KENWOOD

DAB+ Stereo Compact Radio

CR-ST50DAB

OPERATING INSTRUCTIONS

JVCKENWOOD Corporation

Before start-up

Content

ENGLISH

2

Before switching on the power supply

IMPORTANT SAFETY INSTRUCTIONS
Attention: Read this page carefully to ensure safe operation of the device.

Read instructions carefully!
– Follow all safety and operating instructions when using this product.

Keep the instructions in a safe place!
– You should keep the safety and operating instructions for future reference.

Follow the warning instructions!
– You should strictly follow all warnings provided on the product and listed in the operating instructions.

1. Clean only with a dry cloth!
– Unplug the mains adapter of this device from the mains socket before cleaning this product. Never use liquid cleaning detergents or cleaning sprays. Use only a damp cloth for cleaning.

2. Accessories
– Use only the accessories specified by the manufacturer.

3. Do not use this device near water
– The device should never be exposed to water droplets or water splashes, such as those found near a bathtub, wash basin, kitchen sink, washing machine, wet basement or swimming pool. Never place containers filled with liquids, such as e.g. flower vases, on the device.

4. Ventilation
– Slots and openings in the housing are used to ventilate the device to ensure reliable operation of the device and to protect the device from overheating and possible autoignition. Do not block the ventilation holes. Install the device according to the manufacturer's instructions. Never block the ventilation holes by placing the device on a bed, sofa, rug, or similar soft surfaces. This device should not be installed in a bookshelf or built-in wardrobe unless adequate ventilation is ensured.

5. Power supply
– This device may only be connected to the mains voltage with the supplied mains adapter. Use this adapter for the Compact Radio CR-ST50DAB only. In any case, make sure that the local mains voltage matches the specifications on the mains adapter. If you are unsure about the type of power supply in your home, contact your specialised dealer or power company.

6. Mains adapter
– Make sure that you can not trip over the cable or that it is disconnected in the immediate vicinity of a power outlet, including auxiliary sockets. Also, at the exit from the mains adapter, the cable must not be squeezed under any circumstances.

7. Thunderstorm
– The device should be disconnected from the mains during thunderstorms and if it is not used for a long time.

8. Overload
– Never overload mains sockets, extension cords or multiple sockets, otherwise there is a risk of fire or electric shock.

9. Penetration of foreign material and liquid
– Be careful not to allow foreign material or liquid to enter this device through ventilation holes, otherwise it may come into contact with high voltage components or short circuit resulting in a fire or electric shock. Never spill liquids of any kind on this device.

10. Maintenance
– Never attempt to carry out the maintenance of this device yourself, because live parts can be exposed through the openings or by removing covers, contacting which can be hazardous. Leave all maintenance to qualified service personnel.

11. Damage requiring repair
– Maintenance and repair work should only be carried out by a qualified customer service. Maintenance/repair is required if the device has been damaged (e.g. the mains adapter) if liquid has entered the device, if objects have entered the device, if the device has been exposed to rain or moisture, when it stops working properly or has fallen down.

12. Spare Parts
– If replacement parts are required, make sure that the customer service technician uses spare parts specified by the manufacturer or that have the same characteristics as the original parts. Unauthorised parts may cause fire, electric shock or other accidents.

13. Safety test
– After completing service or repair of this device, ask the customer service technician to perform a safety test to determine if the equipment is in good working order.

14. Heat
– Do not install the device near hot surfaces, such as radiators, fan heaters, stoves or other devices (including amplifiers) that can be hot. Never place objects with open flame, such as candles or lanterns, on or near the device. The installed batteries should not be exposed to excessive heat such as direct sunlight, fire or the like.

15. Batteries
 – If you do not use the radio for a month or more, remove the batteries from the battery compartment to prevent it from leaking. Immediately dispose of leaking batteries properly and observe all legal regulations. Leaking batteries can cause injury and damage the device. Never mix batteries of different types or old and new batteries.

To minimize the risk of electric shock, fire, etc.
- do not remove screws, covers or body parts.
- the power button does not completely disconnect the power supply in any position.
To completely disconnect the device from the mains, unplug the mains adapter from the socket and remove any inserted batteries.

