



# JVC RD-E861B-DAB All in One Audio System Instruction Manual

[Home](#) » [JVC](#) » JVC RD-E861B-DAB All in One Audio System Instruction Manual 

## Contents

- [1 JVC RD-E861B-DAB All in One Audio System](#)
- [2 Product Information](#)
- [3 Product Usage Instructions](#)
- [4 REMOTE CONTROL BUTTONS](#)
- [5 BASIC OPERATION](#)
- [6 SPECIFICATIONS](#)
- [7 MAINTENANCE / CLEANING](#)
- [8 Documents / Resources](#)
  - [8.1 References](#)
- [9 Related Posts](#)



**JVC RD-E861B-DAB All in One Audio System**



## Product Information

The RD-E861B-DAB is a DAB+ All-in-one Audio System. It is equipped with a remote control and various control buttons for easy operation. The product features a disc tray, display, volume control, USB port, audio in socket, mode button, scan/select/tuning/skip buttons, menu button, mains cable, and DAB/FM antenna. The USB port does not support charging external devices. The product is classified as a Class 1 LASER PRODUCT and caution must be taken to avoid direct exposure to the laser beam.

## Product Usage Instructions

### Getting Started

To power the unit, connect the mains cable at the rear of the main unit to a mains socket. Ensure that the unit is not resting on top of the mains cable to avoid damage and safety hazards. Only use the provided mains cable and do not connect the unit to any other power source.

### Basic Operation

To turn on/off the unit, press the power button. The unit will automatically switch to standby mode after approximately 15 minutes of idle time. Adjust the volume by rotating the volume knob. Press the mute button on the remote control to turn off the sound. Press it again or press the use/confirm button to unmute.

### Timer Functions

To set the clock, open/close the disc tray, set the sleep timer, or set the daily timer, refer to the respective buttons on the remote control. Use the timer button to access these functions and use the appropriate buttons to adjust settings or enable/disable timers.

### Equalizer

During playback, press the EQ button on the remote control to select a desired EQ mode.

### System Reset

To perform a system reset, open the CD disc tray and press and hold the stop button on the unit until the display shows a specific symbol. After the reset, the unit will return to DAB mode and all tuned stations and FM/DAB preset stations will be erased.

### DAB Operation

To listen to DAB stations, use the tuning/skip buttons to scroll through stations or use the scan button for a full scan. Press the select button to confirm a station. Press the info button to view further information about the

station on the display.

## **INTRODUCTION**

- Thank you for buying our product.
- Please read through these operating instructions, so you will know how to operate your equipment properly.  
After you finished reading the instructions manual, put it away in a safe place for future reference.

## **DANGER**

Invisible laser radiation when open and interlock failed or defeated. Avoid direct exposure to beam.

This Product is classified as a Class 1 LASER PRODUCT. THE CLASS 1 LASER PRODUCT label is located on the rear exterior.

