KD-R775S / KD-R670 / KD-R570 / KD-R470 / KD-R370

CD RECEIVER

INSTRUCTION MANUAL

JVCKENWOOD Corporation

Made for iPod iPhone

WORKS WITH PANDORA

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-0807-00 [K]

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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.
- If a disc error occurs due to condensation on the laser lens, eject the disc and wait for the moisture to evaporate.

Remote control (RM-RK52):

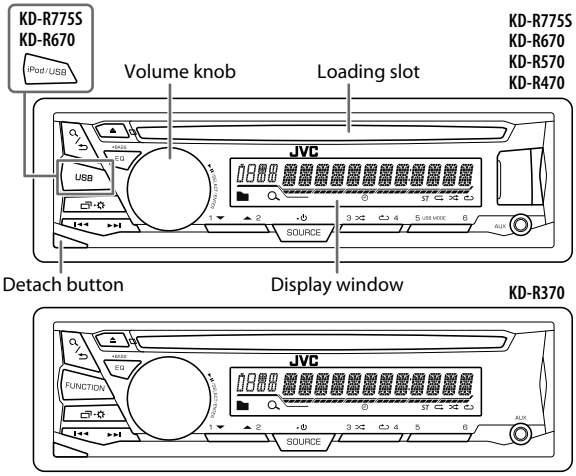
- Do not leave the remote control in hot places such as on the dashboard.
- The Lithium battery is in danger of explosion if replaced incorrectly. Replace it only with the same or equivalent type.
- The battery pack or batteries shall not be exposed to excessive heat such as sunshine, fire or the like.
- 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

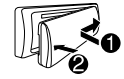
- Operations are explained mainly using buttons on the faceplate of **KD-R470**.
- English indications are used for the purpose of explanation. You can select the display language from the menu. (➡ **5**)
- **[XX]** indicates the selected items.
- (➡ **XX**) indicates references are available on the stated page.

BASICS

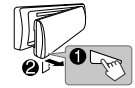
Faceplate



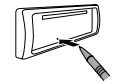
Attach



Detach

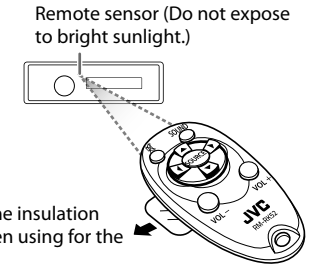


How to reset



Your preset adjustments will be erased except stored radio stations.

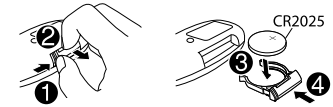
Remote control (RM-RK52)



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

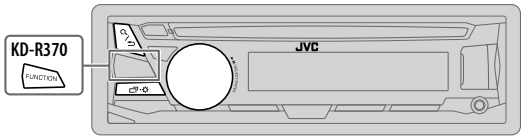
Remote control functions are not available for **KD-R370**.

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 **VOL +** or **VOL –**.
	Press the volume knob to mute the sound or pause playback. • Press again to cancel.	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. **(➡ 20)**	(Not available)

GETTING STARTED



1 Cancel the demonstration

When you turn on the power (or after you reset the unit), 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	**ON**: Activates the keypress tone. ; **OFF**: Deactivates.
SRC SELECT	
AM*1	**ON**: Enables AM in source selection. ; **OFF**: Disables.
PANDORA*1	(For **KD-R775S** / **KD-R670**) **ON**: Enables PANDORA in source selection. ; **OFF**: Disables.
IHEART*1	(For **KD-R775S** / **KD-R670**) **ON**: Enables IHEARTRADIO in source selection. ; **OFF**: Disables.
AUX*1	**BT ADAPTER**: Selects when the KS-BTA100 Bluetooth adapter is connected to the AUX jack. (➡ **14**) ; **ON**: Enables AUX in source selection. ; **OFF**: Disables.
FUNCTION	(For **KD-R370**) Select the feature for **FUNCTION** button. **DIMMER**: Press **FUNCTION** to turn on or off the dimmer. This operation overwrites the [**DIMMER**] settings in menu. (➡ **17**) **BRIGHTNESS**: Press **FUNCTION** to enter [**BRIGHTNESS**] menu directly. (➡ **17**) **BASS BOOST**: Press **FUNCTION** to enter [**BASS BOOST**] menu directly. (➡ **15**) **AUX**: Press **FUNCTION** to select AUX directly.*2 (➡ **14**)

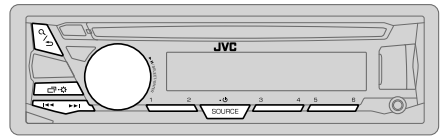
*1 Not displayed when the corresponding source is selected.
*2 Applicable only if [**AUX**] is set to [**ON**].

