# KENWOOD

DAB+ Compact Radio

## CR-M10DAB
OPERATING INSTRUCTIONS

JVCKENWOOD Corporation

# Prior to start-up

**Contents**

# Before switching on the power supply

**IMPORTANT SAFETY INSTRUCTIONS**
**Attention:** Please read this page through carefully to ensure safe operation of this device.

**Read the instructions carefully!**
- Please follow all safety and operating instructions when putting this product into operation.

**Keep the instructions in a safe place!**
- You should retain the safety and operating instructions for later reference.

**Please observe the warning signs!**
- You should rigorously follow all the warnings indicated on the product and specified in the operating instructions.

**1. Clean with a dry cloth only!**
- Remove the plug-in power supply of this device before cleaning this product. Never use liquid cleaning agents or cleaning sprays. Use a dampened cloth only for cleaning.

**2. Accessories**
- Only use the accessories indicated by the manufacturer.

**3. Do not use this device near water**
- The device should never be exposed to water droplets or water sprays - as would occur for Never place a container filled with liquid, such as a vase of flowers, on the device.

**4. Ventilation**
- Slits and openings in the device are used for ventilating the device to ensure reliable operation of the device and to protect the device from overheating and potential spontaneous combustion. Do not block the ventilation openings. Install the device according to the manufacturer's instructions. Never block the ventilation openings, for example, by placing the device on a bed, sofa, rug or similar soft underlay. The device should not be built in to a bookcase or fitted furniture unless adequate ventilation has been assured.

**5. Power supply**
- This device may only be connected to the mains supply using the plug-in power supply unit provided. Use this adapter for the Compact Radio CR-M10DAB only. In any case ensure that the local mains supply corresponds to the specifications on the plug-in power supply unit. If you are not sure about the type of voltage supplied to your home, contact your dealer or the local energy supply company.

**6. Plug-in power supply unit**
- Take care to prevent the possibility of tripping over the cable or that it is disconnected in the immediate vicinity of a socket, including additional sockets. The cable may also on no account become crimped when leaving the plug-in power supply.

**7. Thunderstorms**
- Disconnect the device in the event of thunderstorms and if unused for an extended period.

**8. Overloading**
- Never overload the mains socket, extension cable or power strip, because otherwise there is a risk of fire or electrical shock.

**9. Ingress of foreign material and liquids**
- Take care that foreign material or liquids never enter into this device through the ventilation openings, since otherwise contact to high-voltage live components or a short circuit with the resulting fire

or electrical shock can occur. Never spill liquid of any kind onto this device.

**10. Maintenance**
- Never try to carry out maintenance on this device yourself, since when opening or removing the covers, live parts can be exposed, contact with which poses a hazard. Please entrust all maintenance work
to qualified Customer Service personnel.

**11. Damage which must be repaired**
- Have maintenance and repair work carried out by qualified Customer Service only.
Maintenance/repair is required if the device is damaged (e.g. the plug-in power supply unit), if liquid has entered into the device, if objects have penetrated into the device, if the device has been exposed to rain or moisture, if it no longer functions properly or has fallen down.

**12. Spare parts**
- If spare parts are required, make sure that the Customer Service Technician uses spare parts which are specified by the manufacturer or which have the same features as the original parts. Unauthorised spare parts can lead to fire, electrical shock or other accidents.

**13. Safety testing**
- After completion of maintenance or repair work on this device, ask the Customer Service Technician to carry out safety testing to ensure that the device is in proper working order.

**14. Heat**
- Do not install the device near hot surfaces such as radiators, fan heaters, stoves or other devices (including amplifiers) which can become hot. Never place objects with open flames, such as candles or lanterns on or near the device. The batteries which are installed may not be exposed to great heat such as direct sunlight, fire or similar.

**15. Batteries**
 - If you do not use the radio for a period of one month or longer, remove the batteries from the battery compartment to prevent leakage. Dispose of leaking batteries immediately and correctly and in compliance with all legal provisions. Leaking batteries can cause injuries and damage the device. Never combine batteries of different types or old and new batteries.

