KENWOOD

KDC-4754SD
KDC-4654SD

CD-RECEIVER
INSTRUCTION MANUAL
CD-RECEIVER
BEDIENUNGSANLEITUNG
РАДИОПРИЕМНИК С КОМПАКТ–ДИСКАМИ
ИНСТРУКЦИЯ ПО ЭКСПЛУАТАЦИИ
АВТОМАГНІТОЛА
ІНСТРУКЦІЯ З ЕКСПЛУАТАЦІЇ

JVC KENWOOD Corporation

Designed for
Windows
Media™

AAC

SDHC™

Made for
iPod iPhone

Изделие изготовлено в Малайзии

GET0753-003B (EW)

CONTENTS

Safety

WARNING
Stop the car before operating the unit.

Important to know…
- To prevent a short circuit, never put or leave any metallic objects (such as coins or metal tools) inside the unit.
- **Caution:** Adjust the volume so that you can hear sounds outside the car. Driving with the volume too high may cause an accident.
- **Condensation:** When the car is air-conditioned, moisture may collect on the laser lens. This may cause disc read errors. In this case, remove the disc and wait for the moisture to evaporate.
- This unit can only play the CDs with:

  COMPACT disc DIGITAL AUDIO   COMPACT disc DIGITAL AUDIO Recordable   COMPACT disc DIGITAL AUDIO ReWritable

- The illustrations in this manual are examples used to explain more clearly how the controls are used. Therefore, what appears on the illustrations may differ from what appears on the actual equipment.
- A USB connection cable, CA-U1EX (max.: 500 mA) (optional accessory) is required for connecting a USB device.
- You can connect an Apple iPod/iPhone with this unit.
  The word "iPod" appearing in this manual indicates the iPod or iPhone connected to this unit with a connection cable, KCA-iP102 (optional accessory).
- If you experience problems during installation, consult your Kenwood dealer.
- When you purchase external components, check with your Kenwood dealer to make sure that they work with your model and in your area.
- Detailed information and notes about the playable audio files are stated in an online manual on the following site: www.kenwood.com/cs/ce/audiofile/

Information on Disposal of Old Electrical and Electronic Equipment and Batteries (applicable for EU countries that have adopted separate waste collection systems)

Products and batteries with the symbol (crossed-out wheeled bin) cannot be disposed as household waste.

Pb

Old electrical and electronic equipment and batteries should be recycled at a facility capable of handling these items and their waste byproducts.

Contact your local authority for details in locating a recycle facility nearest to you. Proper recycling and waste disposal will help conserve resources whilst preventing detrimental effects on our health and the environment.

Notice: The sign "Pb" below the symbol for batteries indicates that this battery contains lead.

$C \, C$

Declaration of Conformity with regard to the EMC Directive 2004/108/EC

Manufacturer:
JVC KENWOOD Corporation
3-12, Moriyacho, Kanagawa-ku, Yokohama-shi, Kanagawa, 221-0022, Japan

EU Representative's:
Kenwood Electronics Europe BV
Amsterdamseweg 37, 1422 AC UITHOORN, The Netherlands

This Product is not installed by the manufacturer of a vehicle on the production line, nor by the professional importer of a vehicle into an EU Member State.

The marking of products using lasers

CLASS 1
LASER PRODUCT

The label is attached to the chassis/case and says that the component uses laser beams that have been classified as Class 1. It means that the unit is utilizing laser beams that are of a weaker class. There is no danger of hazardous radiation outside the unit.

For Turkey
Bu ürün 26891sayılı Resmi Gazete'de yayımlanan Elektrikli ve Elektronik Eşyalarda Bazı Zararlı Maddelerin Kullanımının Sınırlandırılmasına Dair Yönetmeliğe uygun olarak üretilmiştir.
This product complies with Directive, Number 26891 regarding "REGULATION ON THE RESTRICTION OF THE USE OF CERTAIN HAZARDOUS SUBSTANCES IN ELECTRICAL AND ELECTRONIC EQUIPMENT".

Preparation

How to attach/detach the faceplate
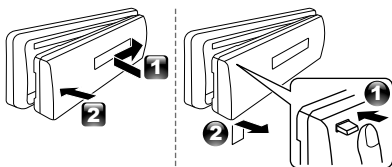
- Do not expose the faceplate to direct sunlight, excessive heat, or humidity. Also avoid places with too much dust or the possibility of water splashing.
- Keep the faceplate in its casing while detached.
- The faceplate is a precision piece of equipment and can be damaged by shocks or jolts.
- To prevent deterioration, do not touch the terminals of the unit and faceplate with your fingers.

How to reset your unit

If this unit fails to operate properly, press the reset button.
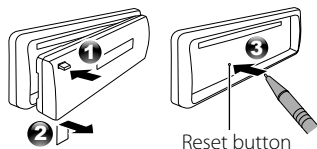
Reset button

The unit returns to factory settings when the reset button is pressed.

Maintenance

Cleaning the unit: Wipe off the dirt on the panel with a dry silicon or soft cloth. Failure to observe this precaution may result in damage to the monitor or unit.

Cleaning the connector: The unit may not function properly if the connectors between the unit and faceplate are dirty. Detach the faceplate and clean the connector with a cotton swab gently, being careful not to damage the connector.
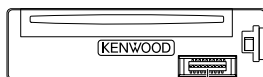
Connector (on the reverse side of the faceplate)

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 silicon or soft cloth. Do not use any solvents.
- When removing discs from this unit, pull them out horizontally.
- Remove the rims from the center hole and disc edge before inserting a disc.