## **SAFETY**

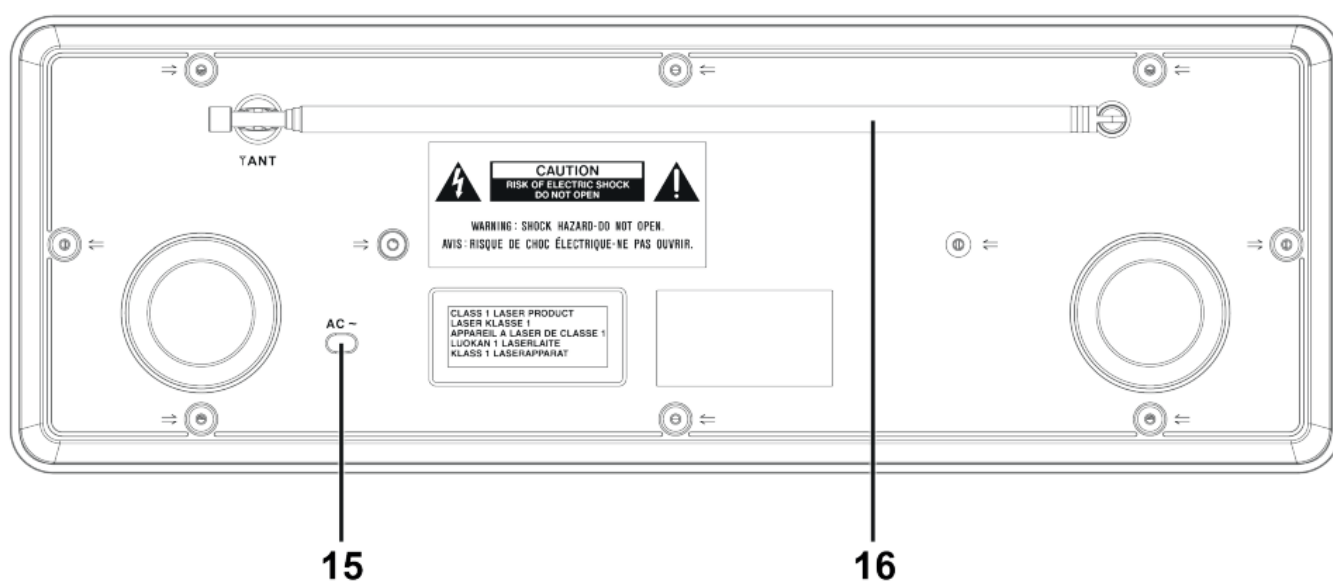
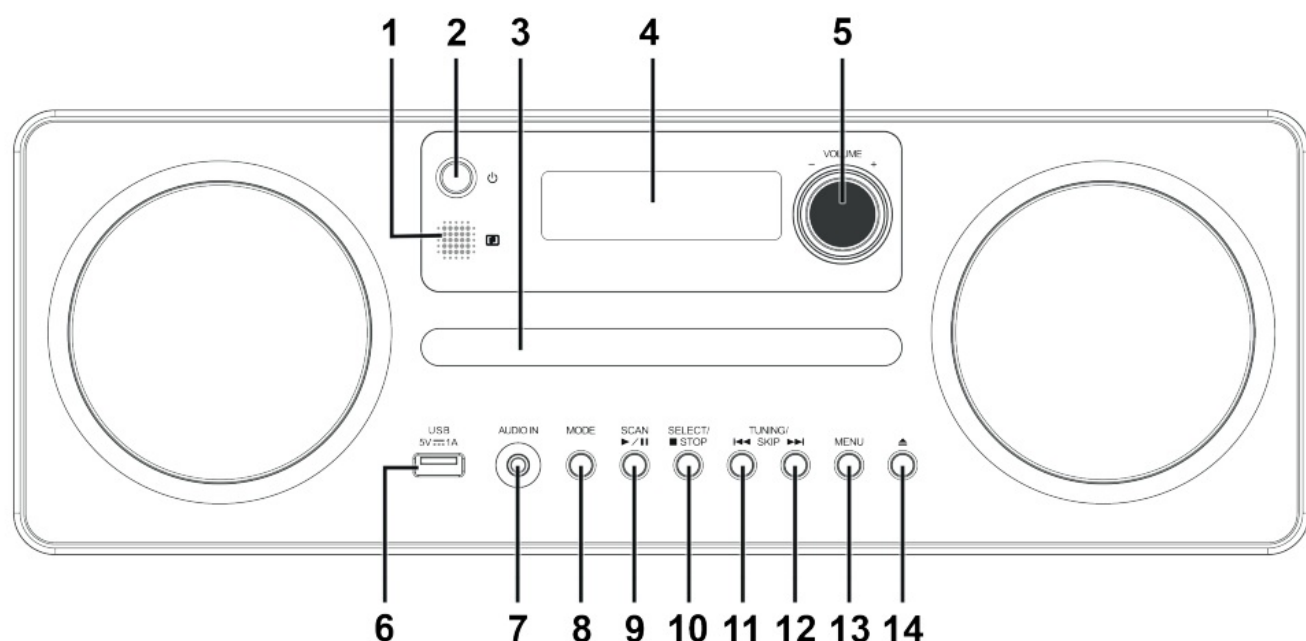
### **General**