GETTING STARTED

Default: **XX**

F/W UPDATE (Except for **KD-R370**)	
SYSTEM	
F/W xxxx	**YES**: Starts upgrading the firmware. ; **NO**: Cancels (upgrading is not activated).
CLOCK	
CLOCK SYNC	**AUTO**: The clock time is automatically set using the Clock Time (CT) data in FM Radio Broadcast Data System signal. ; **OFF**: Cancels.
CLOCK DISP	**ON**: The clock time is shown on the display even when the unit is turned off. ; **OFF**: Cancels.
ENGLISH **ESPANOL**	Select the display language for menu and music information if applicable. By default, **ENGLISH** 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 For **KD-R775S**: Selectable only when SiriusXM Vehicle Tuner is connected.
*2 Selectable only when [**ONCE**] or [**WEEKLY**] is selected in step **1**.

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**

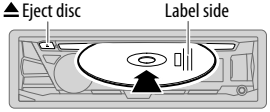
* Only for FM source.

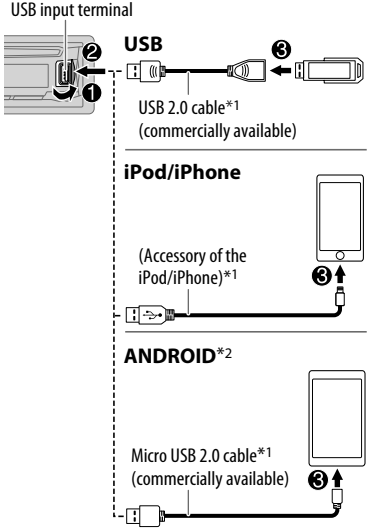
CD / USB / iPod / ANDROID

Start playback

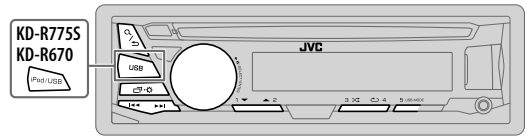
The source changes automatically and playback starts.

CD





Selectable source:
KD-R775S / **KD-R670**:
CD/ USB/ USB-IPOD/ ANDROID
KD-R570 / **KD-R470**:
CD/ USB/ ANDROID
KD-R370: CD



KD-R775S / **KD-R670** / **KD-R570** / **KD-R470**:
To directly select USB/ USB-IPOD/ ANDROID source, press **iPod** / **USB** or **USB**.

To	On the faceplate	On the remote control
Reverse / Fast-forward*3	Press and hold ⏮ / ⏭.	Press and hold ◀ / ▶.
Select a track/file	Press ⏮ / ⏭.	Press ◀ / ▶.
Select a folder*4	Press **2** ▲ / **1** ▼.	Press ▲ / ▼.
Repeat play*5	Press **4** ↻ repeatedly. **TRACK RPT/ ALL RPT** : Audio CD **TRACK RPT/ FOLDER RPT/ ALL RPT** : MP3/WMA/WAV/FLAC file **ONE RPT/ ALL RPT/ RPT OFF** : iPod or ANDROID	
Random play*5	Press **3** ⇄ repeatedly. **ALL RND/ RND OFF** : Audio CD **FOLDER RND/ ALL RND/ RND OFF** : MP3/WMA/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. (➡ **18**)
*3 For ANDROID: Applicable only when [**AUTO MODE**] is selected. (➡ **8**)
*4 For CD: Only for MP3/WMA files. This does not work for iPod/ ANDROID.
*5 For iPod/ ANDROID: Applicable only when [**HEAD MODE**]/ [**AUTO MODE**] is selected. (➡ **8**)

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.

Change the playback speed of the Audiobook

(For **KD-R775S** / **KD-R670**)

While listening to the iPod and [**HEAD MODE**] is selected....

1. **Press and hold ⏍·☼.**
2. **Turn the volume knob to select [IPOD], then press the knob.**
3. **Press the volume knob to select [AUDIOBOOKS].**
4. **Turn the volume knob to select an item, then press the knob.**
   0.5× SPEED / **1× SPEED** / **2× SPEED**: Select the desired playback speed of the Audiobooks sound file in your iPod/iPhone.
   (Default: Depends on your iPod/iPhone setting.)
5. **Press ⏍·☼ to exit.**

To return to the previous setting item, press 🔍 / ⮌.

Select a file from a folder/list

1. **Press 🔍 / ⮌.**
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.