Basic operations

Display window

KDC-4754SD

KDC-4654SD

Loading slot

Ejects the disc

KENWOOD

Volume knob

USB terminal

Detaches the faceplate

Auxiliary input jack

Slide open the cover
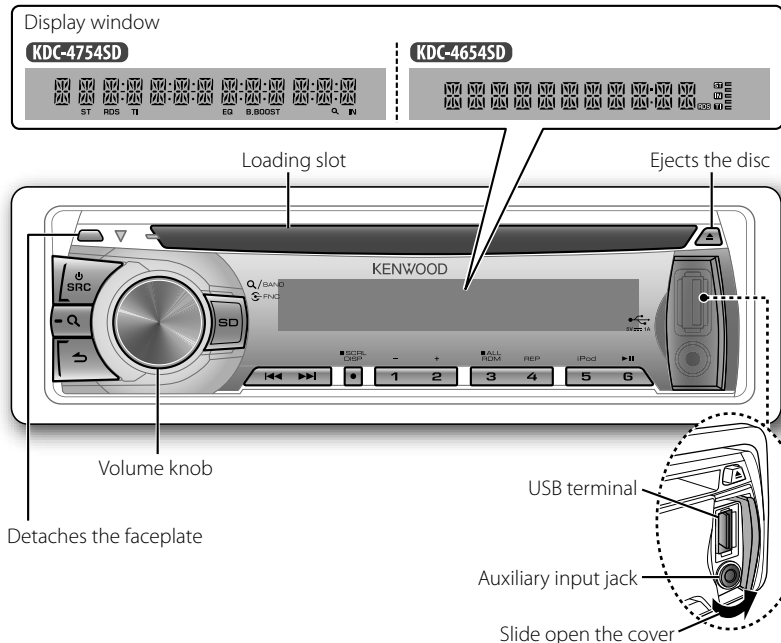
The following indicator lights up when...

ST : A stereo broadcast is received (FM).

IN : A disc is in the unit.

TI : Traffic Information function is turned on.

RDS : Radio Data System service is available.

For **KDC-4754SD** :

EQ : **[PRESET EQ]** is set to an EQ mode other than **[NATURAL]**. (page 14)

B.BOOST : **[BASS BOOST]** is set to **[B.BOOST LV1]**, **[B.BOOST LV2]** or **[B.BOOST LV3]**. (page 14)

Q : In Search Mode or when a Playlist is displayed.

Discs that cannot be used

- Discs that are not round.
- Discs with coloring on the recording surface or discs that are dirty.
- You cannot play a Recordable/ReWritable disc that has not been finalized. (For the finalization process refer to your disc writing software, and your disc recorder instruction manual.)
- 8 cm CD cannot be used. Attempt to insert using an adapter can cause malfunction.

When you press or hold the following button(s)...

Button	General operation
⏻ SRC	■ Turns on. ■ Turns off if pressed and held. ■ Selects the available sources (TUNER, USB/ iPod, SD, CD, AUX, STANDBY), if the power is turned on. • *If the source is ready, playback also starts.* • *"iPod," "SD" or "CD" is selectable only when an iPod is connected, an SD card is inserted or a disc is loaded.*
Volume knob (turn)	■ Adjusts the volume level. ■ Selects items.
Volume knob (press)	■ Confirms selection. ■ Enters **[FUNCTION]** settings.
Q	■ Selects the FM bands (FM1/ FM2/ FM3) or MW/ LW when "TUNER" is selected as the source. ■ Enters Music Search mode.
SD	Selects "SD" source.
1 (–) / 2 (+)	Selects the previous/next folder.
5 (iPod)	Switches the controlling mode (MODE ON/ MODE OFF) for iPod playback. (page 12)
6 (►II)	Pauses/resumes playback of a disc/ USB device/ SD/ iPod.
⏮ / ⏭	■ Searches for radio station. ■ Selects track/file. ■ Fast-forwards/reverses tracks if pressed and held.
SCRL DISP	■ Changes the display information. ■ Scrolls the display information if pressed and held. ■ Enters clock adjustment mode directly (page 7) if pressed and held while in clock display screen.
⤺	■ Returns to the previous item. ■ Exit from setting mode if pressed and held.

Muting upon the reception of a phone call

To use this feature, connect the MUTE lead to your telephone using a commercial telephone accessory. (page 19)

When a call comes in, "CALL" appears.
■ The audio system pauses.
■ To continue listen to the audio system during a call, press ⏻ **SRC**. "CALL" disappear and the audio system resumes.
When a call ends, "CALL" disappear.
■ The audio system resumes.

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Getting started

Canceling the display demonstration

The display demonstration is always turned on unless you cancel it.

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 as the initial setup.
2 Press the volume knob again to confirm.
   [DEMO OFF] appears.
■ If no operation is done for about 15 seconds or if you turn the volume knob to select **[NO]** in step **2**, **[DEMO MODE]** appears and the display demonstration starts.

Setting the demonstration mode

1 Press the volume knob to enter **[FUNCTION]**.
2 Turn the volume knob to select **[DEMO MODE]**, then press to enter.
3 Turn the volume knob to select **[ON]** or **[OFF]**.
   If **[ON]** is selected, display demonstration starts if no operation is done for about 20 seconds.
4 Hold ⬑ to finish the procedure.

Adjusting the clock

1 Press the volume knob to enter **[FUNCTION]** mode.
2 Turn the volume knob to select **[SETTINGS]**, then press to enter.
3 Turn the volume knob to select **[CLOCK]**, then press to enter.
4 Turn the volume knob to select **[CLOCK ADJUST] / [CLOCK ADJ]**, then press to enter.
   Clock hour flashes on the display.
5 Turn the volume knob to adjust the hour, then press to enter minute adjustment.
   Clock minutes flashes on the display.
6 Turn the volume knob to adjust the minute, then press to confirm.
   Press ⏮ / ⏭ to move between the hour and minute adjustment.
7 Hold ⬑ to finish the procedure.

Initial settings before operations

1 Press ⏻ **SRC** to enter **[STANDBY]** mode.
2 Press the volume knob to enter **[FUNCTION]** mode.
3 Turn the volume knob to select **[INITIAL SET]**, then press to enter.
4 Turn the volume knob to make a selection, then press to confirm.
   See table on page 8 for selection.
5 Hold ⬑ to finish the procedure.