To reduce the risk of electrical shock, fire etc
- never remove any screws, covers or housing sections.
- the power switch never completely separates the power supply.
In order to completely separate the device from the current, please pull the plug-in power supply unit from the socket and remove the 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

JVCKENWOOD Corporation hereby declares that the CR-M10DAB type of radio equipment conforms with Directive 2014/53/EU. The complete text of the EU Declaration of Conformity is available under 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

## Prior to start-up

### Unpacking

Carefully unpack the device and ensure that all accessory parts are present:
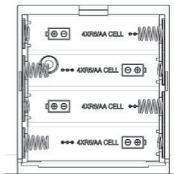
Operating instructions      Plug-in power supply unit



### Insert batteries (not supplied)

- Insert 4 R6 / AA / Mignon batteries into the radio, ensuring the correct polarity (+ and -).
- Power supply via the batteries will be shut off if power is being supplied via the plug-in power supply unit.
- Batteries will wear out sooner if they are used in cold surroundings.

### Connecting

- Carefully unpack the device and ensure that all accessory parts are present:
- Connect the plug-in power supply unit to the radio and to the mains socket.

### DAB+ / FM telescopic antenna

1. Carefully release the antenna from the lower part of the housing.
2. Rotate the antenna upwards and pull all elements out completely.
3. Align the antenna so that the best reception is obtained.

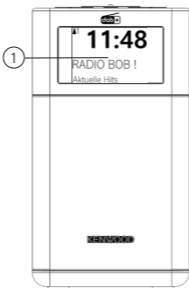### Using for the first time

When the device is used for the first time, an automatic DAB+ station scan is started. Please wait until this process has completely finished. For more information, please refer to the section "Use of the DAB+ radio".

## Components and functions

**Control elements**

**Front Panel**

**Rear Panel**
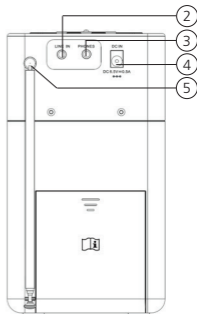
1 - Display
2 - Line-In connection
3 - Headphone connection
4 - Plug-in power supply unit connection
5 - FM / DAB antenna
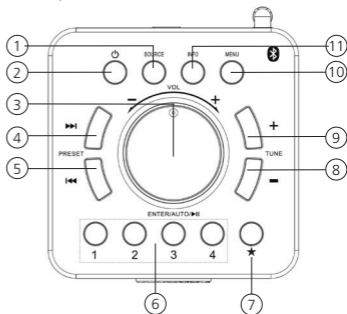
**Top View**

1 - Switching sources
2 - Standby/ On
3 - Volume/Enter/Auto/Play/Pause
4 - Storage location+ (Preset+)
5 - Storage location- (Preset-)
6 - Station buttons (1/2/3/4)
7 - Memory button
8 - Tune-
9 - Tune+
10 - Menu
11 - Info

## Basic functions

**Switching on the radio:** Press the ⏻ button on the radio

**Switching off in standby:** Press the ⏻ button on the radio. **'Standby'** will appear briefly on the display and the device switches over to standby mode. The time will continue to be displayed.

## Volume controls

Rotate the **"VOL"** control to increase or decrease the volume. The selected volume is displayed graphically.

## Navigating in the menu

To select a menu point or set numbers, use the **<TUNE+->** buttons and confirm the selection using the **"VOL"** control. Pressing the **<MENU>** button enables one to leave that particular menu. In some instances, the values set are indicated with a "*" behind the menu label.

## Setting the menu language

1. Switch the radio on and, using the **<SOURCE>** button, select the source **FM**.
2. Press the **<MENU>** button, then, using **<TUNE+/->**, select the **"System"** menu and then press the **"VOL"** control.
3. Using the **<TUNE+->** buttons, select the **"Language"** menu and then confirm.
4. Using the **<TUNE+->** buttons, select the desired language and confirm using **"VOL"**.

