

# JVC TH-E431B 2.1-Channel Soundbar with Built-In Subwoofer **Instruction Manual**

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## 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.

# **IMPORTANT SAFETY INSTRUCTIONS**



# **RISK OF ELECTRICSHOCK DO NOT OPEN**

**Caution:** To reduce the risk of electric shock, Do not remove cover (OR BACK). NO user – serviceable parts inside. refer servicing to qualified service personnel.

The lightning flash with arrowhead symbol, within an equilateral triangle, is intended to alert the user to the presence of uninsulated "dangerous voltage" within the product's enclosure that may be of sufficient magnitude as to constitute a risk of electric shock to persons.

The exclamation point within an equilateral triangle is intended to aler t the user to the presence of important operating and maintenance (servicing) instructions in the literature accompanying the appliance.

# Safety instruction

- Read these instructions All the safety and operating instructions should be read before this product is operated.
- Keep these instructions The safety and operating instructions should be retained for future reference.
- Heed all warnings All warnings on the appliance and in the operating instructions should be adhered to.
- Follow all instructions All operating and usage instructions should be followed.
- Do not use this apparatus near water The appliance should not be used near water or moisture for example, in a wet basement or near a swimming pool and the like.
- Clean only with a dry cloth.
- Do not block any ventilation openings. Install in accordance with the manufacturer's instructions.
- Do not install near any heat sources such as radiators, heaters, stoves, or other apparatus (including amplifiers) that produce heat.
- Do not defeat the safety purpose of the polarized or grounding plug. A polarized plug has two blades with one wider than the other. A grounding plug has two blades and a third grounding prong. The wide blade or the third prong is provided for your safety. If the provided plug does not fit into your outlet, consult an electrician for replacement of the obsolete outlet.
- Protect the power cord from being walked on or pinched particularly at plugs, convenience receptacles, and the point where they exit from the apparatus.
- Only use attachments/accessories specified by the manufacturer.
- Use only with the cart, stand, tripod, bracket or table specified by the manufacturer, or sold with the apparatus. When a cart or rack is used, use caution when moving the cart/apparatus combination to avoid injury from tip-over.
- Unplug the apparatus during lightning storms or when unused for long periods of time.
- Refer all servicing to qualified personnel. Servicing is required when the apparatus has been damaged in any way, such as power supply cord or plug is damaged, liquid has been spilled or objects have fallen into the apparatus, the unit has been exposed to rain or moisture, does not operate normally, or has been dropped.
- This equipment is a Class II or double insulated electrical appliance. It has been designed in such a way that it does not require a safety connection to electrical earth.
- The apparatus shall not be exposed to dripping or splashing. No objects filled with liquids, such as vases, shall be placed on the apparatus.
- Minimum distance around the apparatus for sufficient ventilation is 5cm.
- The ventilation should not be impeded by covering the ventilation openings with items, such as news papers, table-cloths, curtains, etc...
- No naked flame sources, such as lighted candles, should be placed on the apparatus.
- Batteries should be recycled or disposed of as per state and local guidelines.
- The use of apparatus in moderate climates.

#### Caution

- Use of controls or adjustments or performance of procedures other than those described herein, may result in hazardous radiation exposure or other unsafe operation.
- To reduce the risk of fire or electric shock, do not expose this apparatus to rain or moisture.
   The apparatus must not be exposed to dripping or splashing and objects filled with liquids, such as vases, must not be placed on apparatus.
- The mains plug/appliance coupler is used as the disconnect device, the disconnect device must remain readily operable.
- Danger of explosion if battery is incorrectly replaced. Replace only with the same or equivalent type.

# Warning

- The battery (batteries or battery pack) shall not be exposed to excessive heat such as sunshine, fire or the like.
- Before operating this system, check the voltage of this system to see if it is identical to the voltage of your local power supply.
- Do not place this unit close to strong magnetic fields.
- Do not place this unit on the amplifier or receiver.
- If any solid object or liquid falls into the system, unplug the system and have it checked by qualified personnel before operating it any further.
- Do not attempt to clean the unit with chemical solvents as this may damage the finish. Use a clean, dry or slightly damp cloth.
- When removing the power plug from the wall outlet, always pull directly on the plug, never yank on the cord.
- Changes or modifications to this unit not expressly approved by the party responsible for compliance will void the user's authority to operate the equipment.
- The rating label is pasted on the bottom or back of the equipment.