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Item	Selectable setting (Preset: *)
PRESET TYPE	**NORMAL/ NORM*:** Memorizes one station for each preset button in each band (FM1/ FM2/ FM3/ MW/ LW). ; **MIX:** Memorizes one station for each preset button regardless of the selected band (FM1/ FM2/ FM3/ MW/ LW).
KEY BEEP	**ON*/ OFF:** Activates/deactivates the keypress tone.
RUSSIAN SET	**ON:** Folder name, file name, song title, artist name, album name are displayed in Russian (if applicable). ; **OFF*:** Cancels.
P-OFF WAIT	Sets the duration when the unit will automatically turns off (while in standby mode) to save the battery. **–––:** Cancels ; **20M*:** 20 minutes ; **40M:** 40 minutes ; **60M:** 60 minutes
BUILT-IN AUX/ BUILTIN AUX	**ON*:** Enables "AUX" in source selection. Sound of the connected external component is produce through the car speakers. ; **OFF:** Disables "AUX" in source selection.
CD READ	**1*:** Automatically distinguishes between audio file disc and music CD. ; **2:** Forces to play as a music CD. No sound can be heard if an audio file disc is played.
SWITCH PRE	For **KDC-4654SD** : **REAR*/ SUB-W:** Selects whether rear speakers or a subwoofer are connected to the line out terminals on the rear of the unit (through an external amplifier).
SP SELECT	**OFF*/ 5/4/ 6 × 9/6/ OEM:** Selects the speaker size for optimum performance.
F/W UP xx.xx	**YES*:** Starts upgrading the firmware. ; **NO:** Cancels (upgrading is not activated). For details on how to update the firmware, see: www.kenwood.com/cs/ce/

Listening to the radio
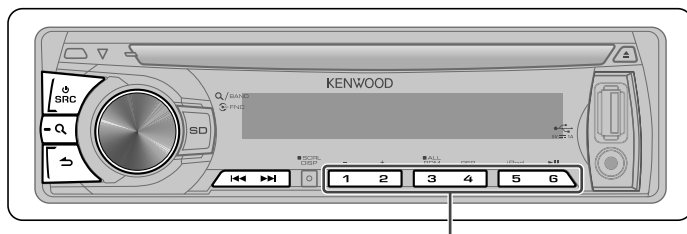
Hold for about 2 seconds to memorize the current station.
■ Press briefly to recall memorized station.

1 Press ⏻ **SRC** to select "TUNER."
2 Press 🔍 repeatedly to select a band (FM1/ FM2/ FM3/ MW/ LW).
3 Press I◄◄ / ►►I to search for a station.

Adjust [SETTINGS] mode settings

While listening to the radio...
1 Press the volume knob to enter [FUNCTION] mode.
2 Turn the volume knob to select [SETTINGS], then press to enter.
3 Turn the volume knob to make a selection, then press to confirm.
   See table below for selection.
4 Hold ⬏ to finish the procedure.

Item	Selectable setting (Preset: *)
LOCAL SEEK	ON: Searches only FM stations with good reception. ; OFF*: Cancels.
SEEK MODE	Selects the tuning mode for ⏮ / ⏭ buttons. AUTO1*: Automatically search for a station. ; AUTO2: Search in the order of the stations in the preset memory. ; MANUAL: Manually search for a station.
AUTO MEMORY	YES*: Automatically starts memorizing 6 stations with good reception. ; NO: Cancels (automatic memorizing is not activated). (Selectable only if [NORMAL] / [NORM] is selected for [PRESET TYPE].) (page 7, 8)
MONO SET	ON: Improve the FM reception (but the stereo effect may be lost). ; OFF*: Cancels (stereo effect resumes).
PTY SEARCH	Selects the available Program Type (see table below). Then, press ⏮ / ⏭ to start searching. Press the volume knob to enter PTY language selection. Turn the volume knob to select the PTY language (ENGLISH*/ FRENCH/ GERMAN), then press to confirm.
TI	ON: Allows the unit to temporarily switch to Traffic Information. ; OFF*: Cancels.
NEWS SET	00M – 90M: Sets the time for receiving the next news bulletin. ; OFF*: Cancels.
AF SET	ON*: Automatically searches for another station broadcasting the same program in the same Radio Data System network with better reception when the current reception is poor. ; OFF: Cancels.
REGIONAL	ON*: Switches to another station only in the specific region using the "AF" control. ; OFF: Cancels.
AUTO TP SEEK/ ATP SEEK	ON*: Automatically searches for a station with better reception when the traffic information's reception is poor. ; OFF: Cancels.

■ [MONO SET/ PTY SEARCH] is selectable only when the source is "FM."

■ [TI/ NEWS SET/ AF SET/ REGIONAL/ AUTO TP SEEK/ ATP SEEK] is selectable only when the source is "FM." If other playback source is selected, these settings are selectable under [TUNER SET] item. (page 15)

■ **Available Program Type** ([SPEECH] : White character item. ; [MUSIC] : Black character item) **:**

SPEECH	MUSIC	NEWS	AFFAIRS	INFO	SPORT	EDUCATE
DRAMA	CULTURE	SCIENCE	VARIED	POP M (music)	ROCK M (music)	EASY M (music)
LIGHT M (music)	CLASSICS	OTHER M (music)	WEATHER	FINANCE	CHILDREN	SOCIAL
RELIGION	PHONE IN	TRAVEL	LEISURE	JAZZ	COUNTRY	NATION M (music)
OLDIES	FOLK M (music)	DOCUMENT				

The unit will search for the Program type categorized under [SPEECH] or [MUSIC] if selected.
■ The Radio Data System feature won't work where the service is not supported by any broadcasting station.
■ If the volume is adjusted during reception of traffic information, the adjusted volume is memorized automatically. It will be applied the next time Traffic Information function is turned on.

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Listening to a disc/ USB/ SD/ iPod

Detaches the faceplate   Loading slot

Ejects the disc. ("NO DISC" appears
and "IN" indicator goes off.)

- Press to select track/file.
- Hold to fast-forwards/reverses.

Press to pause, press again
to resume playback.

Press to select previous/next folder.
• Not available if "ALL RANDOM" is selected.