## Setting the time

The time is set automatically if a DAB+ or FM station is received in sufficient quality. This process can take some time, depending on the strength of reception. If no appropriate station is available, you can also set the time manually.

1. Switch the radio on and, using the **<SOURCE>** button, select the source **FM**.
2. Press the **<MENU>** button, then, using **<TUNE+/->**, select the **"System"** menu and then press the **"VOL"** control.
3. Using the **<TUNE+->** buttons, select the **"Time"** menu and then confirm.
4. Select **"Set time/date"** and confirm. Then select and confirm hours, minutes, day, month and year.

## Other 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.
Options: "Update all" / "Update DAB+ /"Update FM" /"No update"

**"Set 12/24 hour clock"**: Setting the time format.
Options: "Set 24 hr clock" / "Set 12 hr clock"

**Set date format"**: Setting the date format.
Options: DD-MM-YYYY" / "MM-DD-YYYY"

## Setting the display lighting

The display lighting can be set in 3 brightness levels. The following settings can be performed in the **"Backlight"** menu:

**"On level"**: Display brightness when the radio is switched on.
Options: **"High" / "Medium" / "Low"**

**"Dim level"**: Brightness setting for operation and standby.
Options: **"High" / "Medium" / "Low"**

**"Timeout"**: Time until the display is adjusted to the "Dim setting" lighting level.
Options: "On / 10 sec / 20 sec / 30 sec / 45 sec / 60 sec / 90 sec / 120 sec / 180 sec"
**"On"** means that the radio always stays at the **"On level"** setting brightness level.

### To set, please proceed as follows:
1. Switch the radio on and, using the **<SOURCE>** button, select the source **FM**.
2. Press the **<MENU>** button, then, using **<TUNE+/->**, select the **"System"** menu and then press the **"VOL"** control.
3. Using the **<TUNE+->** buttons, select the **"Backlight"** menu and then confirm.
4. Select the functions in the individual menus **"On level" / "Dim level" / "Time out"** and confirm using the **<VOL>** button.

## Setting the sleep timer

The sleep timer is used to switch off the radio after a preset period. To set, please proceed as follows:
1. Switch the radio on and, using the **<SOURCE>** button, select the source **FM**.
2. Press the **<MENU>** button, then, using **<TUNE+/->**, select the **"System"** menu and then press the **"VOL"** control.
3. Using the **<TUNE+->** buttons, select the **"Sleep"** menu and then confirm.
4. Please select the following options in the following menu: **"Off"/"15, 30, 45, 60, 90 minutes"**. Confirm with the **<VOL>** button.
5. In the display in the central line, on the right, the information **"Sxx"** appears, where **"xx"** shows the remaining time until the radio switches off. If you want to deactivate the sleep timer, please select the **"Off"** time setting.

## Setting the alarm

2 different alarm times can be set in the CR-M10DAB. The alarm can also be programmed for the follow-ing time blocks: **"Daily"** / **"Once"** / **"Weekends"** / **"Weekdays"**.

**To set the alarm time, please proceed as follows:**
1. Switch the radio on and, using the **<SOURCE> button,** select the source **FM**.
2. Press the **<MENU>** button, then, using **<TUNE+/->,** select the **"System"** menu and then press the **"VOL"** control.
3. Using the **<TUNE+->** buttons, select the **"Alarm"** menu and then confirm.
4. **"Alarm 1 setup"** will be displayed. You can now adjust the alarm time 1 or, using the **<TUNE+/->** button, change to alarm time 2 (**"Alarm 2 setup"**).
5. After confirming using **"VOL"**, please carry out the following steps:
   - Setting hours and minutes (select numbers using **<TUNE+/->,** advance with **"VOL"**).
   - Setting the alarm duration (select 15, 30, 45, 60, 90 minutes using **<TUNE+/->,** advance with **"VOL"**)
   - Select the source **Buzzer, DAB** or **FM** using **<TUNE+/->,** advance with **"VOL"**.
   - Select **"Last listened"** or other storage location using **<TUNE+/->** , advance with **"VOL"**). This selection will only appear, if **FM** or **DAB** was selected as a source.
   - Select **"Daily"** / **"Once"** / **"Weekends"** / **"Workdays"** using **<TUNE+/->,** advance with **"VOL"**).
   - Select switch-on volume using **<TUNE+/->,** advance with **"VOL"**).
   - Select Alarm **"On"** or **"Off"** using **<TUNE+/->,** advance with **"VOL"**). The alarm time is now saved and an alarm symbol appears on the top left of the display.