#### **Battery usage CAUTION**

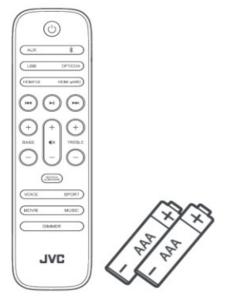
To prevent battery leakage which may result in bodily injury, property damage, or damage to the apparatus:

- Install all batteries correctly, and as marked on the apparatus.
- · Do not mix old and new batteries.
- Do not mix alkaline, standard (Carbon-Zinc) or rechargeable (Ni-Cd, Ni- MH, etc.) batteries.
- Remove batteries when the unit is not used for a long time.

#### WHAT'S IN THE BOX

•	Soundbar			
				Diffullmen

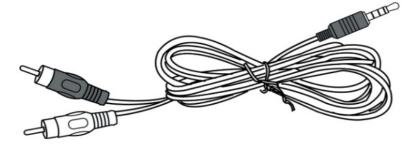
• Remote Control 2 x AAA Batteries



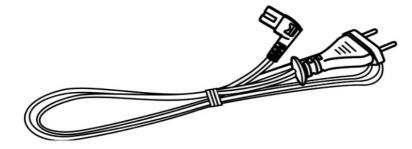
• Instruction Manual



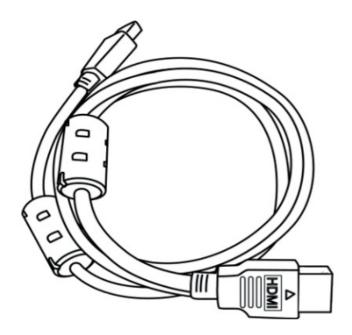
• RCA to 3,5 mm Audio Cable



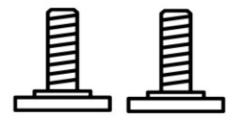
• AC Power Cord



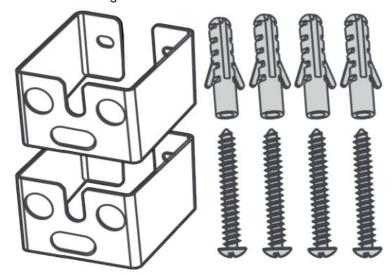
• HDMI Cable



• 2 x Wall Mounting Screw



• 2 x Wall Mounting Bracket 4 x Screw / 4 x Dowel

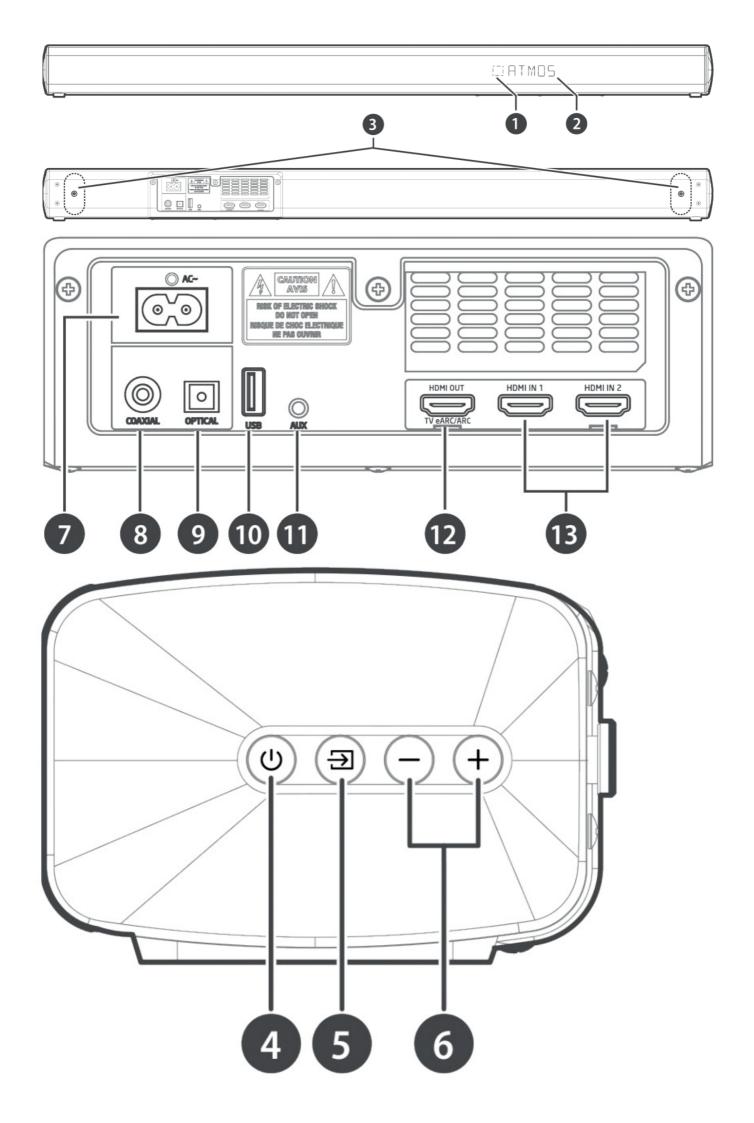


(For installing the wall mounting brackets)

**NOTE:** Images, illustrations and drawings shown on this User Manual are for reference only, actual product may vary in appearance. Power cord quantity and plug type vary by regions.

# **IDENTIFYING THE PARTS**

SOUNDBAR



#### 1. Remote Control

Sensor Receive signal from the remote control.

# 2. Display Window

Show the current status.

3. Wall bracket screws



Switch the Soundbar between ON and Standby mode.

5. (SOURCE) button

Select the play function.

6. +/- (VOLUME) buttons

Increase/decrease the volume level.

7. AC~ Socket

Use to connect to power cable.

8. COAXIAL Socket

Use to connect to the COAXIAL OUT socket on an external device.

9. OPTICAL Socket

Use to connect to the OPTICAL OUT socket on an external device.

10. USB Socket