USB terminal
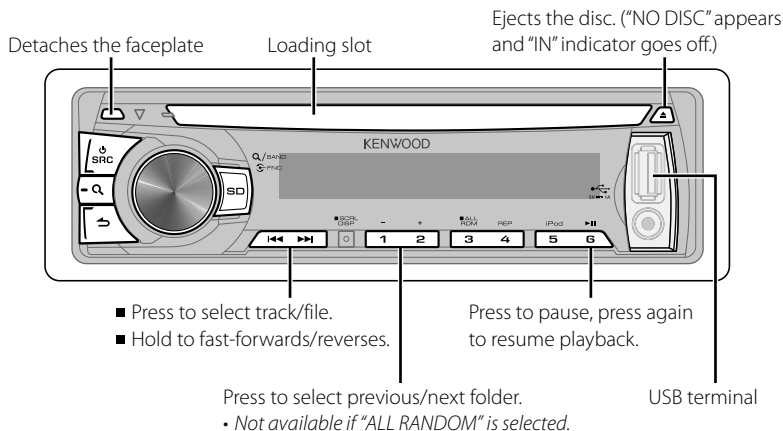
Start playing a disc

1 Press ⏻ **SRC** to turn on the power.
2 Insert a disc into the loading slot.
Playback starts automatically.

About Audio file
- Playable Audio file: AAC-LC (.m4a), MP3 (.mp3), WMA (.wma)
- Playable disc media: CD-R/RW/ROM
- Playable disc file format: ISO 9660 Level 1/2, Joliet, Romeo, Long file name.
- Playable USB device file system: FAT16, FAT32
Although the audio files are complied with the standards listed above, the playback maybe impossible depending on the types or conditions of media or device.

About USB device
- This unit can play AAC/MP3/WMA files stored on a USB mass storage class device.
- Install the USB device in the place where it will not prevent you from driving your vehicle properly.
- You cannot connect a USB device via a USB hub and Multi Card Reader.
- Make sure all important data has been backed up to avoid losing the data.
- Connecting a cable whose total length is longer than 5 m can result in abnormal playback.

Start playing a USB device or iPod

1 Press ⏻ **SRC** to turn on the power.
2 Connect a USB device or an iPod to the USB terminal.
The source automatically switches, and playback starts.

CA-U1EX (Max.: 500 mA)
(optional accessory)

USB device (commercially available)

Apple iPod
(commercially available)

KCA-iP102
(optional accessory)

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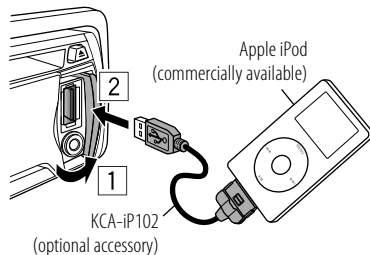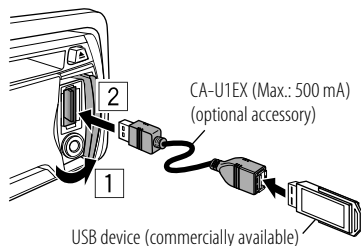
Start playing an SD card

1 Press ⏻ **SRC** to turn on the power.
2 Press the release button and detach the faceplate.
3 Insert the SD card into the SD CARD slot until it clicks. (With the label side up and the notched section on the right.)
4 Reattach the faceplate. (page 4)
5 Press ⏻ **SRC** to select "SD" to start playback.
Pressing **SD** enters "SD" source directly.

SD CARD slot

SD card (commercially available)

Removing an SD card

1 Press the release button and detach the faceplate.
2 Push the SD card until it clicks and then remove your finger from the card.
The card pops up. Remove the card by pulling it out.
3 Reattach the faceplate. (page 4)

About SD card
- This unit is capable of playback of SD/SDHC memory cards complying with the SD or SDHC standard.
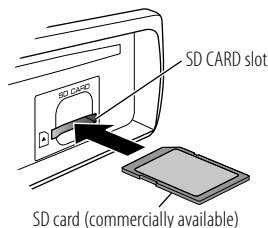SD card (≤2 GB), SDHC card (≤32 GB)
- A special adapter is required to use a miniSD card, miniSDHC card, microSD card or microSDHC card.
- The MultiMedia Card (MMC) cannot be used.
- Data recorded in the SD audio format cannot be played back.

Selecting Repeat Play

Press number button **4 (REP)** repeatedly to make a selection.

Audio CD : TRACK/ TRAC (track) REPEAT, REPEAT OFF
AAC/MP3/WMA : FILE REPEAT, FOLDER/ FOLD (folder) REPEAT, REPEAT OFF
iPod : FILE REPEAT, REPEAT OFF

Selecting Random Play

Press number button **3 (RDM)** repeatedly to make a selection.

Audio CD : DISC RANDOM, RANDOM OFF
AAC/MP3/WMA/iPod : FOLDER/ FOLD (folder) RANDOM, RANDOM OFF

- For AAC/MP3/WMA/iPod : Press and hold number button **3 (RDM)** to select "**ALL RANDOM**."
  – Applicable only if "**RANDOM OFF**" is selected initially.
  – Changes the iPod browsing item to "songs."

Selecting a folder/track/file

1 Press **Q** to enter Music Search mode.
"SEARCH" appears, then the current file name appears on the display.
2 Turn the volume knob to select a folder/ track/file, then press to confirm.

- To return to the root folder (or first track for audio CD), press number button **5 (iPod)**.
- To return to the previous folder, press ⬆.
- To cancel the Music Search mode, press and hold ⬆.
- < or > on the display indicates that preceded/next item is available.
- To skip songs, press ◄◄ / ►►. Holding ◄◄ / ►► skips songs at 10% regardless of the setting made. (page 12)
This operation is effective only for the iPod or Kenwood Music Editor Media. (page 17)

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Adjust [SETTINGS] mode settings

While listening to an iPod or Kenwood Music Editor Media...

1 Press the volume knob to enter [**FUNCTION**] mode.
2 Turn the volume knob to select [**SETTINGS**], then press to enter.
3 Turn the volume knob to select [**SKIP SEARCH**], then press to enter.
4 Turn the volume knob to make a selection, then press to confirm.
   0.5% (initial)**/ 1%/ 5%/ 10%** : Sets the ratio of skip when searching for a song in Music Search mode.
   (Holding ◄◄ / ►► skips songs at 10% regardless of the setting made.)
5 Hold ◡ to finish the procedure.

Functions of this unit with iPod

Selecting a song by alphabet

1 Press ⚲ to enter Music Search mode.
   "SEARCH" appears.
2 Turn the volume knob to select a category, then press to confirm.
3 Press ⚲ again to enter alphabet search mode.
   "SEARCH <– – –>"/ "SRCH <– – –>" appears.
4 Turn the volume knob to select the character to be searched for.
5 Press ◄◄ / ►► to move to the entry position.
   You can enter up to three characters.
6 Press the volume knob to start searching.
7 Turn the volume knob to select a folder/track/file, then press to confirm.