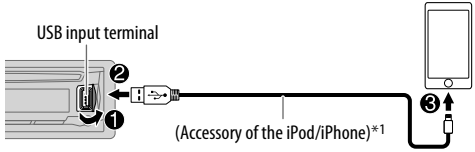
- To return to the previous setting item, press 🔍 / ⮌.
- To cancel, press and hold 🔍 / ⮌.
- For iPod, applicable only when [**HEAD MODE**] is selected.
- For ANDROID, applicable only when [**AUTO MODE**] is selected.

Pandora® (for KD-R775S / KD-R670)

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.**



The source changes to PANDORA and broadcast starts.

To	On the faceplate	On the remote control
Playback / pause	Press the volume knob.	Press .
Skip a track	Press ►►I.	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

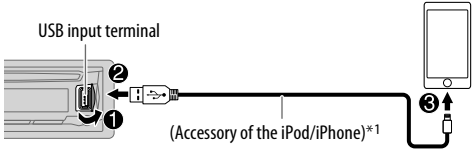
Press and hold the volume knob.
"BOOKMARKED" appears and the information is stored to your device.
The bookmark is available on your Pandora account but not on this unit.

iHeartRadio® (for KD-R775S / KD-R670)

Preparation:
Install the latest version of iHeart Link for JVC 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 iHeart Link application on your device.**
2 **Connect your device to the USB input terminal.**



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

To	On the faceplate	On the remote control
Playback / pause	Press the volume knob.	Press 🔇.
Skip a track for custom station	Press ►►I.	Press ▶.
Thumbs up or thumbs down for custom station*2	Press **2** ▲ / **1** ▼.	Press ▲ / ▼.
Create a new/custom station	Press and hold the volume knob.	(Not available)
Add to favorite stations for live station	Press **3**.	(Not available)
Scan for live station	Press **4**.	(Not available)

*1 Do not leave the cable inside the car when not using.
*2 If thumbs down is selected, the current track is skipped.

Search for 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 skip cities in alphabetical order.

To cancel, press and hold 🔍 / ⮌.

Skip cities by alphabetical order

While a city list appears during search...

1 **Turn the volume knob quickly to enter character search.**
You can search through the list quickly according to the first character (A to Z).
2 **Turn the volume knob or press 2 ▲ / 1 ▼ to select the character to be searched for.**
3 **Press the volume knob to start searching.**

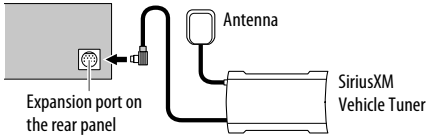
To cancel, press and hold 🔍 / ⮌.

SiriusXM® Radio (for KD-R775S)

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 Activate the subscription.

4 Press SOURCE-⏻ repeatedly to select SIRIUS XM to start updating.

Start listening

1 Press SOURCE-⏻ repeatedly to select SIRIUS XM.
2 Press 🔍/⮌.
"🔍" 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).
	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).
	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 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 Reply	Press and hold the volume knob.	
	1 Press 🔍/⮌. 2 Turn the volume knob to select LIVE, then press the 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. 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**).
	1 Press 🔍/⮌. 2 Turn the volume knob to select a preset number, then press the knob to confirm.
Cancel SmartFavorites channels	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 current 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 enter TuneScan.

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: **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	**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. • Make a note of the new pass code to enter channel lock settings from next time.
LOCK SET	**MATURE CH**: Selects the SiriusXM-defined lock setting. ; **USER DEFINED**: Selects the user-defined lock setting. ; **OFF**: Cancels.
CH EDIT*1	**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**: Selected SmartFavorite channel starts 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.

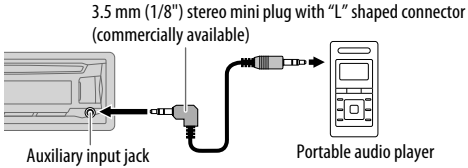
*1 Displayed only when [**USER DEFINED**] is selected.

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

AUX

Use a portable audio player

1 Connect a portable audio player (commercially available).



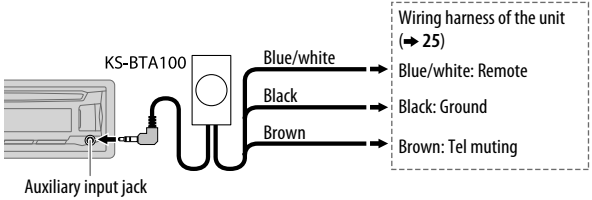
2 Select [ON] for [AUX] in [SRC SELECT]. (➡ 4)
3 Press SOURCE-⏻ repeatedly to select AUX.
4 Turn on the portable audio player and start playback.



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

Use a Bluetooth® device

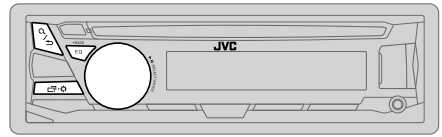
1 Connect the Bluetooth adapter, KS-BTA100 (separately purchased).