Insert the USB device to play music.

11. AUX Socket

Connect to an external audio device.

12. HDMI OUT (TV eARC/ARC) Socket

The port for connecting a TV. The port supports the eARC/ARC HDMI feature, which allows the sound bar to play audio that originates on the connected TV.

13. HDMI IN (1/2) Sockets

Two HDMI ports for connecting HDMI source devices, such as a DVD player, Blu-ray Disc™ player, or gaming console. Note that only one HDMI input is usable at a time.

## REMOTE CONTROL

# 1. button

Switch the Soundbar between ON and STANDBY mode.

# **SOURCE** buttons

Press to select the source.

Press and hold to activate the pairing function in Bluetooth mode or disconnect the existing paired Bluetooth device.

# 

Skip to previous/next track in Bluetooth/USB mode. button Play/pause/resume playback in Bluetooth/USB mode.

3. BASS +/- buttons

Adjust bass level.

#### 4. TREBLE +/- buttons

Adjust treble level.

5. MX (MUTE) button

Mute or resume the sound.

+/- (VOLUME) buttons

Increase/decrease the volume level.

6. VERTICAL/SURROUND button

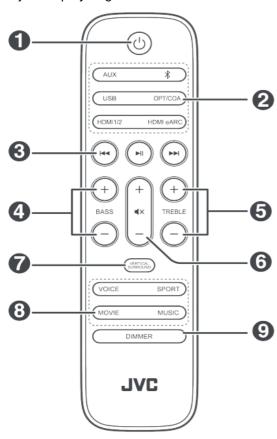
Adjust the surround ON/OFF.

7. EQ buttons

Select Equalizer (EQ) Effect.

8. DIMMER button

Adjust display brightness.



# **Prepare the Remote Control**

The provided remote control allows the Soundbar to be operated from a distance.

- Even if the remote control is operated within the effective range 6m (19,7 feet), remote control operation may be impossible if there are any obstacles between the Soundbar and the remote control.
- If the remote control is operated near other products which generate infrared rays, or if other remote control devices using infrared rays are used near the Soundbar, it may operate incorrectly. Conversely, the other products may operate incorrectly.

