner's Manual, normal maintenance, video and audio head cleaning;
4. Damage that occurs in shipment, due to act of God, and cosmetic damage;
5. Signal reception problems and failures due to line power surge;
6. User Removal Memory Devices/Video Pick-up Tubes/CCD Image Sensors are covered for 90 days from the date of purchase;
7. Accessories;
8. Batteries (except that Rechargeable Batteries are covered for 90 days from the date of purchase);
9. Products used for commercial purposes, including, but not limited to rental.
10. Loss of data resultant from malfunction of hard drive or other data storage device;

There are no express warranties except as listed above.

THE DURATION OF ANY IMPLIED WARRANTIES, INCLUDING THE IMPLIED WARRANTY OF MERCHANTABILITY, IS LIMITED TO THE DURATION OF THE EXPRESS WARRANTY HEREIN. JVC SHALL NOT BE LIABLE FOR ANY LOSS OF USE OF THE PRODUCT, INCONVENIENCE, OR ANY OTHER DAMAGES, WHETHER DIRECT, INCIDENTAL OR CONSEQUENTIAL (INCLUDING, WITHOUT LIMITATION, DAMAGE TO TAPES, RECORDS OR DISCS) RESULTING FROM THE USE OF THIS PRODUCT, OR ARISING OUT OF ANY BREACH OF THIS WARRANTY. ALL EXPRESS AND IMPLIED WARRANTIES, INCLUDING THE WARRANTIES OF MERCHANTABILITY AND FITNESS FOR PARTICULAR PURPOSE, ARE LIMITED TO THE WARRANTY PERIOD SET FORTH ABOVE.

Some states do not allow the exclusion of incidental or consequential damages or limitations on how long an implied warranty lasts, so these limitations or exclusions may not apply to you. This warranty gives you specific legal rights and you may also have other rights which vary from state to state.

JVCKENWOOD USA Corporation

REFURBISHED PRODUCTS CARRY A SEPARATE WARRANTY, THIS WARRANTY DOES NOT APPLY. FOR DETAIL OF REFURBISHED PRODUCT WARRANTY, PLEASE REFER TO THE REFURBISHED PRODUCT WARRANTY INFORMATION PACKAGED WITH EACH REFURBISHED PRODUCT.

For customer use:

Enter below the Model No. and Serial No. which is located either on the rear, bottom or side of the cabinet. Retain this information for future reference.

Model No.: _____

Serial No.: _____

Purchase date: _____

Name of dealer: _____