CAUTION:

Risk of explosion if the battery is replaced by an incorrect type;
- high or low extreme temperatures that a battery can be subjected to during use, storage or transportation;
- low air pressure at high altitude;
- replacement of a battery with an incorrect type that can defeat a safeguard (for example,in the case of some lithium battery types);
- disposal of a battery into fire or a hot oven, or mechanically crushing or cutting of a battery;
- or leaving a battery in an extremely high temperature surrounding environment that can result in an explosion or the leakage of flammable liquid or gas;
- or a battery subjected to extremely low air pressure that may result in an explosion or the leakage of flammable liquid or gas.

EU Declaration of Conformity

Hereby, JVCKENWOOD Corporation declares that the radio equipment type CR-ST50DAB complies with Directive 2014/53/EU. The full text of the EU Declaration of Conformity is available at the following Internet address:

http://www.kenwood.com/cs/eudoc/

Manufacturer:

JVCKENWOOD Corporation
3-12. Moriyacho, Kanagawa-ku, Yokohama-shi, Kanagawa 221-0022, JAPAN

Authorised Representative (EU):

JVCKENWOOD EUROPE B.V.
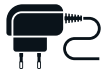Amsterdamseweg 37, 1422 AC UITHOORN, THE NETHERLANDS

Before start-up

Unpacking

Carefully unpack the device and make sure all accessories are present:

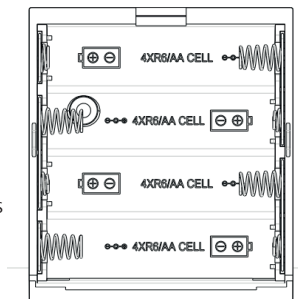**Operating instructions**   **Mains adapter**

Inserting Batteries (not included)

• Insert 4 R6 / AA / Mignon batteries into the radio, observing the correct polarity (+ and -).
• The power supply via the batteries is switched off when the power is supplied via the mains adapter.
• The batteries drain more quickly when the radio is used in a cold environment.

Connect

• Carefully unpack the device and make sure all accessories are present:
• Connect the mains adapter to the radio and to the mains socket.

DAB + / FM telescopic antenne

1. Carefully unlock the antenna on the left side of the casing.
2. Turn the antenna upwards and pull out all the elements completely.
3. Align the antenna for the best reception.

First use

When the unit is switched on for the first time, an automatic DAB+ channel search is started. Please wait until this process is completed. For more information, please refer to the section "Using the DAB+ Radios".
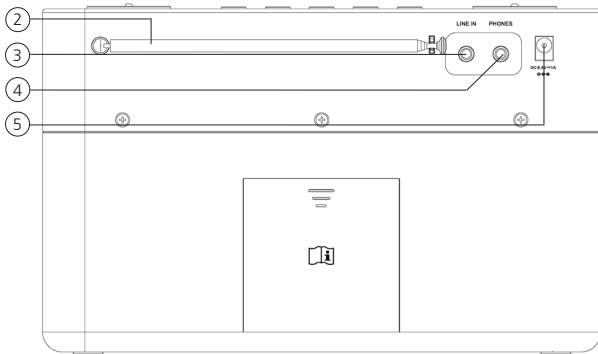
Components and functions

Control elements

Front side

1 - Display
2 - FM / DAB + antenna
3 - Line-in port
4 - Headphone port
5 - Power supply connector

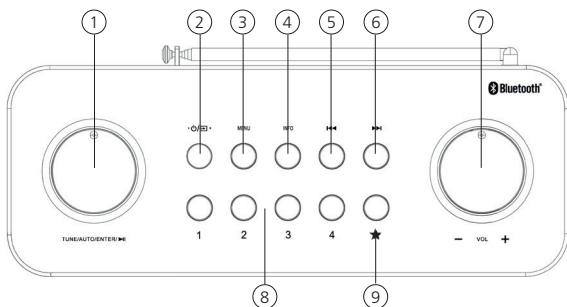**Backside**

Top view

1 - TUNE/AUTO/ENTER/▶II
2 - Standby/On/Source
3 - Menu
4 - Info
5 - Preset -
6 - Preset +
7 - Volume
8 - Station buttons (1 - 4)
9 - Memory button

Basic functions

Turn on the radio: Press the button ⟨⏻⇥⟩ on the radio.