# **Replace the Remote Control Battery**

Press and slide the back cover to open the battery compartment of the remote control.







- Insert two AAA size batteries (included). Make sure the and ends of the batteries match the ends indicated in the battery compartment.
- Close the battery compartment cover.

## **Precautions Concerning Batteries**

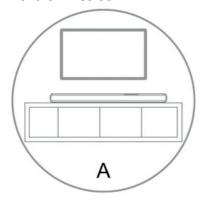
- Be sure to insert the batteries with correct positive and negative polarities.
- Use batteries of the same type. Never use different types of batteries together.
- Either rechargeable or non-rechargeable batteries can be used. Refer to the precautions on their labels.
- Be aware of your fingernails when removing the battery cover and the battery.
- Do not drop the remote control.
- Do not allow anything to impact the remote control.
- Do not spill water or any liquid on the remote control.
- Do not place the remote control on a wet object.
- Do not place the remote control under direct sunlight or near sources of excessive heat.
- Remove the battery from the remote control when not in use for a long period of time, as corrosion or battery leakage may occur and result in physical injury, and/or property damage, and/or fire.
- Do not use any batteries other than those specified.
- Do not mix new batteries with old ones.
- Never recharge a battery unless it is confirmed to be a rechargeable type.

## PLACEMENT AND MOUNTING

## **Placement**

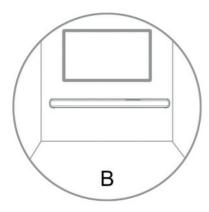
# **Option A**

If your TV is placed on a table, you can place the Soundbar on the table directly in front of the TV stand, centered with the TV screen.



## **Option B**

If your TV is attached to a wall, you can mount the Soundbar on the wall directly below the TV screen.

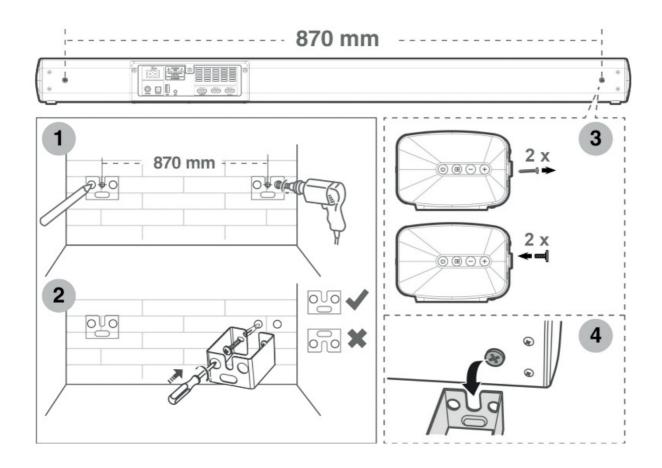


# Wall Mounting (if using Option B)

- Installation must be carried out by qualified personnel only. Incorrect assembly can result in severe personal injury and property damage (if you intend to install this product yourself, you must check for installations such as electrical wiring and plumbing that may be buried inside the wall). It is the installer's responsibility to verify that the wall will safely support the total load of the Soundbar and wall brackets.
- Additional tools (not included) are required for the installation.
- Do not overtighten screws.
- Keep this instruction manual for future reference.
- Use an electronic stud finder to check the wall type before drilling and mounting.

#### **WARNING**

- To prevent injury, this apparatus must be securely attached to the floor/wall in accordance with the installation instructions.
- Suggested wall mounting height: ≤ 1,5 meters.
- 1. Drill 4 parallel holes (Ø 5,5-6 mm eachaccording to wall type) in the wall. The distance between the holes should be 870 mm.
- 2. Firmly fix 1 dowel into each hole in the wall if necessary. Tighten the wall mount brackets on the wall with screws and screwdriver (not included). Make sure that they are securely installed.
- 3. Remove the screws at the back of the Soundbar. Install the wall mounting screws into the back of the Soundbar.
- 4. Lift the Soundbar onto the wall mount brackets and slot into place.