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

The alarm comes on at the set time for the set duration. If you want to end the alarm, please press the **"Standby"** button.

## Using the DAB+ radio

Press the **<SOURCE>** button on the radio until **"DAB"** appears in the display.

### Setting the DAB+ stations

A station scan was carried out when the device was put into operation. The stations detected in the process are stored alphabetically in the channel list.

### Starting the automatic station scan again:

- Press the **<MENU>** button to bring up the DAB menu.
  **"Full scan"** shows on the display. Start the scan by using the **"VOL"** button.
- During the scan, the display shows the number of stations found so far.
- If no stations are found during the scan, then **"No DAB stations"** appears on the display after approx. 2 seconds and afterwards changes to the display **"Full scan"**. Then please test that the antenna is correctly oriented or try to find a different location 1 for the device to obtain a better reception.

## Manually setting ensembles

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

• Press the **<Tune+>** button until **"Manual tune"** appears in the display.

• The function is confirmed using the **"VOL"** button and the currently set channel is shown in the display

  with its associated frequency.

• Press the **<Tune+>** button or the **<Tune->** button to manually select another channel.

• Confirm the selection using the **"VOL"** button. The signal level will then appear in the display. Press the button again to load the current ensemble.

## Selecting a DAB+ station

The stations stored alphabetically in the channel list can be brought up as follows:

• Press the **<Tune+>** or **<Tune->** buttons to browse forwards or backwards in the station list.

• When the desired station has been selected, press the **"VOL"** button to start playback.

  **"Connecting / Playing"** appears in the display

• If the reception level is not sufficient at the selected station for undisturbed playback,

  then **"Service not available"** will appear in the display. In such case please select another station.

## Saving channels in the station memory

To make searching easier, 20 storage locations are available for storing DAB stations. 4 storage locations can be selected using the one-touch buttons.

### 1. Saving to the one-touch buttons 1 - 4:

• Select a station to be saved

• Hold down the corresponding number key, until **"Preset X stored"** appears in the display.

• Saved stations can be called up by briefly pressing the one-touch buttons.

### 2. Allocation of storage locations 5 - 20:

• Select a station to be saved

• Briefly press the **<*>** button and subsequently hold it down until **"Preset store"** appears in the display.

• Press the **<Tune+>** button or the **<Tune->** button to select a storage location

• Press the **"Vol"** button to finish saving. **"Preset X stored"** appears in the display.

• Saved stations can be called up using the **<PRESET+->** buttons and loaded using **"VOL"**.

## Further DAB+ information

With DAB+, additional information is also transmitted in addition to music signals. This can be brought up as follows.

Press the <INFO> button to successively call up the following information:

- **Signal level:** This is shown by symbols appearing in the display from left to right.
  The more symbols are shown, the better the reception.
- **PTY (Programme Type):** This indicates the division of the stations into categories, e.g. pop, news, religion, info. classics, etc. Name of the ensemble, e.g. "**DR Deutschland**"
- Displaying the 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 is also used for adjusting the aerial.
- **XX K BPS:** This displays the station's data rate, e.g. 80 kBit/s. The data rate can differ from station to station.
- **DAB+:** Denotes the 'DAB+' reception type
- Current time
- Current date