Switching off in standby Press and hold the button ⟨⏻⇥⟩ on the radio. The display briefly shows **"Standby"** and the device switches to standby mode. The time will still be displayed.

Volume control

Turn the **"VOL"** knob to increase or decrease the volume. The selected volume is displayed graphically.

Navigate in menus

Selecting a menu item or setting numbers is done by turning the **<TUNE/AUTO/ENTER/▶II>** knob, confirm by pressing. By pressing the **<MENU>** key, the respective menu is exited again. The set values are sometimes indicated by a "*" after the menu name.

Setting the menu language

1. Turn on the radio and use the ⟨⏻⇥⟩ button to select the **FM** source.
2. Press the **<MENU>**, button, select the **"System"** menu using **<TUNE/AUTO/ENTER/▶II>** and then press the knob.
3. Use the **<TUNE/AUTO/ENTER/▶II>** knob to select the **"Language"** menu and then confirm.
4. Use the **<TUNE/AUTO/ENTER/▶II>** knob to select the desired language and press to confirm.

Setting the time

When receiving a DAB + or FM station in sufficient quality, the clock will be set automatically. Depending on the reception strength, this process may take some time. If no corresponding station is available, you can also set the time manually:

1. Turn on the radio and use the button ⟨⏻⇥⟩ to select the **FM** source.
2. Press the **<MENU>** button, select the **"System"** using the menu **<TUNE/AUTO/ENTER/▶II>** and then press the knob.
3. Use the **<TUNE/AUTO/ENTER/▶II>** keys to select the **"Time"** menu and then confirm.
4. Select **"Set Time/Date"** and confirm. Then select, set and confirm hours, minutes, day, month and year.

Additional settings in the "Time" menu

The following functions can be set in the **"Time"** menu:
"Auto Update": Setting from which source the time is automatically retrieved.
Choices: "Update from Any" / "Update from DAB" / "Update from FM" / "No update"
"Set 12/24 hours": Setting the time format.
Choices: "Set 24 hours" / "Set 12 hours"
"Set date format": Setting the date format ..
Choices: "DD-MM-YYYY" / "MM-DD-YYYY"

Setting the display illumination

The display illumination can be programmed in 3 brightness levels. The following settings can be made in the **"Backlight"** menu:

"On level": Brightness of the display when the radio is switched on.
Choices: **"High" / "Medium" / "Low"**

"Dim level": Brightness adjustment for operation and standby.
Choices: **"High" / "Medium" / "Low"**

"Timeout": Time until the display is adjusted to the lighting level in the "Dim setting".
Choices: "**On / 10 sec / 20 sec / 30 sec / 45 sec / 60 sec / 90 sec / 120 sec / 180 sec**"

"On" means that the radio always stays in the brightness level of the **"On Level".**

For adjustment, please proceed as follows:
1. Turn on the radio and use the button ⏻↦ to select the **FM** source.
2. Press the **<MENU>**, button, select the **„System"** menu using **<TUNE/AUTO/ENTER/▶II>** and then press the knob.
3. Use **<TUNE/AUTO/ENTER/▶II>** knob to select the **"Backlight"** menu and then confirm.
4. Select the functions in the individual **"On Level" / "Dim Level" / "Timeout"** menus and confirm with the **<TUNE/AUTO/ENTER/▶II>** knob.

Setting the sleep timer

The sleep timer is used to automatically turn off the radio after a preset period of time.

For adjustment, please proceed as follows:
1. Turn on the radio and confirm with the ⏻↦ button to select the **FM** source.
2. Press the **<MENU>**, button, select the **„System"** menu using **<TUNE/AUTO/ENTER/▶II>** and then press the knob.

3. Select the **"Sleep"** menu with **<TUNE/AUTO/ENTER/▶II>** and then confirm.
4. In the following menu please choose from the following options: **"Sleep off"/"15, 30, 45, 60, 90 minutes"**.
   Confirm with the **<TUNE/AUTO/ENTER/▶II>** knob.
5. The display shows **„Sxx"** in the middle line on the right, where **"xx"** stands for the remaining time until the radio is switched off. If you would like to deactivate the sleep timer, please select the time setting **"Off"**.