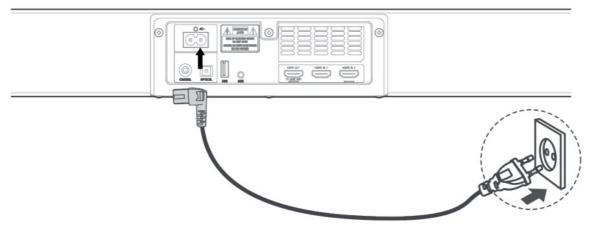


# **GENERAL OPERATION**

## **CONNECT POWER**

**Risk of product damage!** Ensure that the power supply voltage corresponds to the voltage printed on the back or the underside of the Soundbar.

Before connecting the AC power cord, ensure you have completed all other connections.



Connect the mains cable to the AC~ socket of the Soundbar and then into a mains socket.

**Note:** If there is no power, ensure the power cord and plug are fully inserted and the power is turned on.

## STANDBY/ON

When you first connect the Soundbar to the mains socket, the Soundbar will be in Standby mode.

- Press the  $\upsilon$  button on the Soundbar or on the remote control to switch the Soundbar ON.
- Press the U button again to switch the Soundbar back to STANDBY mode.
- Disconnect the mains plug from the mains socket if you want to switch the Soundbar OFF completely.

# **Automatic Power Off Function**

The Soundbar automatically turns to Standby mode after about 15 minutes if the TV or the external unit is disconnected, switched off or the volume is too close to mute.

- To switch the Soundbar off completely, remove the mains plug from the mains socket.
- Please turn the Soundbar off completely to save energy when not in use.

#### **ADJUST THE BRIGHTNESS**

Press the DIMMER button on the remote control to select brightness level.

## **SELECT MODES**

Press the (SOURCE) button on the Soundbar or the AUX, , OPT/COA, HDMI 1/2, HDMI ARC and USB buttons on the remote control to select the desired mode. The selected mode will show on the display.

#### ADJUST THE BASS/TREBLE LEVEL

Press the BASS +/- buttons on the remote control to adjust bass level. Press the TREBLE +/- buttons on the remote control to adjust treble level.

### TURN THE SURROUND SOUND ON/OFF

Press the VERTICAL/SURROUND button on the remote control to turn on the surround sound. Press this button again to turn off the surround sound.

#### SELECT EQUALIZER (EQ) EFFECT

Press the VOICE / SPORT / MOVIE / MUSIC buttons on the remote control to select your desired preset equalizer effects.

# **ADJUST THE VOLUME**

Press the +/- (VOLUME) buttons on the Soundbar or on the remote control to adjust the volume. If you wish to turn the sound off, press the **X** (MUTE) button on the remote control.

Press the (MUTE) button again or press the +/- (VOLUME) buttons on the Soundbar or on the remote control to resume normal listening.

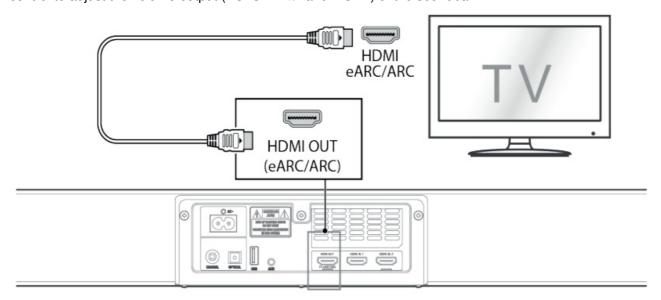
## CONNECTIONS

#### **HDMI CONNECTION**

Some 4K HDR TVs require the HDMI input or picture settings to be set for HDR content reception. For further setup details on HDR display, please refer to the instruction manual of your TV.

# eARC / ARC (Enhance Audio Return Channel)

The eARC / ARC (Enhance Audio Return Channel) function allows you to send audio from your ARCcompliant TV to your soundbar through a single HDMI connection. To enjoy the ARC function, please ensure your TV is both HDMI-CEC and ARC compliant and set up accordingly. When correctly set up, you can use your TV remote control to adjust the volume output (VOLUME +/- and MUTE) of the soundbar.