■ To return to the previous folder, press ◡.
■ To return to the top menu, press number button **5 (iPod)**.
■ To cancel the Alphabet Search mode, press and hold ◡.
■ A longer searching time is required if there are many songs or playlists in the iPod.
■ To search for a character other than A to Z and 0 to 9, enter only "*".
■ The article (a, an, the) of songs name will be skipped during search.

Selecting App & iPod Control Mode

   Press **5 (iPod)** to make a selection.

MODE ON: Control iPod from the iPod*.
   "APP&iPod MODE"/ "APP&iPod" appears on the display.
MODE OFF: Control iPod from the unit.
* *You can still control play/pause, select files, fast-forward/reverse files from the unit.*

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

■ For the latest compatible list and software version of iPod/iPhone, see: www.kenwood.com/cs/ce/ipod

■ If you start playback after connecting the iPod, the music that has been played by the iPod is played first. In this case, "RESUMING" is displayed without displaying a folder name, etc. Changing the browse item will display a correct title, etc.

■ You cannot operate iPod if "KENWOOD" or "✓" displayed on iPod.

Listening to the other external components

Preparation : Make sure **[ON]** is selected for **[BUILT-IN AUX] / [BUILTIN AUX]**. (page 7, 8)
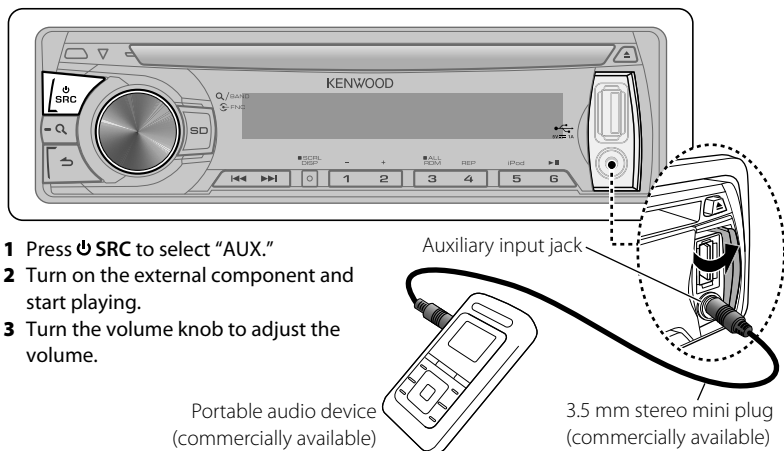
1 Press ⏻ **SRC** to select "AUX."
2 Turn on the external component and start playing.
3 Turn the volume knob to adjust the volume.

Auxiliary input jack

Portable audio device
(commercially available)

3.5 mm stereo mini plug
(commercially available)

Function settings

1 Press the volume knob to enter **[FUNCTION]** mode.
2 Turn the volume knob to select **[AUDIO CONTROL] / [AUDIO CTRL]** or **[SETTINGS]**, then press to enter.
3 Turn the volume knob to make a selection, then press to confirm.
  ▪ See table below for selection.
  ▪ Repeat step **3** until the desired item is selected/activated.
  ▪ Press ⤺ to return to the previous item.
4 Hold ⤺ to finish the procedure.

[AUDIO CONTROL] / [AUDIO CTRL] : While listening to any source except in STANDBY state...

Item	Selectable setting (Preset: *)
SUB-W LEVEL	−15 — +15 (Preset: 0): Adjusts the subwoofer output level.
BASS LEVEL	−8 — +8 (Preset: 0): Source tone memory: Adjusts the level to memorize in each source. (Before making an adjustment, select the source you want to adjust.)
MID LEVEL	
TRE LEVEL	

[AUDIO CONTROL] / [AUDIO CTRL] : While listening to any source except in STANDBY state...

Item		Selectable setting (Preset: *)
EQ PRO		
BASS ADJUST	BASS CTR FRQ/ BASS C FRQ	60/ 80/ 100 */ 200: Selects the center frequency.
	BASS LEVEL	−8 — +8 (Preset: 0): Adjusts the level.
	BASS Q FACTOR/ BASS Q FCTR	1.00 */ 1.25/ 1.50/ 2.00: Adjusts the quality factor.
	BASS EXTEND	ON: Turns on the extended bass. ; OFF *: Cancels.
MID ADJUST	MID CTR FRQ/ MID C FRQ	0.5K/ 1.0K */ 1.5K/ 2.5K: Selects the center frequency.
	MID LEVEL	−8 — +8 (Preset: 0): Adjusts the level.
	MID Q FACTOR/ MID Q FCTR	0.75/ 1.00 */ 1.25: Adjusts the quality factor.
TRE ADJUST	TRE CTR FRQ/ TRE C FRQ	10.0K/ 12.5K */ 15.0K/ 17.5K: Selects the center frequency.
	TRE LEVEL	−8 — +8 (Preset: 0): Adjusts the level.
PRESET EQ		NATURAL*/ USER/ ROCK/ POPS/ EASY/ TOP40/ JAZZ/ POWERFUL: Selects a preset sound mode suitable to the music genre. (Selects [USER] to use the customized bass, middle, and treble settings.)
BASS BOOST		B.BOOST LV1/ B.BOOST LV2/ B.BOOST LV3: Selects your preferred bass boost level. ; B.BOOST OFF*: Cancels.
LOUDNESS		LOUDNESS LV1*/ LOUD LV1*/ LOUDNESS LV2/ LOUD LV2: Selects your preferred low and high frequencies boost to produce a well-balanced sound at a low volume level. ; LOUDNESS OFF/ LOUD OFF: Cancels.
BALANCE		L15 — R15 (Preset: 0): Adjusts the left and right speaker output balance.
FADER		R15 — F15 (Preset: 0): Adjusts the rear and front speaker output balance.
SUBWOOFER SET/ SUB-W SET		ON*: Turns on the subwoofer output. ; OFF: Cancels.
DETAILED SET/ DETAIL SET		
HPF		THROUGH*: All signals are sent to the speaker. ; 100HZ/ 120HZ/ 150HZ: Frequencies lower than the specified value are cut off.
LPF SUBWOOFER/ LPF SUB-W		THROUGH*: All signals are sent to the subwoofer. ; 85HZ/ 120HZ/ 160HZ: Frequencies higher than specified value are cut off.
SUB-W PHASE		REVERSE/ REV (180°)/ NORMAL/ NORM (0°)*: Selects the phase angle 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 [LPF SUBWOOFER/ LPF SUB-W].)
SUPREME SET		ON*: Creates realistic sound by interpolating the high-frequency components that are lost in AAC/ MP3/WMA audio compression. ; OFF: Cancels. (Selectable only when playback an AAC/MP3/WMA disc or a USB device, except iPod.)
VOLUME OFFSET/ VOL OFFSET (Preset: 0)		−8 — +8 (for AUX) ; −8 — 0 (for other sources): Presets the volume adjustment level of each source. The volume level will automatically increase or decrease when you change the source. (Before making an adjustment, select the source you want to adjust.)