Setting the alarm clock

The CR-ST50DAB can be set to 2 different alarm times. Furthermore, the alarm clocks can be programmed for the following time blocks: **"Daily" / "Once" / "Weekend" / "Weekdays".**

To set the alarm time, please proceed as follows:
1. Turn on the radio and confirm with the button ⎣⏻➡⎦ to select the **FM** source.
2. Press the **<MENU>**, button, select the **„System"** menu using **<TUNE/AUTO/ENTER/▶II>** and then press the knob.
3. Select the **"Alarm"** menu with **<TUNE/AUTO/ENTER/▶II>** and then confirm.
4. **"Alarm 1 Setup"** is displayed. You can now set alarm time 1 or change to alarm time 2 with **<TUNE/AUTO/ENTER/▶II>** (**"Alarm 2 Setup"**).
5. After confirming, please perform the following steps:
   - Setting of hours and minutes (select numbers with **<TUNE/AUTO/ENTER/▶II>**, continue by confirming.
   - Setting the alarm time (15, 30, 45, 60, 90 minutes), continue by confirming.
   - Select source "**Buzzer**", "**DAB**" or "**FM**" with **<TUNE/AUTO/ENTER/▶II>**, then confirm.
   - **"Last listened"** or select other storage space and confirm.
     This item appears only when **DAB** or **FM** is selected as the source.
   - Select **"Daily" / "Once" / "Weekends" / "Weekdays"** and confirm.
   - Select the switch-on volume and confirm.
   - Select alarm clock **"On"** or **"Off"** and confirm. The alarm time is now saved and an alarm symbol appears in the upper left corner of the display.

For the setting of the 2nd alarm time proceed analogously. To delete a set alarm, select "Alarm off" in the last step.

The alarm will turn on at the specified time for the set duration. If you would like to end the alarm clock, please press the **"Standby"** button.

Using the DAB + radio

Press the button ⎣⏻➡⎦ on the radio until **"DAB"** appears in the display.

Setting the DAB + stations

During start-up of the device, a station search has already been carried out. The stations found are stored alphabetically in the station list.

Restart automatic station search

- Press the **<MENU>**button to enter the DAB menu.
  The display shows "**Full scan**". Press **<TUNE/AUTO/ENTER/▶II>** to start.
- During the search, the display will show the number of stations found so far.
- If no stations are found during the search, **"No DAB station"** will be displayed for approx. 2 seconds and then change to **"Full scan"**.
  Please check the correct orientation of the antenna or try to find another location for the device for better reception.

Manual tuning of ensembles

• Press the **<MENU>** button to enter the DAB menu.

• Turn the **<TUNE/AUTO/ENTER/▶II>** knob until **"Manual tune"** appears in the display.

• Pressing the knob confirms the function and the currently set station with the corresponding frequency is shown in the display.

• Turn the **<TUNE/AUTO/ENTER/▶II>** knob to manually select another channel.

• Press to confirm the selection. After that, the signal level is shown in the display, another press charges the current ensemble.

Selecting a DAB + station

The stations stored alphabetically in the station list can be called up as follows:

• Turn the **<TUNE/AUTO/ENTER/▶II>** knob to scroll backwards or forwards in the station list.

• When the desired station is selected, press the knob to start playback.

  The display shows **"Connecting / Playing"**

• If the reception level on the selected station is insufficient for trouble-free playback,
  "Service not available" appears in the display. In this case please select another station.

Storing stations in the preset memory

To store DAB stations for easier retrieval, 20 memory slots are available. 4 memory presets can be selected via direct selection buttons.

1. Storing on the direct selection buttons 1 - 4:

• Select a station to save

• Keep the corresponding number key pressed until **"Preset X Stored"** appears in display.

• Stored stations can be called up by briefly pressing the direct selection buttons.

2. Assignment of the memory locations 5 - 20:

• Select a station to save

• Briefly press and hold the **<*>** button until **"Preset store"** appears.

• Turn the **<TUNE/AUTO/ENTER/▶II>** knob to select a memory location.

• Pressing the knob completes the storage. **"Preset X Stored"** appears in the display.

• Stored stations can be called up by pressing **<*>**, **<TUNE/AUTO/ENTER/▶II>** and loaded by pressing the control. Alternatively, you can use the ⏭ or ⏮ keys.