2 Register (pair) the Bluetooth device with KS-BTA100.
3 Select [BT ADAPTER] for [AUX] in [SRC SELECT]. (➡ 4)
4 Press SOURCE-⏻ repeatedly to select BT AUDIO.
5 Start using the Bluetooth device.

For details, refer to the instruction manual of KS-BTA100.

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**, **HIP HOP**, **JAZZ**, **POP**, **R&B**, **TALK**, **USER**, **VOCAL BOOST**, **BASS BOOST**, **CLASSICAL**, **DANCE**

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 (**➡ 15**) and the result is stored to [**USER**].

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

Other settings

1 Press and hold ⏍·☼.
2 Turn the volume knob to select an item (➡ 15), 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 🔍/⮌.

AUDIO SETTINGS

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**].) **FLAT** (Default) / **HARD ROCK** / **HIP HOP** / **JAZZ** / **POP** / **R&B** / **TALK** / **USER** / **VOCAL BOOST** / **BASS BOOST** / **CLASSICAL** / **DANCE**
EASY EQ	Adjust your own sound settings. The settings are stored to [**USER**]. **SUB.W SP***1*2: **00** to **+06** (Default: **03**) **SUB.W***1*3: **–08** to **+08** **00** **BASS LVL**: **–06** to **+06** **00** **MID LVL**: **–06** to **+06** **00** **TRE LVL**: **–06** to **+06** **00**
PRO EQ	**1** **BASS** / **MIDDLE** / **TREBLE**: Select a sound tone. **2** Adjust the sound elements of the selected sound tone. **BASS** Frequency: **60**/ **80**/ **100**/ **200 HZ** (Default: **80 HZ**) Level: **–06** to **+06** **00** Q: **Q1.0**/ **Q1.25**/ **Q1.5**/ **Q2.0** **Q1.0**) **MIDDLE** Frequency: **0.5**/ **1.0**/ **1.5**/ **2.5 KHZ** (Default: **1.0 KHZ**) Level: **–06** to **+06** **00** Q: **Q0.75**/ **Q1.0**/ **Q1.25** **Q1.25**) **TREBLE** Frequency: **10.0**/ **12.5**/ **15.0**/ **17.5 KHZ** (Default: **10.0 KHZ**) Level: **–06** to **+06** **00** Q: **Q FIX** **Q FIX**)

*1 Displayed only when [**SUB.W**] is set to [**ON**].
*2 Displayed only when [**SPK/PRE OUT**] is set to [**SUB.W/SUB.W**]. (➡ **16**)
*3 Displayed only when [**SPK/PRE OUT**] is set to [**REAR/SUB.W**] or [**SUB.W/SUB.W**]. (➡ **16**)

AUDIO		
BASS BOOST		**+01** — **+05** (**+01**): Selects your preferred bass boost level. ; **OFF**: Cancels.
LOUD		**01** / **02**: Boosts low or high frequencies to produce a well-balanced sound at low volume. ; **OFF**: Cancels.
For **KD-R775S**		
SUB.W LEVEL		**–08** to **+08** (**00**): Adjusts the output level of the subwoofer connected to the lineout terminals (SW) through an external amplifier. (➡ **25**)
For **KD-R670** / **KD-R570** / **KD-R470** / **KD-R370**		
SUB.W LEVEL*1	**SPK-OUT***2	**00** to **+06** (**+03**): Adjusts the output level of the subwoofer connected via speaker lead. (➡ **25**)
	PRE-OUT*3	**–08** to **+08** (**00**): Adjusts the output level of the subwoofer connected to the lineout terminals (REAR/SW) through an external amplifier. (➡ **25**)
SUB.W*3		**ON** / **OFF**: Turns on or off the subwoofer output.
SUB.W LPF*1		**THROUGH**: All signals are sent to the subwoofer. ; **LOW 55HZ** / **MID 85HZ** / **HIGH 120HZ**: Audio signals with frequencies lower than 55 Hz/ 85 Hz/ 120 Hz are sent to the subwoofer.
SUB.W PHASE*1		**REVERSE** (180°)/ **NORMAL** (0°): Selects the phase of the subwoofer output to be in line with the speaker output for optimum performance. (Selectable only if a setting other than [**THROUGH**] is selected for [**SUB.W LPF**].)