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[SETTINGS]

Item		Selectable setting (Preset: *)
AUX NAME SET/ AUX NAME		AUX*/ DVD/ PORTABLE/ GAME/ VIDEO/ TV: Selects the desired name for the connected component. (Selectable only if "AUX" is selected as the source.)
CLOCK		
	CLOCK ADJUST/ CLOCK ADJ	(For details, see page 7.)
	TIME SYNC	ON*: Synchronizes the Radio Data System station time data and the unit's clock. ; OFF: Cancels.
DISP & KEY (for **KDC-4754SD**)		
	COLOR SELECT	VARIABLE SCAN*/ COLOR 01 – COLOR 24/ USER: Selects your preferred key illumination color.
		You can create your own color (when [COLOR 01] — [COLOR 24] or [USER] is selected). The color you created can be selected when you select [USER]. 1. Hold the volume knob to enter the detail color adjustment mode. 2. Press ◄◄ / ►►◄ to select the color (R/ G/ B) to adjust. Turn the volume knob to adjust the level (0 — 9). 3. Press the volume knob to confirm and exit.
	DISP DIMMER	ON: Dims the display illumination. ; OFF*: Cancels.
	TEXT SCROLL	AUTO*/ ONCE: Selects to scroll the display information automatically, or scroll only once. ; OFF: Cancels.
	KEY DIMMER	DIMMER LV1: Dims the key illumination constantly. ; DIMMER LV2: Dims the key illumination darker than DIMMER LV1. ; DIMMER OFF*: Cancels.
DISPLAY (for **KDC-4654SD**)		
	DISP DIMMER	ON: Dims the display illumination. ; OFF*: Cancels.
	TEXT SCROLL	AUTO*/ ONCE: Selects to scroll the display information automatically, or scroll only once. ; OFF: Cancels.
TUNER SET		TI/ NEWS SET/ AF SET/ REGIONAL/ AUTO ATP SEEK/ ATP SEEK: Selectable only if any source other than tuner source is selected. (For details, see page 9.)

- For **KDC-4654SD** : [SUB-W LEVEL/ SUBWOOFER SET/ SUB-W SET/ LPF SUBWOOFER/ LPF SUB-W/ SUB-W PHASE] is selectable only if [SWITCH PRE] is set to [SUB-W]. (page 7, 8)
- [SUB-W LEVEL/ LPF SUBWOOFER/ LPF SUB-W/ SUB-W PHASE] is selectable only if [SUBWOOFER SET/ SUB-W SET] is set to [ON].
- [HPF] is selectable only for **KDC-4754SD** .

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Troubleshooting

Symptom	Remedy/Cause
Sound cannot be heard.	Adjust the volume to the optimum level. / Check the cords and connections.
"PROTECT" appears and no operations can be done.	Check to be sure the terminals of the speaker leads are covered with insulating tape properly, then reset the unit. If "PROTECT" does not disappear, consult your nearest service center.
Sound cannot be heard. / The unit does not turn on. / Information shown on the display is incorrect.	The connectors are dirty. Clean the connectors. (page 4)
The unit does not work at all.	Reset the unit. (page 4)
[P-OFF WAIT] does not work.	Turn off the demonstration mode. (page 7)
Radio reception is poor. / Static noise while listening to the radio.	Connect the antenna firmly. / Pull the antenna out all the way.
"IN" flashes.	The CD player is not operating properly. Reinsert the disc properly. If the condition did not improve, turn off the unit and consult your nearest service center.
CD-R/CD-RW cannot be played back and tracks cannot be skipped.	Insert a finalized CD-R/CD-RW (finalize with the component which you used for recording).
Disc sound is sometimes interrupted.	Stop playback while driving on rough roads. / Change the disc. / Check the cords and connections.
"NA FILE" appears.	The unit is playing an unsupported audio file.
"NO DISC" appears.	Insert a playable disc into the loading slot.
"TOC ERROR" appears.	The CD is quite dirty. / The CD is upside-down. / The CD is scratched a lot. Try another disc instead.
"ERROR 99" appears.	The unit is malfunctioning for some reason. Press the reset button on the unit. If the "ERROR 99" code does not disappear, consult your nearest service center.
"COPY PRO" appears.	A copy-protected file is played.
"READ ERROR" appears.	Copy the files and folders for the USB device/SD card again. If the error message is still displayed, initialize the USB device/SD card or use other USB devices/SD cards.
"NO DEVICE" appears.	No USB device is connected. Connect an USB device, and change the source to USB again. / SD card is not inserted properly. Insert an SD card, and change the source to SD again.
"NO MUSIC" appears.	The connected USB device or inserted SD card contains no playable audio file.

Symptom	Remedy/Cause
"NA DEVICE" appears.	Connect a supported USB device, and check the connections. / Check that the supported SD card is inserted.
"USB ERROR" appears.	Remove the USB device, turn the unit off, then turn it on again. If the unit still showing the same display, try to connect another USB device.
"iPod ERROR" appears.	Reconnect the iPod. / Reset the iPod.
Noise is generated.	Skip to another track or change the disc.
Tracks cannot play back as you have intended them to play.	Playback order is determined when files are recorded.
"READING" keeps flashing.	Longer readout time is required. Do not use too many hierarchies and folders.
Elapsed playing time is not correct.	This is caused by how the tracks are recorded.
The number of songs contained in "SONGS" category of this unit is different from that contained in "SONGS" category of iPod.	Podcast files are not counted in this unit as this unit does not support the playback of podcast files.
Correct characters are not displayed (e.g. album name).	This unit can only display letters (upper case), numbers, and a limited number of symbols. Cyrillic alphabets (upper case) can also be displayed if [RUSSIAN SET] is set to [ON]. (page 7, 8)

About "KENWOOD Music Editor"
- This unit supports the PC application "KENWOOD Music Editor Light ver1.1" or later.
- When you use the audio file with database information added by the "KENWOOD Music Editor Light ver1.1," you can search a file by title, album or artist name using Music Search.
- In the Instruction manual, the term "Music Editor Media" is used to mean the device that contains audio files with database information added with KENWOOD Music Editor.
- "KENWOOD Music Editor Light ver1.1" is available from the following web site: www.kenwood.com/cs/ce/
- For further information on "KENWOOD Music Editor Light ver1.1," refer to the site above or the application help.