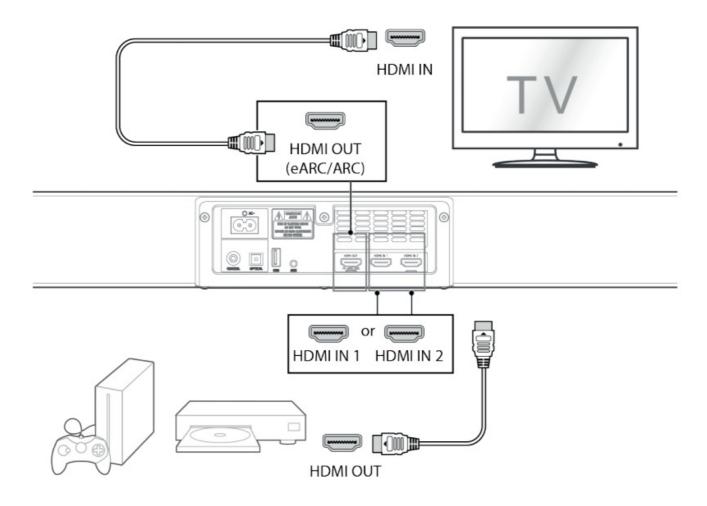
Connect the HDMI cable (included) from unit's HDMI OUT (TV eARC/ARC) socket to the HDMI (ARC) socket on your ARC compliant TV. Then press the remote control to select ARC.

## NOTE:

Your TV must support the HDMI-CEC and ARC function. HDMI-CEC and ARC must be set to On. The setting method of HDMI-CEC and ARC may differ depending on the TV. For details about ARC function, please refer to the owner's manual. ARC only works with devices that are HDMI ARC capable as well as with an HDMI 1.4 cable (and higher).

## Standard HDMI

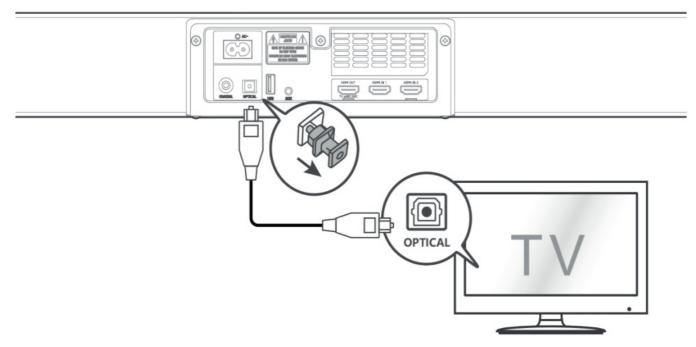
If your TV is not HDMI ARC-compliant, connect your soundbar to the TV through a standard HDMI connection.



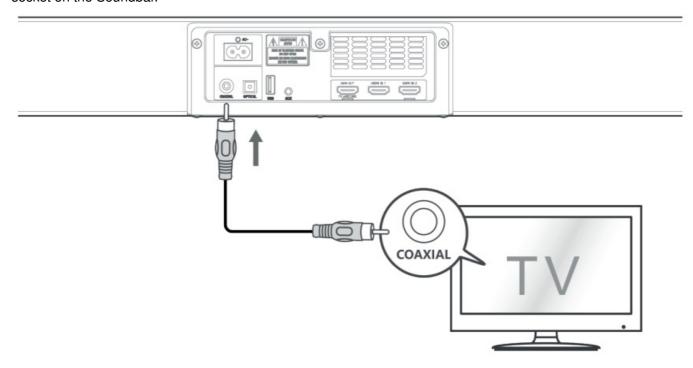
Use an HDMI cable to connect the soundbar's HDMI OUT (TV eARC/ARC) socket to the TV's HDMI IN socket. Use an HDMI cable to connect the soundbar's HDMI IN (1 or 2) socket to your external devices (e.g. games consoles, DVD players and Blu-ray).

## **USE THE OPTICAL SOCKET**

Remove the protective cap of the OPTICAL socket, then connect an OPTICAL cable (not included) to the TV's OPTICAL OUT socket and the OPTICAL socket on the Soundbar



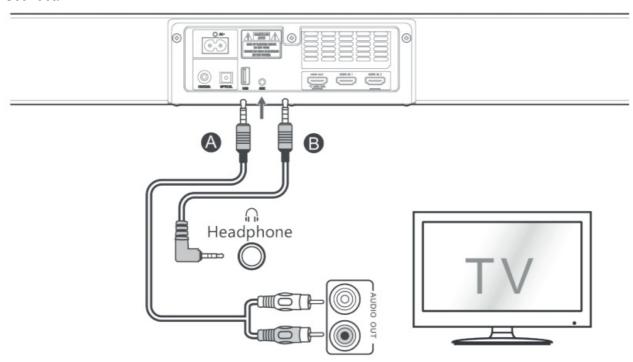
You also can use the COAXIAL cable (not included) to connect the TV's COAXIAL OUT socket and COAXIAL socket on the Soundbar.