- Do not drop the device and do not expose it to liquid, moisture or humidity. These might lead to damage to the device.
- If the device is moved from a cold environment into a warmer one, do let it adapt to the new temperature before operate the device. Otherwise, it might lead to condensation and cause malfunctions in the device.
- Do not use the device in the dust environment as dust can damage the interior electronic components and lead to malfunctions in the device.
- Protect the device from strong vibrations and place it on stable surfaces.
- Do not attempt to disassembly the device.
- If the device is not using for a long period of time, disconnect it from the power supply by unplugging the power plug. This is to avoid the risk of fire.
- The ventilation should not be impeded by covering the ventilation openings with items, such as newspapers, table-cloths, curtains, etc.
- No naked flame sources, such as lighted candles, should be placed on the apparatus.

### **Battery handling and usage**

- Only adults should handle battery. Do not allow a child to use this apparatus unless the battery cover is securely attached.
- Remove batteries if exhausted or if they will not be used again for a long period. The incorrect use of batteries can cause electrolyte leakage and will corrode the compartment or cause the batteries to burst, therefore:
  - Do not mix battery types, e.g. alkaline with zinc carbonate.
  - When inserting new batteries, replace all batteries at the same time.
- Batteries contain chemical substances, so they should be disposed of properly.








## **PRODUCT OVERVIEW AND CONTROL BUTTONS**



1. Remote Control Sensor
2.  button
3. Disk tray
4. Display
5. VOLUME control
6. USB port
7. AUDIO IN socket
8. MODE button
9. SCAN/  button
10. SELECT/  button
11. TUNING/SKIP  button
12. TUNING/SKIP  button
13. MENU button
14.  button
15. Mains Cable
16. DAB/FM antenna

**NOTE:** The USB port does not support charging external devices.

## REMOTE CONTROL BUTTONS

	Power On/Off
	Open / Close disc tray
CLOCK	Clock settings
SLEEP	Sleep timer
TIMER	Daily timer
SCAN	<b>DAB:</b> Full scan <b>FM:</b> Search for the next / previous station
INTRO	<b>CD/USB:</b> Intro playback
RANDOM	<b>CD/USB:</b> Random playback
REPEAT	<b>CD/USB:</b> Repeat playback
MODE	Mode selection (DAB, FM, CD, USB, AUX and Bluetooth)
INFO	<b>DAB/FM:</b> Display information about the station you are listening to. <b>CD/USB:</b> Display ID3 information.
SELECT	Confirm selection
	<b>CD/USB/Bluetooth:</b> Start / Pause playback
	<b>CD/USB:</b> Stop playback
	<b>CD/USB/Bluetooth:</b> Previous track <b>FM:</b> Manual search
	<b>CD/USB/Bluetooth:</b> Next track <b>FM:</b> Manual search
EQ	Select equalizer preset
PRESET	<b>DAB/FM:</b> Preset station <b>CD/USB:</b> Programmed playback
VOL +/-	Increase / Decrease volume
MENU	Enter / Exit the menu
	<b>CD/USB:</b> Next / Previous folder
MONO/ST.	<b>FM:</b> Stereo / Mono mode
MUTE	Mute / unmute

### To install the batteries

Lift off the battery compartment cover from the rear of the remote control. Insert 2 x 1,5V AAA size batteries in accordance with the diagram in the battery compartment. Take care to observe the correct polarity.

### Remote control operation

To operate the unit with the remote control, point the remote handset at the remote sensor on the front panel and press the appropriate button on the remote handset. The remote works best within a range of 4 meters from the front panel and on an angle of 60 degrees. Bright sunlight or room light conditions can interfere with the remote control. If the remote operation is unsatisfactory or stops working entirely, first try replacing the remote batteries, then try reducing the room lighting conditions.

## GETTING STARTED



## MAINS POWER

**NOTE:** Connecting the unit to any other power source may cause damage the unit. Unwind the mains cable to its full length. Connect the mains cable at the rear of the main unit to the mains socket. The unit is now connected and ready to use.