Installation/connection

Part list:

Ⓐ Faceplate... (×1)
Ⓑ Escutcheon.. (×1)
Ⓒ Mounting sleeve.. (×1)
Ⓓ Casing for faceplate .... (×1)
Ⓔ Wiring harness.. (×1)
Ⓕ Removal tool .... (×2)

Basic procedure

1 Remove the key from the ignition switch, then disconnect the ⊖ terminal of the car battery.
2 Make proper input and output wire connections.
➡ "Wiring connection" (page 19)
3 Install the unit to your car.
➡ "Installing the unit" (page 20)
4 Reconnect the ⊖ terminal of the car battery.
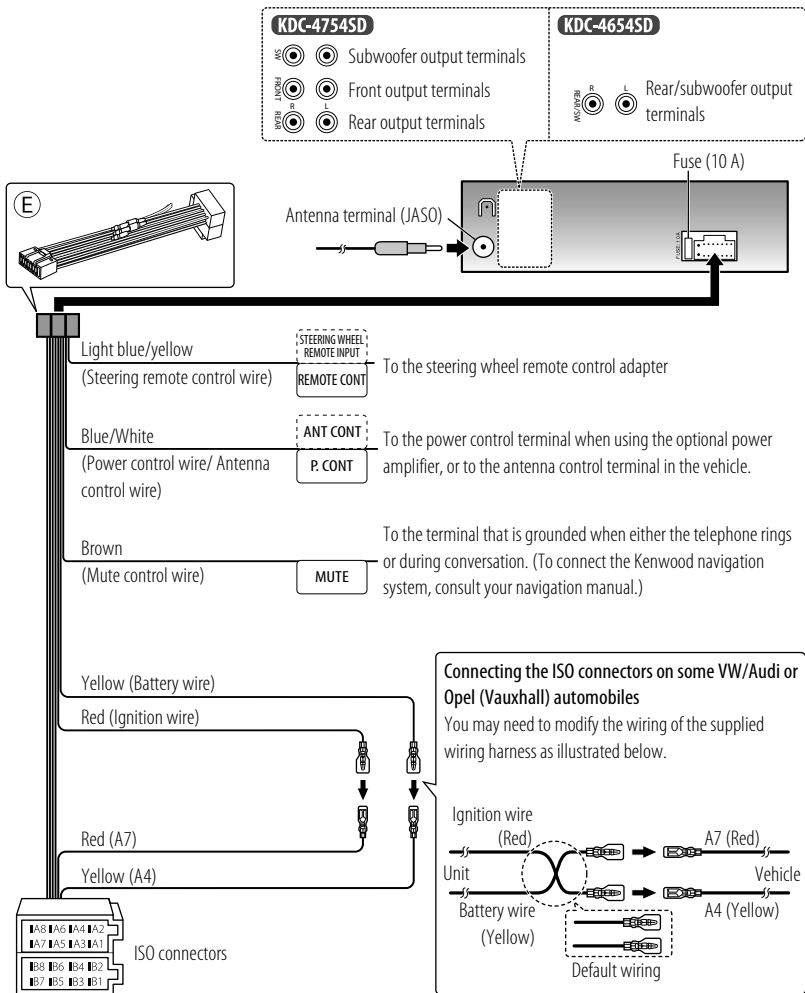**5** Reset the unit. (page 4)

Warning

■ The unit can only be installed in a car with a 12 V DC power supply, negative ground.
■ If you connect the ignition wire (red) and the battery wire (yellow) to the car chassis (ground), you may cause a short circuit, that in turn may start a fire. Always connect those wires to the power source running through the fuse box.
■ Disconnect the battery's negative terminal and make all electrical connections before installing the unit.
■ Insulate unconnected wires with vinyl tape or other similar material. To prevent a short circuit, do not remove the caps on the ends of the unconnected wires or the terminals.
■ Be sure to ground this unit to the car's chassis again after installation.

Caution

■ If your car's ignition does not have an ACC position, connect the ignition wires to a power source that can be turned on and off with the ignition key. If you connect the ignition wire to a power source with a constant voltage supply, as with battery wires, the battery may die.
■ Do not use your own screws. Use only the screws provided.
■ Install this unit in the console of your vehicle. Make sure the faceplate will not hit the lid of the console (if any) when closing and opening.
■ After the unit is installed, check whether the brake lamps, blinkers, wipers, etc. on the car are working properly.
■ Mount the unit so that the mounting angle is 30° or less.
■ If the fuse blows, first make sure the wires aren't touching to cause a short circuit, then replace the old fuse with one with the same rating.
■ Connect the speaker wires correctly to the terminals to which they correspond. The unit may be damaged or fail to work if you share the ⊖ wires or ground them to any metal part in the car.
■ When only two speakers are being connected to the system, connect the connectors either to both the front output terminals or to both the rear output terminals (do not mix front and rear).
■ Do not touch the metal part of this unit during and shortly after the use of the unit. Metal part such as the heat sink and enclosure become hot.
■ Mounting and wiring this product requires skills and experience. For safety's sake, leave this work to professionals.
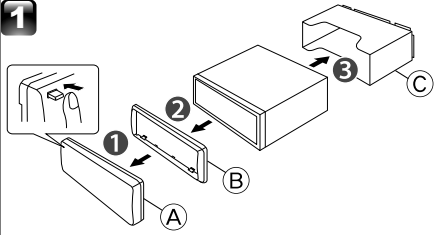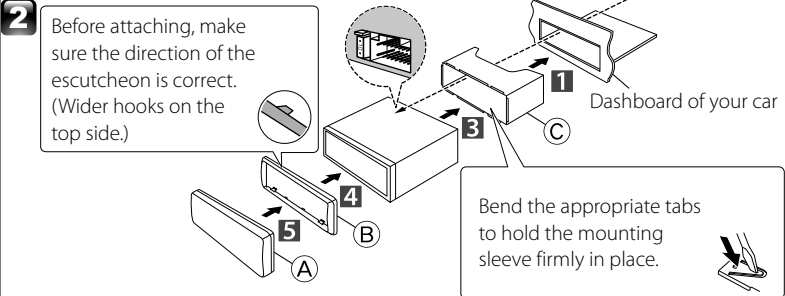If you experience problems during installation, consult your Kenwood dealer.