Expanded DAB + information

With DAB + additional information is transmitted in addition to the music signal. These can be retrieved as follows.

Press the **<INFO>** key to retrieve the following information in succession:

- **Signal level:** Shown on the display by means of icons from left to right.
  The more icons displayed, the better the reception.
- **PTY (Program Type):** This designates the classification of the stations according to genre, e.g. Pop, News, Religion, Info, Classics, etc.
- Name of the ensemble, e.g. "**DR Germany"**
- Display of channel and frequency of the set station
- **ERR XX:** This information shows the error rate of the digital reception. This is also dependent on the signal level and can also be used to align the antenna.
- **XX K BPS:** Display of the data rate of the station e.g. 80 kBit/s. The data rate may vary from station to station.
- **DAB+:** Designates the reception mode "DAB +".
- Current time
- Current date

Menu functions DAB +

The **<MENU>** key opens a menu in which you can set various functions for DAB+. Use the **<TUNE/AUTO/ENTER/▶II>** knob to scroll through the menu. The following functions are adjustable:

- **Full scan:** Another automatic station search. Confirm the function with the
  <TUNE/AUTO/ENTER/▶II> knob.
- **Manual tune:** This allows you to manually set a specific reception channel. By pressing **<TUNE/AUTO/ENTER/▶II>** the function is confirmed and the currently set channel with the corresponding frequency is shown in the display.
- Turn the **<TUNE/AUTO/ENTER/▶II** knob to manually select another station.
- Confirm the selection. After that, the signal level is shown in the display, another press charges the current ensemble.
- **DRC (Dynamic Range Control):** If supported by the selected station, it is possible to adjust the dynamic range. Possible settings are **"Off"**, **"Low"** and **"High"**.
  Selection and confirmation are analogous to the other menu items.
- **Prune:** This deletes invalid stations from the station list. Select "**No / Yes**" with the **<TUNE/AUTO/ENTER/▶II>,** control and confirm the selection.
- **SYSTEM: Settings for sleep timer, alarm clock, time, lighting, language and factory settings**

Using the FM radio

Press the button ⟨⏻⇥⟩ until **"FM"** appears in the display.

Setting an FM station

- Turn the **<TUNE/AUTO/ENTER/▶II>** knob to set the reception frequency.
- If you hold down the **<TUNE/AUTO/ENTER/▶II>** knob for a few seconds, the automatic station search starts. All found stations are stored in the preset memory.

Usage of Radio Data System (RDS)

RDS is a broadcast system in which FM stations transmit useful information along with the actual broadcast signal. These can be extracted from the normal transmit signal and used for a number of additional functions. If an RDS signal is received, after some time the station name will be displayed instead of the frequency, and radio text will be displayed in the bottom line of the display (if supported by the station).

RDS functions

The following information can be retrieved by repeatedly pressing the **<INFO>** key:
• PTY (Program Type) - If no PTY signal is sent from the station, **"[No PTY]"** will be displayed.
• Frequency - If no RDS signal is received, **"[No Name]"** appears.
• Time - If no time signal is sent by the transmitter, "**00:00:00**" will appear.
• Date - If no date signal is sent by the station, "**01-01-2018**" appears.

In the case of insufficient reception conditions, the reception of the signals may be interrupted or not possible.

Storing stations in the preset memory

To store FM stations for easier retrieval, 20 memory slots are available. 4 memory presets can be selected via direct selection buttons.

1. Storing on the direct selection buttons 1 - 4:
• Select a station to save
• Keep the corresponding number key pressed until **"Preset X Stored"** appears in the display.
• Stored stations can be called up by briefly pressing the direct selection buttons.

2. Assignment of the memory locations 5 - 20:
• Select a station to save
• Briefly press and hold the **<*>** button until **"Preset Store"** appears.
• Select a memory location with **<TUNE/AUTO/ENTER/▶II>** .
• Press the knob to complete the storage. **"Preset X Stored"** appears in the display.
• Stored stations can be called up using the ▶▶| or |◀◀ buttons.