**WARNING:** Make sure the unit is not resting on top of the mains cable, as the weight of the unit may damage the mains cable and create a safety hazard. If the mains cable is damaged it must be replaced by the manufacturer, its service agent, or similarly qualified persons in order to avoid a hazard.

## BASIC OPERATION

### Powering ON/OFF







- Press  STANDBY to switch on the unit.
- Press  STANDBY again to switch the unit back to Standby mode.
- Disconnect the power cable of the mains adapter from the mains socket if you want to switch the unit off completely.

**NOTE:** When the unit is idle for approximately 15 minutes, it will automatically switch to Standby mode.

### Mode selection

Press MODE repeatedly to switch between DAB, FM, CD, USB, AUX and Bluetooth modes.

### Language

- In DAB or FM mode, press MENU to enter the menu.
- Press   to select <Jazyk> and then press SELECT  to confirm.
- Press   to select the desired language and then press SELECT  to confirm selection.

**NOTE:** The default language is Czech. Available languages are English and Polish.

### Volume

Rotate the VOLUME knob to adjust the volume.



**NOTE:** If you wish to turn the sound off, press MUTE on the remote control. Press MUTE again or press VOLUME +/- on the remote control or turn the VOLUME control on the unit to resume normal listening.

### Sleep timer

- To set the sleep timer press SLEEP on the remote control repeatedly to adjust the sleep timer (OFF, 10, 20, 30, 40, 50, 60, 70, 80, 90 minutes).
- To show the remaining time before the unit turns off automatically press SLEEP.
- To cancel the sleep timer, press SLEEP repeatedly to select <Sleep OFF>.


### Manual clock setting

**NOTE:** The clock will update automatically if you can receive a DAB+ signal in your location. In order to synchronize to the current local time make sure the unit is placed near the DAB+ signal for a short period of time.

- In Standby mode, press CLOCK on the remote control. The hour digits flash on the display.
- Press  to adjust the hour digits, then press CLOCK to confirm. The minute digits will flash on the display.
- Press  to adjust the minute digits, then press CLOCK to confirm.

### Daily timer

Set a time for the unit to turn on and off each day.

- Press and hold TIMER on the remote control to start setting.
- Set all items one by one: <On Timer>, <Off Timer>, <SOURCE>, and <VOLUME>. To set, use . To confirm, press TIMER.

To enable/disable the Daily timer, press TIMER. If the timer is on, the icon will be on the display.

### Equalizer

During playback, press EQ on the remote control to select a desired EQ mode.

### System reset


During DAB mode, open the CD Disk tray then press and hold STOP on the unit until the display shows <Restarting...FACTORY RESET>. After the unit is reset, it will return to DAB mode.

**NOTE:** After the system reset, all the tuned stations, and FM/DAB preset stations will be erased.


### PRESETS

You can store up to 30 of your favorite DAB or FM stations to the memory. This will enable you to access your favorite stations quickly and easily. To store a preset, you must first be listening to the station that you would like to save.

#### Storing to Presets 1 ~ 9

- Press and hold the number button 1 ~ 9 until the display shows <Preset # stored>. Storing to Presets 1 ~ 30
- Press and hold PRESET, the display will show <Save to P#>.
- Press  to select your desired preset station number, then press SELECT to confirm.
- The station will be stored in few seconds and the display will show <Preset # stored>. Recalling Presets 1 ~ 9
- Press the number button 1 ~ 9 to select the station you want to listen to.

#### Recalling Presets 1 ~ 30

- Press PRESET.
- Press  to select your desired preset station number. Then press SELECT to confirm.

**NOTE:** When listening to a preset station, the display shows its number <P#>.

## DAB OPERATION

**NOTE:** Extend the telescopic antenna to its full length to get the best reception, or place the unit in an open location.

If the unit is connected to the mains power and then switched on for the first time, the unit will automatically enter into the DAB mode and perform auto scan function. During the scan the display will show <Scanning...> together with a slide bar that indicates the progress of the scan and the amount of stations that have been found so far. Once the scan has finished, the unit will select the first alphanumerically found station.

To explore and listen to the found stations press   to select, then press SELECT to confirm.