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Wiring connection

KDC-4754SD

SW ⊙ ⊙ Subwoofer output terminals

FRONT ⊙ ⊙ Front output terminals

REAR ⊙ ⊙ Rear output terminals

KDC-4654SD

REAR/SW ⊙ ⊙ Rear/subwoofer output terminals

Fuse (10 A)

E

Antenna terminal (JASO)

Light blue/yellow
(Steering remote control wire)

STEERING WHEEL REMOTE INPUT

REMOTE CONT — To the steering wheel remote control adapter

Blue/White
(Power control wire/ Antenna control wire)

ANT CONT

P. CONT — To the power control terminal when using the optional power amplifier, or to the antenna control terminal in the vehicle.

Brown
(Mute control wire)

MUTE — To the terminal that is grounded when either the telephone rings or during conversation. (To connect the Kenwood navigation system, consult your navigation manual.)

Yellow (Battery wire)

Red (Ignition wire)

Red (A7)

Yellow (A4)

A8 A6 A4 A2
A7 A5 A3 A1
B8 B6 B4 B2
B7 B5 B3 B1

ISO connectors

Connecting the ISO connectors on some VW/Audi or Opel (Vauxhall) automobiles
You may need to modify the wiring of the supplied wiring harness as illustrated below.

Ignition wire (Red)

Unit

Battery wire (Yellow)

A7 (Red)

Vehicle

A4 (Yellow)

Default wiring

Pin	Color and function		Pin	Color and function	
A4	Yellow	Battery	B1 / B2	Purple ⊕ / Purple/black ⊖	Rear speaker (right)
A5	Blue/White	Power control	B3 / B4	Gray ⊕ / Gray/black ⊖	Front speaker (right)
A7	Red	Ignition (ACC)	B5 / B6	White ⊕ / White/black ⊖	Front speaker (left)
A8	Black	Earth (ground) connection	B7 / B8	Green ⊕ / Green/black ⊖	Rear speaker (left)

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Installing the unit

1

**2** Connect the wiring harness to the unit. Other wiring connection has been completed earlier. (page 19)

Ⓐ Ⓑ Ⓒ

Ⓔ

2 Before attaching, make sure the direction of the escutcheon is correct. (Wider hooks on the top side.)

Dashboard of your car

Bend the appropriate tabs to hold the mounting sleeve firmly in place.

Ⓐ Ⓑ Ⓒ

Removing the unit

1 Detach the faceplate.
2 Engage the catch pin on the removal tools into the holes on both sides of the escutcheon, then pull it out.
3 Insert the removal tools deeply into the slots on each side, then follow the arrows instructions as shown on the right.

Ⓕ

Ⓑ

Ⓒ

Ⓐ

Ⓕ
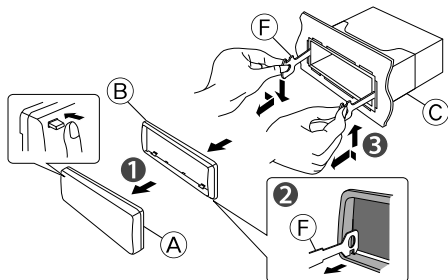
Specifications

FM tuner section

Frequency range (50 kHz space):
  87.5 MHz — 108.0 MHz
Usable sensitivity (S/N= 26 dB): 1.0 μV/75 Ω
Quieting sensitivity (DIN S/N = 46 dB): 2.5 μV/75 Ω
Frequency response (±3 dB): 30 Hz — 15 kHz
Signal-to-Noise ratio (MONO): 63 dB
Stereo separation (1 kHz): 40 dB

MW tuner section

Frequency range (9 kHz space):
  531 kHz — 1 611 kHz
Usable sensitivity (S/N= 20 dB): 36 μV

LW tuner section

Frequency range: 153 kHz — 279 kHz
Usable sensitivity (S/N = 20 dB): 57 μV

CD player section

Laser diode: GaAlAs
Digital filter (D/A): 8 Times Over Sampling
D/A converter: 24 Bit
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
AAC decode: AAC-LC ".m4a" files
MP3 decode: Compliant with MPEG-1/2 Audio
  Layer-3
WMA decode: Compliant with Windows
  Media Audio

USB interface

USB standard: USB1.1/ 2.0 (Full speed)
Maximum supply current: DC 5 V === 1 A
File system: FAT16/ 32
AAC decode: AAC-LC ".m4a" files
MP3 decode: Compliant with MPEG-1/2 Audio
  Layer-3
WMA decode: Compliant with Windows
  Media Audio

SD card section

Compatible physical format: Version 2.00
Maximum memory capacity: 32 GB
File System: FAT16/ 32
AAC decode: AAC-LC ".m4a" files
MP3 decode: Compliant with MPEG-1/2 Audio
  Layer-3
WMA decode: Compliant with Windows
  Media Audio

Audio section

Maximum output power: 50 W × 4
Output power (DIN 45324, +B = 14.4 V): 30 W × 4
Speaker impedance: 4 Ω — 8 Ω
Tone action: Bass: 100 Hz ±8 dB
               Middle: 1 kHz ±8 dB
               Treble: 12.5 kHz ±8 dB
Preout level / load (CD): 2 500 mV/10 kΩ
Preout impedance: ≤ 600 Ω

Auxiliary input section

Frequency response (±3 dB): 20 Hz — 20 kHz
Input maximum voltage: 1 200 mV
Input impedance: 10 kΩ

General

Operating voltage (11 V — 16 V allowable): 14.4 V
Maximum current consumption: 10 A
Installation size (W × H × D):
  182 mm × 53 mm × 158 mm
Weight: 1.3 kg

Subject to change without notice.