For **KD-R775S**	
HPF	**OFF**: All signals are sent to the front/rear speakers. ; **LOW 100HZ** / **MID 120HZ** / **HIGH 150HZ**: Audio signals with frequencies lower than 100 Hz/ 120 Hz/ 150 Hz are cut off from the front/rear speakers.
FADER	**R06** — **F06** (**00**): Adjusts the front and rear speaker output balance.
BALANCE*4	**L06** — **R06** (**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. ("VOL ADJ FIX" appears if FM is selected.)
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.
D.T.EXP (Digital Track Expander)	**ON**: Creates realistic sound by compensating the high-frequency components and restoring the rise-time of the waveform that are lost in audio data compression. ; **OFF**: Cancels.
TEL MUTING*5	**ON**: Mutes the sounds while using the cellular phone (not connected through KS-BTA100). ; **OFF**: Cancels.
For **KD-R670** / **KD-R570** / **KD-R470** / **KD-R370**	
SPK/PRE OUT	Depending on the speaker connection method, select the appropriate setting to get the desired output. (➡ **Speaker output settings**)

*4 This adjustment will not affect the subwoofer output.
*5 Does not work if [**BT ADAPTER**] is selected for [**AUX**] in [**SRC SELECT**]. (➡ **4**)

Speaker output settings

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. (➡ **25**)
(For **KD-R670**)

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

(For **KD-R570** / **KD-R470** / **KD-R370**)

Setting on [**SPK/PRE OUT**]	Audio signal through lineout terminal
	REAR/SW
REAR/REAR	Rear speakers output
REAR/SUB.W	Subwoofer output
SUB.W/SUB.W	Subwoofer output

Connection via speaker leads

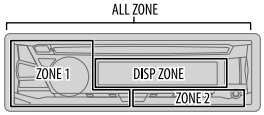
For connections without using an external amplifier. However, with this settings you can also enjoy the subwoofer output. (➡ **25**)
(For **KD-R670** / **KD-R570** / **KD-R470** / **KD-R370**)

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)

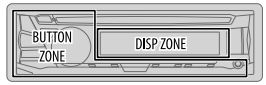
If [**SUB.W/SUB.W**] is selected:
– [**HIGH 120HZ**] is selected in [**SUB.W LPF**] and [**THROUGH**] is not available.
– [**R01**] is selected in [**FADER**] and selectable range is [**R06**] to [**00**]

DISPLAY SETTINGS

KD-R775S



KD-R670 / KD-R570 / KD-R470 / KD-R370



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, display and USB input terminal brightness for day and night separately. **1** **DAY** / **NIGHT**: Select day or night. **2** Select a zone. **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. **(➡ 25)**

COLOR (for **KD-R775S**)	
PRESET	Select color for display and button illumination separately. Default color: **ALL ZONE**: [**COLOR 08**], **DISP ZONE**: [**COLOR 01**], **ZONE 1**: [**COLOR 08**], **ZONE 2**: [**COLOR 46**] **1** Select a zone. **2** Select a color for the selected zone. • **COLOR 01** to **COLOR 49** • **USER**: The color you have created for [**DAY COLOR**] or [**NIGHT COLOR**] is shown. • **COLOR FLOW01** to **COLOR FLOW03**: Color changes at different speeds. • **GROOVE**/ **TECHNO**/ **EMOTION**/ **RELAX**/ **SPECTRUM**/ **SWEEP**/ **POP**: The selected color pattern is shown.*3 (Selectable only when [**ALL ZONE**] is selected in step **1**.)
DAY COLOR **NIGHT COLOR**	Store your own day and night colors for different zone. **1** Select a zone. **2** **RED** / **GREEN** / **BLUE**: Select a primary color. **3** **00** to **31**: Select the level. Repeat steps **2** and **3** for all the primary colors. • Your setting is stored to [**USER**] in [**PRESET**]. • If [**00**] is selected for all primary colors for [**DISP ZONE**], nothing appears on the display.
COLOR GUIDE	**ON**: Changes the button, display, and auxiliary input jack illumination when settings are performed on menu and list search. Display zone will automatically change depending on volume level. ; **OFF**: Cancels.

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

*3 If one of these color pattern is selected, the [**ZONE 1**], [**DISP ZONE**], [**ZONE 2**] illumination color will change to the default color.

DISPLAY SETTINGS

COLOR (for **KD-R570**)	
PRESET	Select a color for the buttons illumination. • **COLOR 01** to **COLOR 49** [**COLOR 08**] • **USER**: The color you have created for [**DAY COLOR**] or [**NIGHT COLOR**] is shown. • **COLOR FLOW01** to **COLOR FLOW03**: Color changes at different speeds.
DAY COLOR **NIGHT COLOR**	Make your own day and night colors for the buttons illumination. **1** **RED** / **GREEN** / **BLUE**: Select a primary color. **2** **00** to **31**: Select the level. Repeat steps **1** and **2** for all primary colors. • Your setting is stored to **[USER]** in **[PRESET]**.
MENU COLOR	**ON**: Changes the button illumination in menu mode or when selecting a music file from a folder/list. ; **OFF**: Cancels.