### Full Scan

The Full Scan will search for the entire DAB+ Band III channels.

- To activate Full Scan, press SCAN.
- Once a full scan is complete, the radio returns to play the previously-selected station or first station on the station list.

### Manual tuning

This can help you align your antenna or add stations that are missing after a full scan.

- Press MENU to enter the menu.
- Press   to select <Manual Tune>, then press SELECT to confirm.
- Press   to cycle through the DAB channels, which are numbered from 5A to 13F.
- After your desired channel number is selected, press SELECT to confirm. The display will show the multiplex.
- Press MENU twice to exit the menu.





**NOTE:** You will not see any new radio stations or hear anything during manual tuning.

To view further information about the station you are listening to press INFO on the remote control, the display will show the following information:

- Signal Strength as slide bar to indicate the signal strength
- Program Type
- Name of the multiplex
- Frequency
- Signal Error
- Bitrate
- Time / Date
- DLS / Dynamic label segment is a scrolling message that the broadcaster may include with their transmissions. The message usually includes information, such as program details, etc.





### DRC (dynamic range compression)

If you are listening to music with a high dynamic range in a noisy environment, you may wish to compress the audio dynamic range. This makes quiet sounds louder, and loud sounds quieter.



- Press MENU to enter the menu.
- Press   to select <DRC>, then press SELECT to confirm.
- Press   to select <off> / <high> / <low>, then press SELECT to confirm.

### Prune Invalid

You may remove all unavailable stations from the list.

- Press MENU to enter the menu.
- Press   to select <Prune>, then press SELECT to confirm.
- Press   to select <Yes> to confirm the removal, or select <No> to cancel, then press SELECT to confirm.

### Software information

- Press MENU to enter the menu.
- Press   to select <SW version>.
- Press SELECT to display the software version.
- Press MENU to exit the menu.

## FM OPERATION

**NOTE:** Extend the telescopic antenna to its full length to get the best reception, or place the unit in an open location.

### Auto Scan

- Press SCAN to search for the next station.
- Press and hold SCAN to search for the previous station.

**NOTE:** The search may not stop at a station with a very weak signal.

### Manual Scan

To search for FM stations manually, press / repeatedly until your desired frequency is reached.

**NOTE:** Each press will increase/decrease the frequency by 0,05 MHz. If reception is poor, adjust the position of the aerial or try moving the radio to another location.

### FM Display (Info.)





To view further information about the station you are listening to press INFO on the remote control, the display will show the following information:

- Radio Text
- Program Type
- Frequency
- Audio Type

- Time / Date





### Scan Setting

This is a scan setting to search all stations, or just search stations with a strong signal.

- Press MENU to enter the menu.
- Press   to select <Scan Setting>, then press SELECT to confirm.
- Press   to select <Strong Stations Only> or <All Stations>, then press SELECT to confirm.

### Audio settings

This unit will automatically switch between stereo and mono mode, but you can override this and toggle this function manually. This can be helpful when receiving poor signal reception.



- Press MENU to enter the menu.
- Press   to select <Audio Setting>, then press SELECT to confirm.
- Press   to select <Stereo Allowed> or <Forced Mono>, then press SELECT to confirm.

### Audio mode

Press MONO/ST. on the remote control to toggle between the Stereo or Mono modes.

### CD / CD-MP3









**NOTE:** The unit can play digital audio CD / CD-MP3 discs: finalized digital audio CD-Recordable (CD-R) discs, finalized digital audio CD-Rewritable (CD-RW) discs, and CD-DA format digital audio discs.

- In CD mode, press  to open the disc tray.
- Place the CD with the label side up into the CD compartment, and then press  to close the disc tray. The display shows the total number of folders\*/tracks.

**NOTE:** If there is no disc or the disc can't be read, <NO DISC> or <Unknown Disc> will show on the display.

- The playback starts automatically. If not press .
- To view the ID3 info, press INFO on the remote control.

### Playback






- Press  to play/pause the playback.
- Press   to skip to the previous/next track.
- Press and hold   to fast forward/rewind.
- Press   to select a folder.
- Press  to stop the playback.