#### **USE THE AUX SOCKET**

Use a 3,5mm to 3,5mm audio cable (not included) to connect the TV's or external audio device headphone socket to the AUX socket on the Soundbar.

Use a RCA to 3,5mm audio cable (included) to connect the TV's audio output sockets to the AUX socket on the Soundbar.



# **AUX / OPTICAL / COAXIAL / HDMI OPERATION**

- 1. Ensure that the Soundbar is connected to the TV or audio device.
- 2. Press the (SOURCE) button repeatedly on the Soundbar or press the AUX, OPT/COA, HDMI 1/2, HDMI eARC buttons on the remote control to select the desired mode.

The selected mode will show on the display.

3. Press the +/- (VOLUME) button to adjust the volume to your desired level.

#### NOTE:

The Soundbar may not be able to decode all digital audio formats from the input source. In this case, the Soundbar will mute. This is NOT a defect. Ensure that the audio setting of the input source (e.g. TV, game console, DVD player, etc.) is set to PCM or Dolby Digital (Refer to the user manual of the input source device for its audio setting details) with HDMI 1 / HDMI 2 / HDMI ARC / OPTICAL / COAXIAL input. When selecting a different audio format, the Soundbar will display the following as follows:

Audio (abbreviation)	Display
LPCM 2ch, LPCM 5.1ch, LPCM 7.1ch	PCM AUDIO
Dolby Digital, Dolby TrueHD, Dolby Digital Plus	DOLBY AUDIO
Dolby Atmos – Dolby TrueHD, Dolby Atmos – Dolby Digital Plus	DOLBY ATMOS

#### **BLUETOOTH OPERATION**

Pairing the Soundbar with a Bluetooth® device to listen to music.

### First time pairing

- 1. Press the (SOURCE) button repeatedly on the Soundbar or press the button on the remote control to select Bluetooth® mode. The display will show NO BT.
- 2. Activate your Bluetooth® device and select the search mode. "TH-E431B" will appear on your Bluetooth® device list.
- 3. Select "TH-E431B" enter "0000" for the password if necessary. The Soundbar will voice "Paired" and the display will show **BT.**

# Pairing a new device

- 1. In Bluetooth® mode, press and hold the button to clear all pairing. The Soundbar will enter pairing mode. The Soundbar will voice "Pairing" and the display will show PAIR.
- 2. Follow step 2-3 in "First time pairing" above to pair a new Bluetooth® device

#### Listen to Music from Bluetooth® device

If your Bluetooth® device supports A2DP, play music via your device.

If your Bluetooth® device supports AVRCP, use the supplied remote control to control play.

- To increase/decrease the volume, press +/- (VOLUME) button.
- To pause/resume playback, press button.

## To disconnect the Bluetooth® function, you can:

- Switch to another source on the Soundbar;
- Disable the function from your Bluetooth® device.

#### NOTE:

- The operational range between the Soundbar and the device is approximately 8 metres.
- Before connecting a Bluetooth® device to the Soundbar, ensure you know the device's capabilities.
- Compatibility with all Bluetooth® devices is not guaranteed.
- Any obstacle between the device and the Soundbar can reduce operational range.
- Keep this player away from other electronic devices that may cause interference.
- The player will also be disconnected when your device is moved beyond the operational range.

#### **USB OPERATION**

By connecting a USB mass storage device (e.g. USB flash drive) to this unit, you can enjoy the device's stored music through the Soundbar.

- 1. Press the SOURCE) button on the Soundbar or press the USB button on the remote control to select USB mode.
- 2. Press button to pause/resume playback.
- 3. To skip to a track, press | | / | | button.

## NOTE:

The player supports the USB music file format of MP3 only.