[**NIGHT COLOR**] or [**DAY COLOR**] is changed by turning on or off your car's headlight.

REFERENCES

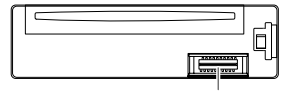
■ Maintenance

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)

Handling discs:

- Do not touch the recording surface of the disc.
- Do not stick tape etc. on the disc, or use a disc with tape stuck on it.
- Do not use any accessories for the disc.
- Clean from the center of the disc and move outward.
- Clean the disc with a dry silicone or soft cloth. Do not use any solvents.
- When removing discs from this unit, pull them out horizontally.
- Remove burrs from the center hole and disc edge before inserting a disc.

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

About discs and audio files

- This unit can only play the following CDs:



- This unit can play back multi-session discs; however, unclosed sessions will be skipped during playback.
- **Unplayable discs:**
  - Discs that are not round.
  - Discs with coloring on the recording surface or discs that are dirty.
  - Recordable/ReWritable discs that have not been finalized.
  - 8 cm CD. Attempting to insert using an adapter may cause malfunction.

REFERENCES

- **DualDisc playback:** The Non-DVD side of a "DualDisc" does not comply with the "Compact Disc Digital Audio" standard. Therefore, the use of Non-DVD side of a DualDisc on this product cannot be recommended.
- **Playable files:**
  - File extensions: MP3 (.mp3), WMA (.wma)
  - Bit rate: MP3: 8 kbps — 320 kbps
    WMA: 32 kbps — 192 kbps
  - Sampling frequency:
    MP3: 48 kHz, 44.1 kHz, 32 kHz, 24 kHz, 22.05 kHz, 16 kHz, 12 kHz, 11.025 kHz, 8 kHz
    WMA: 8 kHz — 48 kHz
  - Variable bit rate (VBR) files.
- **Maximum number of characters for file/folder name:**
  It depends on the disc format used (includes 4 extension characters—<.mp3> or <.wma>.
  - ISO 9660 Level 1 and 2: 32 characters
  - Romeo: 32 characters
  - Joliet: 32 characters
  - Windows long file name: 32 characters

About USB devices

- This unit can play MP3/WMA/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.
- The maximum number of characters for:
  - Folder names: 64 characters
  - File names: 64 characters
  - MP3 Tag: 64 characters
  - WMA Tag: 64 characters
  - WAV Tag: 64 characters
  - FLAC Tag: 64 characters
- This unit can recognize a total of 15 000 files, 500 folders (999 files per folder including folder without unsupported files), and of 8 hierarchies.
- This unit cannot recognize a USB device whose rating is other than 5 V and exceeds 1 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.

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.

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.

REFERENCES

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)
CD or **USB**	**(For CD-DA)** Playing time ➡ Day/Clock ➡ Disc name ➡ Track title ➡ (back to the beginning)
	(For MP3/WMA/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	BT AUDIO ⟷ Day/Clock

TROUBLESHOOTING

	Symptom	Remedy
General	Sound cannot be heard.	• 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	• Radio reception is poor. • Static noise while listening to the radio.	Connect the antenna firmly.
CD / USB / iPod	Disc cannot be ejected.	Press and hold ⏏ to forcibly eject the disc. Be careful not to drop the disc when it is ejected.
	"IN DISC" appears.	Make sure nothing is blocking the loading slot when you eject the disc.
	"PLEASE" and "EJECT" appear alternately.	Press ⏏, then insert the disc correctly.
	Playback order is not as intended.	The playback order is determined by the file name (USB) or the order in which files were recorded (disc).
	Elapsed playing time is not correct.	This depends on the recording process earlier.
	"NOT SUPPORT" appears and track skips.	Check whether the track is a playable format. **(➡ 18, 19)**
	"READING" keeps flashing.	• Do not use too many hierarchical levels and folders. • Reload the disc or reattach the USB device.
	"CANNOT PLAY" flashes and/or connected device cannot be detected.	• Check whether the connected device is compatible with this unit and ensure the files are in supported formats. **(➡ 18, 19)** • Reattach the device.

TROUBLESHOOTING

	Symptom	Remedy
CD / USB / iPod	The iPod/iPhone does not turn on or does not work.	• Check the connection between this unit and iPod/iPhone. • Detach and reset the iPod/iPhone using hard reset.
	Correct characters are not displayed.	This unit can only display uppercase letters, numbers, and a limited number of symbols. (➡ **5**)
ANDROID	• Sound cannot be heard during playback. • Sound output only from the Android device.	• 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. (➡ **19**)
	Cannot playback at [**AUTO MODE**].	• 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**]. (➡ **19**)
	"NO DEVICE" or "READING" keeps flashing.	• 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**]. (➡ **19**)
	Playback is intermittent or sound skips.	Turn off the power saving mode on the Android device.
	"CANNOT PLAY"	• Make sure Android device contains playable audio files. • Reconnect the Android device. • Restart the Android device.
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.