Menu functions FM

The **<MENU>** key opens a menu in which you can set various functions for FM. Use the **<TUNE/AUTO/ENTER/▶II>** knob to scroll through the menu. The following functions are adjustable:

• **Scan setting:** This allows you to set which stations are to be considered when searching for automatic storage. Possible settings are **"All stations"** or **"Strong stations only"**. Use the **<TUNE/AUTO/ENTER/▶II>** knob to select and confirm.
• **SYSTEM: Settings for sleep timer, alarm clock, time, lighting, language and factory settings**

Using BLUETOOTH

Press the button [⏻⏭] until **"Bluetooth"** appears in the display. If no paired device is nearby, **"Not Connected"** will flash in the display and **"Pairing"** will sound.

Pair BLUETOOTH devices

The BLUETOOTH function allows the wireless transmission of music files (audio streaming) to the system. To pair devices (such as smartphones), proceed as follows:

1. Open the pairing function on your BLUETOOTH device and search for **"CR-ST50DAB"**.
2. Select **"CR-ST50DAB"** for pairing and wait until **"Connected"** appears in the display and **"Device connected"** is heard. The pairing is now complete.
3. If your BLUETOOTH device asks for a 4-digit PIN, please enter **"0000"**.
4. The BLUETOOTH device is now stored and will automatically be paired in the future.
5. To connect another BLUETOOTH device, please repeat steps 1 - 3.

Playback via BLUETOOTH

To transfer music via audio streaming, please use a music player of your choice on the BLUETOOTH device.

The following control options are now available:
• Press **<TUNE/AUTO/ENTER/▶II>** to pause or resume playback.
• Press the [▶▶] or [◄◄] button to skip to the previous or next track.
• If you switch to another source, the BLUETOOTH connection is lost. To reconnect, go back to BLUETOOTH.

If the BLUETOOTH connection should be disconnected due to longer distances, an automatic connection will be made as soon as the distance is reduced again.

Using Line-In

Play from external components

To play music, your connect external devices such as such as MP3 players, DVD players or game consoles to the line-in port.

To select this source, press the button [⏻⏭], until the button **"Line In"** appears in the display.

Automatic energy saving function

The radio is equipped with an automatic energy saving function. This switches to standby mode after 15 minutes under the following conditions:

1.In the LINE-IN mode without music playback
2.STOP or PAUSE in LINE-IN mode
3.In BLUETOOTH mode without device connection
4.With BLUETOOTH connection without audio playback

Troubleshooting

Please check the following points in case of malfunctions:

No sound

➜ Plug in the power plug properly.
➜ Adjust the volume to the correct level.
➜ Make sure the desired source is selected.

The system does not respond at the touch of a button

➜ Unplug the AC adapter and reconnect it.

Problems with radio reception

➜ Reorient the antenna.
➜ Find a more suitable location.
➜ Other electrical appliances interfere with the reception.
➜ Location not suitable for receiving DAB + signals.

Maintenance and care

Cleaning the housing: Use a cloth lightly moistened with a mild detergent. Do not use detergents containing alcohol, ammonia or scouring agents.

Cautions on condensation

Condensation (dew) may form inside the unit if there is a significant difference between the temperature of the unit and the ambient temperature. If condensation occurs inside the unit, proper function is no longer guaranteed. In this case, you have to wait a few hours; After the moisture has dried, the device can be reused.

Special care should be taken in the following circumstances

When the unit is moved from one place to another at a much higher or lower temperature, or when the humidity at the installation site increases, etc.

Disposal

Disposal of used electrical and electronic equipment and batteries.

The crossed-out wheeled bin symbol on the product or its packaging indicates that this product must not be treated as normal household waste, but must be returned to a collection point for the recycling of electrical and electronic equipment and batteries. By helping to properly dispose of this product, you are protecting the environment and the health of your fellow human beings. Improper or incorrect disposal endangers the environment and health. For more information about the recycling of this product, please contact your local authority or your municipal waste disposal service. Attention: The **"Pb"** sign under the battery symbol indicates that this battery contains lead.

The Bluetooth ® word mark and logos are registered trademarks of Bluetooth SIG Inc. and any use of such marks by Guangzhou Changjia Electronics Co, Ltd. takes place under license. Other trademarks and trade names are those of their respective owners.