### Playback modes

- **Repeat playback:** Press REPEAT on the remote control repeatedly to select one of the modes: <REP\_ONE> the current track will be played repeatedly / <REP\_ALBUM>\* the current folder will be played repeatedly / <REP\_ALL> all tracks will be played repeatedly.
- **Random playback:** Press RANDOM on the remote control to play all tracks in random order. <RANDOM> will show on the display.
- **Intro playback:** Press INTRO on the remote control to play the beginnings (10s) of each track. <INTRO> will show on the display.

### Programmed playback

Up to 32 CD tracks or 64 MP3 tracks can be stored in the memory in any order. Programming is possible in STOP mode only.

- Press PRESET to enter programming mode. <MEMORY> will show on the display.
- To add the first track <P1> (Position 1) to the list, follow these steps:
  - Press  /  to select a folder <F001>\* (Folder 1), then press PRESET to confirm.
  - Press  /  to select a track <T001> (Track 1), then press PRESET to confirm.
- Repeat the previous steps to add more tracks. Once it is completed, press to start the playback of the programmed tracks.
- Press  twice to cancel the programmed playback.
  - These options are available only for CD-MP3 discs that contain more than one folder.

### COMPACT DISC MAINTENANCE

Always use a compact disc bearing the mark as shown.

### Notes on handling discs


- Removing the disc from its storage case and loading it.
- Do not touch the reflective recorded surface.
- Do not stick paper or write anything on the surface.
- Do not bend the disc.

### Storage

- Store the disc in its case.
- DO not expose discs to direct sunlight or high temperatures, high humidity or dusty places. Cleaning a disc
- Should the disc become soiled, wipe off dust, dirt and fingerprints with a soft cloth.
- The disc should be cleaned from the center to the edge.
- Never use benzene, thinners, record cleaner fluid or anti-static spray.
- Be sure to close the CD door, so the lens is not contaminated by dust.
- Do not touch the lens.

### USB

**NOTE:** The device supports USB drives (FAT32) with up to 32 GB of memory. Only support MP3 audio format. Do not use any USB extension cable for connecting the USB drive. The unit may not be compatible with all USB drives, this is not an indication of a problem with the unit.

- In USB mode, insert a USB drive into the USB port. The display shows the total number of folders/tracks.
- The playback starts automatically. If not press .
- To view the ID3 info, press INFO on the remote control.

### **Playback / Playback modes / Programmed playback**

All playback features are the same as MP3-CD, see section above.

### **AUX**

This unit provides AUDIO IN socket, through this 3,5 mm jack external audio sources can be connected to this unit and be amplified.

- In AUX mode, connect your device with a cable (not included) to the AUDIO IN socket.
- Adjust the volume to your desired level.

**NOTE:** When using an external device, all playback features can only be controlled by the external device.



### **4-hour playback**

If the unit is in AUX mode for more than 4 hours, it will automatically switch to standby mode. 10 minutes before entering standby, <AUTO-OFF> will flash on the display. To cancel the auto-off function press INTRO.

### **BLUETOOTH**

- In Bluetooth mode, <BT LINK> will flash on the display. This means the unit is not paired with any Bluetooth device.
- Activate Bluetooth of mobile phone and search for device name RD-E861B-DAB then connect it. If the pairing is successful, <BT LINK> will be solid on the display.

### **Playback**

- Adjust the volume to your desired level.
- Press  to play/pause the playback.
- Press  to skip to the previous/next track.

**NOTE:** The operational range between the unit and the device is approximately 8 meters. If the signal strength is weak, your Bluetooth receiver may disconnect, but it will re-enter pairing mode automatically. For better signal reception, remove any obstacles between the unit and the Bluetooth device. Compatibility with all devices and media types is not guaranteed. Some mobile phones with Bluetooth functions may connect and disconnect as you make and end calls. This is not an indication of a problem with the unit.