	Symptom	Remedy
Pandora	"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.
	"LICENSE ERR"	You try to access from a country which Pandora is not deliverable.
iHeartRadio	Station cannot be selected.	If "Explicit Content" in [Account Settings] is checked in the web version of iHeartRADIO, custom stations become unavailable.
	"CREATE ERR"	Custom station name creation is unsuccessful.
	"SAVE ERROR"	Addition to the favorite category failed.
	"DISCONNCTED"	Check the connection to the device.
	"NO SKIPS"	The skip limit has been reached. Retry later.
	"NO STATIONS"	No stations are found.
	"NOT CONNCTD"	Link to the application is impossible.
	"UPDATE APP"	Make sure you have installed the latest version of the iHeart Link for JVC application on your device.
	"PLS LOGIN"	You haven't log in. Log in again.
	"STATION NOT AVAILABLE"	Broadcast from the station is over.
	"STATION NOT SELECTED"	No station is selected.

TROUBLESHOOTING

	Symptom	Remedy
iHeartRadio	"STREAM ERR"	Broadcast data is interrupted.
	"THUMBS ERR"	Registration of Thumbs Up/Down has failed.
	"TIMED OUT"	The request has resulted in time-out.
SiriusXM® Radio	"CH LOCKED LOCK CODE?"	The selected channel is locked. Enter the correct pass code to unlock. **(➡ 13)**
	"CHAN UNSUB"	The selected channel is unsubscribed.
	"CH UNAVAIL"	The selected channel is unavailable. Visit
	"CHK ANTENNA"	Check 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.

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 µV/75 Ω)
		Quieting Sensitivity (DIN S/N = 46 dB)	17.2 dBf (2.0 µV/75 Ω)
		Frequency Response (±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 dBµ (28.2 µV)
CD player		Laser Diode	GaAlAs
		Digital Filter (D/A)	8 times over sampling
		Spindle Speed	500 rpm — 200 rpm (CLV)
		Wow & Flutter	Below measurable limit
		Frequency Response (±1 dB)	20 Hz — 20 kHz
		Total Harmonic Distortion (1 kHz)	0.01 %
		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

SPECIFICATIONS

USB (Except for **KD-R370**)	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 ⎓ 1 A
	MP3 Decode	Compliant with MPEG-1/2 Audio Layer-3
	WMA Decode	Compliant with Windows Media Audio
	WAV Decode	Linear-PCM
	FLAC Decode	FLAC files
Auxiliary	Frequency Response (±3 dB)	20 Hz — 20 kHz
	Input Maximum Voltage	1 000 mV
	Input Impedance	30 kΩ
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	**KD-R775S**: CD/USB: 4 800 mV/10 kΩ load **KD-R670** / **KD-R570** / **KD-R470**: CD/USB: 2 500 mV/10 kΩ load **KD-R370**: CD: 2 500 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 × 158 mm (7-3/16" × 2-1/8" × 6-1/4")
	Weight	1.1 kg (2.43 lbs)

Subject to change without notice.

⚠ 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.

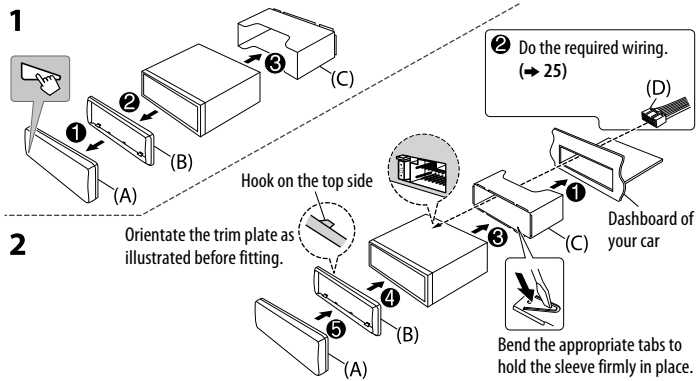
⚠ Caution

- 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. **(➡ 16)**
- 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. **(➡ 25)**
3. **Install the unit to your car.**
   See Installing the unit (in-dash mounting).
4. **Connect the ⊖ terminal of the car battery.**
5. **Reset the unit. (➡ 3)**

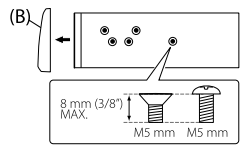
Installing the unit (in-dash mounting)



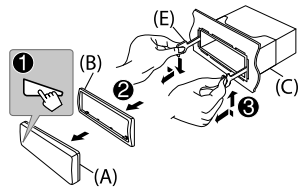
When installing without the mounting sleeve

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.