## DAB+ menu functions

The <MENU> button opens a menu in which different functions for DAB+ can be set. The menu can be scrolled through using the <TUNE+-> buttons. The following functions can be set:

- **Full scan:** Renewed automatic station scan. Confirm the function by using the <VOL> button.
- **Manual tune:** Use this to set a particular reception channel manually.
- The function is confirmed using the **"VOL"** button and the currently set channel is shown in the display with its associated frequency.
- Press the <Tune+-> buttons to manually select another channel.
- Confirm the selection using the **"VOL"** button. The signal level will then appear in the display. Press the button again to load the current ensemble.
- **DRC (Dynamic Range Control):** Provided this is support by the set station, an adjustment can be made to the dynamic range. Possible settings are **"Off"**, **"Low"** and **"High"**. Selection is made using the <Tune+-> buttons and the selection is confirmed using the <Vol> button.
- **Prune:** This function deletes invalid stations from the station list. Select using the <VOL> button, select "**Yes / No**" using the <TUNE+-> buttons and confirm with <VOL>.
- **SYSTEM:** Settings for sleep timer, alarm, time, language and factory settings

## Using the FM radio

Press the <SOURCE> button until **"FM"** appears in the display.

### Setting a FM station

- Press the <TUNE +> button to increase the reception frequency.
- Press the <TUNE -> button to decrease the reception frequency.
- If you hold down the <TUNE +> or <TUNE -> buttons, an automatic station scan starts which will stop at the next detected station.
- If you press and hold the <AUTO/ENTER> button for a few seconds, the automatic Station search starts. All found stations are stored.

## Using Radio Data System (RDS)

RDS is a transmission system with which the FM station transmits other useful information along with the actual transmitter signal. These can be extracted from the normal transmitter signal and used for a range of additional functions. If an RDS signal is received, then, after some time, the station name will be displayed rather than the frequency and radio text will be displayed in the lower line of the display (if supported by the station).

## RDS functions

The following information can be called up by repeatedly pressing the **<INFO>** button:
• PTY (Program Type) – If no PTY signal is transmitted by the station then "**No PTY**" is displayed.
• Frequency - If no RDS-Signal is received then "**[No Name]**" is displayed.
• Time – If no time signal is transmitted by the station, then "**00:00:00**" is displayed.
• Date – If no date signal is transmitted by the station, then "**01-01-2018**" is displayed.

If the reception signal is inadequate, reception of the signal can be disrupted or impossible.

## Saving channels in the station memory

To make searching easier, 20 storage locations are available for storing FM stations. 4 storage locations can be selected using the one-touch buttons.

**1. Saving to the one-touch buttons 1 - 4:**
• Select a station to be saved
• Hold down the corresponding number key, until "**Preset X stored**" appears in the display.
• Saved stations can be called up by briefly pressing the one-touch buttons.

**2. Allocation of storage locations 5 - 20:**
• Select a station to be saved
• Briefly press the **<*>** button and then hold it down until "**Preset store**" appears in the display.

• Press the **<Tune+>** button or the **<Tune->** button to select a storage location.
• Press the "**Vol**" button to finish saving. "**Preset X stored**" appears in the display.
• Saved stations can be called up using the **<PRESET+->** buttons and loaded using "**VOL**".

## FM menu functions

The **<MENU>** button opens a menu in which different functions for FM can be set. The menu can be scrolled through using the **<TUNE+->** buttons. The following functions can be set:

• **Scan settings:** This allows you to set the stations that should be considered for automatic storage during the scan. Possible settings are "**All stations**" or "**Strong stations only**". Selection is made using the **<Tune+>** or **<Tune->** buttons and the selection is confirmed using the "**Vol**" button.
• **SYSTEM Settings for sleep timer, alarm, time, language and factory settings**

## Using BLUETOOTH

Press the <SOURCE> button until **"Bluetooth"** appears in the display. If there is no paired device in the vicinity, the display will blink **"Not connected"** and **"Pairing"** is heard.