## **SPECIFICATIONS**

### **GENERAL**

- **Power Supply:** AC 100 ~ 240 V; 50/60 Hz
- **Power consumption:** < 32 W
- **Standby Power consumption:** < 1 W
- **Weight Approx.:** 2,6 kg

- **Dimensions:** 350 x 120 X 210 mm
- **Operation temperature:** +5°C ~ +35°C

## **RADIO SECTION**

- **FM Frequency Range:** 87,5 – 108 MHz
- **DAB+ Frequency Range:** 174 – 240 MHz
- **Presets DAB:** + 30 / FM 30

## **CD SECTION**

- **Frequency Response:** 20 Hz – 20 kHz

## **BLUETOOTH SECTION**

- **Bluetooth:** V 5.0 – Supports A2DP, AVRCP profiles
- **BT Frequency Range:** 2402 – 2480 MHz
- **EIRP:** 4 dBm

## **AUDIO SECTION**

- **Power output:** 2 x 5 Watts RMS

WE RESERVE THE RIGHT TO CHANGE TECHNICAL SPECIFICATIONS.

## **PACKAGE CONTENTS**

DAB+ All-in-one Audio System, Remote Control, User manual

## **MAINTENANCE / CLEANING**

- Ensure the unit is fully unplugged from the mains socket before cleaning.
- Never use any harsh or strong solvents to clean the device since these may damage the surface of the device.  
Dry, soft cloth is appropriate, however, if the device is extremely dirty, it may be wiped off with a slightly moist cloth. Make sure the device is dried off after cleaning.

When you are necessary to ship the device, store it in its original package. Save the package for this purpose.

**WARNING:** DO NOT USE THIS PRODUCT NEAR WATER, IN WET AREAS TO AVOID FIRE OR INJURY OF ELECTRIC CURRENT. ALWAYS TURN OFF THE PRODUCT WHEN YOU DON'T USE IT OR BEFORE A REVISION. THERE AREN'T ANY PARTS IN THIS APPLIANCE WHICH ARE REPARABLE BY CONSUMER. ALWAYS APPEAL TO A QUALIFIED AUTHORIZED SERVICE. THE PRODUCT IS UNDER A DANGEROUS TENTION.

TO AVOID DANGER OF SUFFOCATION, KEEP THE PLASTIC BAG AWAY FROM BABIES AND CHILDREN. DO NOT USE THIS BAG IN CRIBS, BEDS, CARRIAGES OR PLAYPENS. THIS BAG IS NOT A TOY.

## **Disposal of old Electrical & Electronic Equipment**

(Applicable in the European Union and other European countries with separate collection systems)


This symbol on the product or on its packaging indicates that this product shall not be treated as household waste. Instead it shall be handed over to the applicable collection point for the recycling of electrical and electronic equipment. By ensuring this product is disposed of correctly, you will help prevent potential negative consequences for the environment and human health, which could otherwise be caused by inappropriate waste handling of this product. The recycling of materials will help to conserve natural resources. For more detailed information about recycling of this product, please contact your local Civic Office, your household waste disposal service or the shop where you purchased the product.

The Bluetooth® word mark and logos are registered trademarks owned by Bluetooth SIG, Inc. and any use of such marks by Shenzhen Badam technology co.,LTD is under license. Other trademarks and trade names are those of their respective owners.

Hereby, ETA a.s. declares that the radio equipment type RD-E861B-DAB is in compliance with Directive 2014/53/EU. The full text of the EU declaration of conformity is available at the following internet address:  
[www.JVCAUDIO.cz/doc](http://www.JVCAUDIO.cz/doc)

This product is manufactured and distributed exclusively by ETA a.s., serviced and warranted by its designated partner. "JVC" is the trademark of JVCKENWOOD Corporation, used by such company under license.

## Documents / Resources

	<p><a href="#">JVC RD-E861B-DAB All in One Audio System</a> [pdf] Instruction Manual RD-E861B-DAB All in One Audio System, RD-E861B-DAB, All in One Audio System, Audio System</p>
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## References

- [JVC AUDIO | jvcaudio.bg](#)
- [JVC AUDIO | jvcaudio.pl](#)
- [JVC AUDIO | jvcaudio.ro](#)
- [User Manual](#)

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