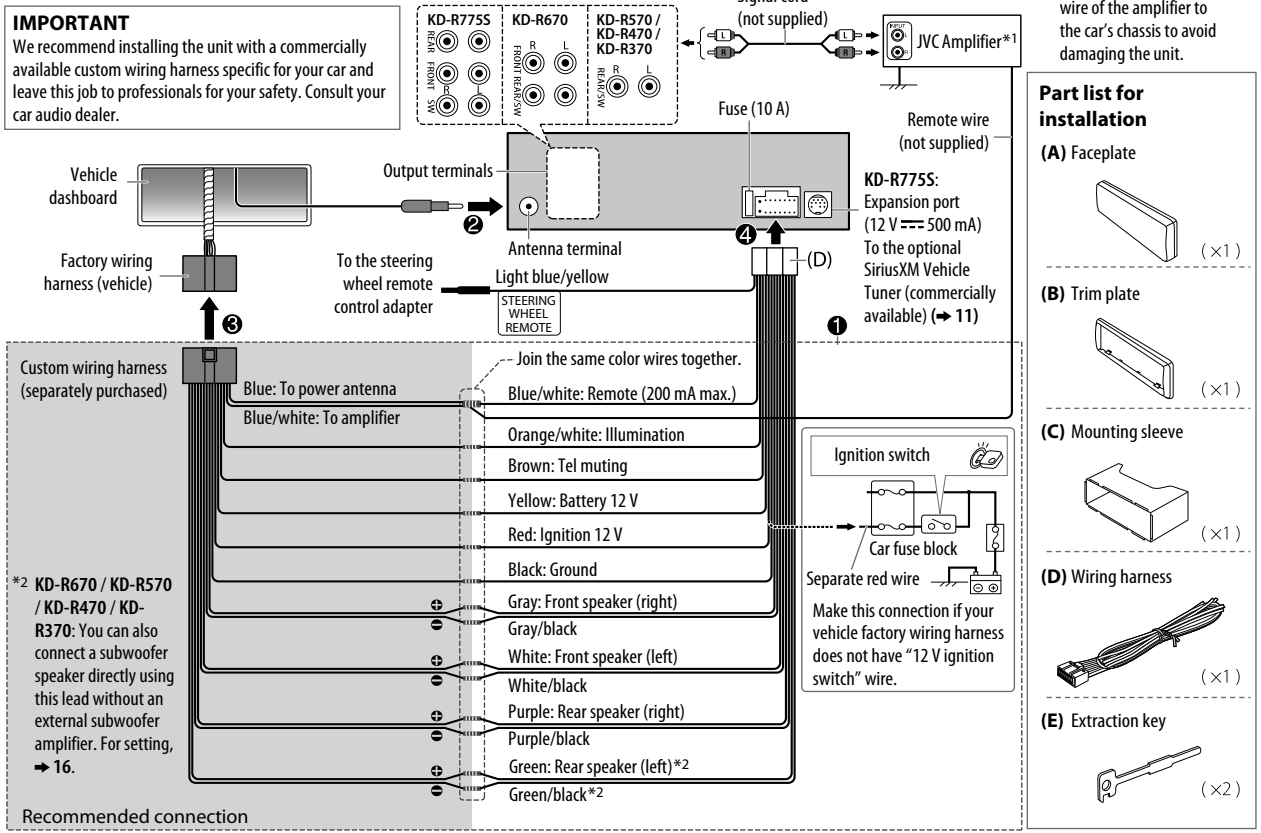
How to remove the unit



Wiring connection

IMPORTANT

We recommend installing the unit with a commercially available custom wiring harness specific for your car and leave this job to professionals for your safety. Consult your car audio dealer.



*2 **KD-R670 / KD-R570 / KD-R470 / KD-R370**: You can also connect a subwoofer speaker directly using this lead without an external subwoofer amplifier. For setting, ➡ **16**.

*1 Firmly connect the ground wire of the amplifier to the car's chassis to avoid damaging the unit.

Part list for installation

(A) Faceplate (×1)

(B) Trim plate (×1)

(C) Mounting sleeve (×1)

(D) Wiring harness (×1)

(E) Extraction key (×2)

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JVC KENWOOD Corporation
2967-3, ISHIKAWA-MACHI,
HACHIOJI-SHI, TOKYO, JAPAN

THIS PRODUCT COMPLIES WITH DHHS RULES 21CFR SUBCHAPTER J IN EFFECT AT DATE OF MANUFACTURE.

Location : Top Plate

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.

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