### Pairing Bluetooth devices

The BLUETOOTH function allows wireless transmission of music files (audio streaming) to the system. Please use the following procedure for pairing the relevant devices (e.g. smartphones):

1. On your BLUETOOTH device open the pairing function and search for **"CR-M10DAB"**.
2. Select **"CR-M10DAB"** for pairing and wait until **"Connected"** appears in the display and **"Device connected"** is heard. Pairing is now concluded.
3. If the BLUETOOTH device requests a 4-digit PIN then please enter **"0000"**.
4. The BLUETOOTH device is now saved and will be automatically paired in future.
5. To connect another BLUETOOTH device, please repeats steps 1 - 3.

### Playback using BLUETOOTH

To transmit music by audio streaming, please use the music player of your choice on the BLUETOOTH device.

**The following control options are now available:**
• Press the **"VOL"** button to pause or continue playback
• press the ▶▶ or ◀◀ buttons to jump forward or back to the previous or next track.
• If you change to a different source the BLUETOOTH connection will be interrupted. To reconnect, change back to BLUETOOTH.

If the BLUETOOTH connection is interrupted due to greater distances, connection happens automatically as soon as the distance is reduced again.

## Using Line-In

### Playback from external components

External devices such as MP3 players, DVD players or games consoles can be used at the in-line connection to playback music.

To select this source, please press the <SOURCE> button until **"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 LINE-IN mode without music playback
2. STOP or PAUSE in LINE-IN mode
3. In BLUETOOTH mode without device connection
4. BLUETOOTH connection without audio playback

14

# Troubleshooting

In the event of malfunction please check the following points:

## No sound

➜ Plug in the mains plug correctly.
➜ Set the volume to the correct level.
➜ Make sure that the desired source is selected.

## The system does not react to button pressing

➜ Take out the main cable and reconnect it.

## Radio reception problems

➜ Re-align the antenna.
➜ Look for a more suitable location.
➜ Other electrical devices disrupt the reception.
➜ The location is not suitable for reception of DAB+ signals.

## Maintenance and care

**Cleaning the housing:** Use a cloth lightly moistened with a mild cleaning agent. Do not use any cleaning agent which contains alcohol, ammonia or abrasives.

## Cautions regarding condensation formation

Condensation (dew) can form in the interior of the device if there is a significant difference between the temperature of the device and the ambient temperature. If condensation occurs in the interior of the device, proper functioning can no longer be guaranteed. In this case, wait for a few hours; the device can be used again after the moisture has dried out.

## Special caution is advisable under the following circumstances

If the device is moved from one place to another where the temperature is significantly higher or lower or if the atmospheric humidity increases at the device's location, etc.

## Disposal

Disposal of used electrical and electronic devices and batteries.

The symbol (crossed-out wheeled bin) on the product or its packaging indicates that the product may not be treated as normal household waste but must rather be handed in at a collection point for recycling electrical and electronic devices and batteries. By playing your part in ensuring the correct disposal of this product you will be safeguarding the environment and the health of your fellow human beings. Inappropriate or incorrect disposal causes a risk to the environment and health. Further information about recycling this product can be obtained from your council or the communal waste disposal operators. Caution: The letters **"Pb"** under the symbol for batteries indicates that the battery contains lead.

The Bluetooth ® wordmark and logos are registered trademarks of Bluetooth SIG Inc. and any use of these trademarks by Guangzhou Changjia Electronics Co, Ltd. is carried out under licence. Other trademarks and tradenames are those of their respective owners.

## Technical data CR-M10DAB

| | |
|---|---|
| Power supply | 100 – 240 V AC  50/60 Hz |
| DC Input | 6.5 V / 0,5 A |
| Power input in standby mode | < 1 Watt |
| | |
| **FM/DAB+ tuner** | |
| 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. 10 metres (can differ depending on the surroundings) |
| 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** | |
| Output | 3 Watt / Mono |
| **Dimensions and weight** | |
| Main unit | (W x H x D) 90 x 164 x 97 mm / 0.47 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, recording 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**