Technical data CR-ST50DAB

Power supply	AC~ voltage 100 - 240 V 50/60 Hz
DC Input	6.5 V / 1 A
Power input in standby mode	<1 watt
Tuner FM/DAB +	
DAB tuning range BAND III	174.928 MHz – 239.200 MHz
FM tuning range	87.50 MHz – 108.00 MHz
BLUETOOTH	
BLUETOOTH version	V5.0
Power class	Class 2
Output power	4dbm
Range	approx.j 10 meters (may vary depending on the environment)
Frequency range	2.402 GHz – 2.480 GHz
BLUETOOTH profile	A2DP (Advanced Audio Distribution Profile, AVRCP (Audio/Video Remote Control Profile)
Line-In	3.5 mm jack socket
Amplifier part	
Output	2 x 3 watts
Dimensions and weight	
Main unit	(W x H x D) 227 x 144 x 95 mm / 0.83 kg
Temperature range	0°C to 40°C

Warranty

Dear Customer,

Thank you for buying this Kenwood product. If, under normal conditions of use, this product should display defects in either the material or the workmanship, we will rectify these free of charge or replace the device in accordance with the below warranty conditions.

Please keep this warranty card in a safe place.

Kenwood gives a two-year warranty on this device from the date of purchase according to the invoice or sales receipt.
This warranty covers defects in material and workmanship. We reserve the right to replace the device if a repair is not economically viable. The costs of packaging and installation and the costs and risks associated with the actual repair are not included in the warranty coverage and will be billed.

Conditions

A. To make a warranty claim, the following information is required in addition to submission of this warranty card:

 (a)   Your name with complete address
 (b)   The sales receipt or invoice from a retailer domiciled in a EU country enabling the identification of the original
      purchase date.
 (c)   The complete name and address of the retailer
     where the product was purchased.
 (d)   The serial number and model designation of the product.

Kenwood reserves the right to refuse warranty coverage if the above-mentioned information is missing or if changes have been made to the product after its initial purchase.

B. At the time of delivery to the retailer, this product met all applicable standards and safety regulations in the destination country. Modifications which are required to operate the device in countries outside the destination country are not covered in the warranty conditions. Furthermore, we accept no liability for work in this connection or for damage to this product which results from such work.

If the device is used in a country for which it was not intended or manufactured, then warranty work will only be carried out if the costs of conversion of the device to the nationally applicable standards and safety regulations are borne by the user.
Moreover, if the product differs from the product distributed by the official importer and if spare parts are not available for repairing this product, the user must bear the costs fro transporting the device into and back from the country of purchase.
The same applies if no warranty coverage can be offered in the country concerned for other legitimate reasons.

C. The following are excluded from warranty coverage:
(a) Changes to the product as well as normal maintenance and adjustment work including those regular checks mentioned in the operating instructions.
(b) Damage to the product which has occurred due to poor or incorrect work if this work was undertaken by third parties who are not authorised to carry out warranty work on behalf of the manufacturer.
(c) Damage due to carelessness, accidents, changes, incorrect assembly, defective packaging, incorrect operation or the use of incorrect spare parts when repairing.
(d) Damage due to fire, water damage, lightning, earthquakes, inadequate ventilation, force majeure and connection to the wrong voltage or other causes for which Kenwood is not responsible.
(e) Damage to the speakers due to operation at a higher power output than specified. Damage to records, tapes, music and video cassettes, CDs and other objects which are not components of this product.
(f) Consumables or wearing parts which must be replaced as part of normal customer service such as pick-up systems, needles, drive belts, record-ing heads, plug-ins, audio furniture, dry cells, rechargeable batteries, power tubes etc.
(g) All products in which the serial number(s) has(have) been wholly or partly removed, changed or rendered unrecognisable.

Any person who has legally purchased the product can make a claim on this warranty.

In accordance with the above-mentioned conditions, the product will be repaired or replaced free of charge. This right in no way affect any other right of the user in the context of the applicable legal regulations.

Repair or replacement do not effect an extension of the warranty period.
All other claims, especially claims for cancellation of sale, reduction of the purchase price or damages, are barred.

Contact address:
JVCKENWOOD DEUTSCHLAND GMBH
Konrad-Adenauer-Allee 1-11, 61118 Bad Vilbel
Tel. +49 (0)6101-4988 0, www.kenwood.de