The Soundbar can support USB devices with up to 32 GB of memory.

The Soundbar may not be compatible with all USB devices, this is not an indication of a problem with the unit.

#### **DOLBY ATMOS®**

Dolby Atmos® gives you immersive listening experience by delivering sound in three dimensional space, and all the richness, clarity, and power of Dolby sound. For more information, please visit <a href="mailto:dolby.com/technologies/dolby-atmos">dolby.com/technologies/dolby-atmos</a>

#### For using Dolby Atmos®

- Dolby Atmos® is available only in HDMI mode. For the details of the connection, please refer to "HDMI
  Connection".
- To use Dolby Atmos® in HDMI1, HDMI2 and HDMI ARC/eARC mode, your TV has to support Dolby Atmos®.
- Make sure that "No Encoding" is selected for bitstream in the audio output of the connected external device (e.g. Blu-ray DVD player, TV etc.).

## NOTE:

The full Dolby Atmos experience is only available when the soundbar is connected to the source via a HDMI 2.0

cable.

The soundbar will still function when connected via other methods (such as a Digital Optical cable) but these are unable to support all of the Dolby features. Given this, our recommendation is to connect via HDMI, in order to ensure full Dolby support.

#### LICENCE NOTIFICATION

The Bluetooth® word mark and logos are registered trademarks owned by Bluetooth SIG, Inc. and any use of such marks by Zhong Shan City Richsound Electronic Industrial Ltd. is under license. Other trademarks and trade names are those of their respective owners.



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The Adopted Trademarks HDMI, HDMI High-Definition Multimedia Interface, and the HDMI Logo are trademarks or registered trademarks of HDMI Licensing Administrator, Inc. in the United States and other countries.



#### TROUBLESHOOTING

Problem	Solution
No power	<ul> <li>Ensure that the AC cord of the apparatus is properly connected.</li> <li>Ensure that there is power at the AC outlet.</li> <li>Press (standby) button to turn the Soundbar on</li> </ul>

Remote control does not work	<ul> <li>Before you press any playback control button, first s elect the correct source.</li> <li>Reduce the distance between the remote control and the Soundbar.</li> <li>Insert the battery with its polarities / aligned as indic ated.</li> <li>Replace the battery.</li> <li>Aim the remote control directly at the sensor on the front of the Soundbar</li> </ul>	
No sound	<ul> <li>Make sure that the Soundbar is not muted. Press M UTE or +/- (VOLUME) button to resume normal liste ning.</li> <li>Press button on the Soundbar or on the remote con trol to switch the soundbar to standby mode. Then press the button again to switch the soundbar on.</li> <li>Ensure the audio setting of the input source (e.g. T V, game console, DVD player, etc.) is set to PCM or Dolby Digital mode while using digital (e.g. HDMI, OPTICAL, COAXIAL) connection.</li> <li>The Soundbar may not be able to decode all digital audio formats from the input source. In this case, the Soundbar will mute. This is NOT a defect.</li> <li>If using Bluetooth, ensure that the volume on your source device is turned up and that the device is not muted.</li> </ul>	
TV has display problem while viewing HDR content fro m HDMI source	Some 4K HDR TVs require the HDMI input or picture s ettings to be set for HDR content reception. For further setup details on HDR display, please refer to the instruction manual of your TV.	
I can't find the Bluetooth name of this unit on my Bluet ooth device for Bluetooth pairing	<ul> <li>Ensure the Bluetooth function is activated on your B luetooth® device.</li> <li>Re-pair the Soundbar with your Bluetooth® device.</li> <li>The Soundbar has a Bluetooth® function that can r eceive a signal within 8 metres. Keep a distance wit hin 8 metres between the Soundbar and your Bluet ooth® device.</li> </ul>	

The Soundbar turns of	When the Soundbar's external input signal level is t oo low, the Soundbar will be automatically turn off a fter 15 minutes. Please increase the volume level of your external device.
Can't achieve outstanding Dolby Atmos® effects	For non-HDMI connections (such as use of USB, BI uetooth, OPTICAL or AUDIO IN), limited height Surr ound effects are generated. See the section of Dolb y Atmos® about how to achieve best Dolby Atmos® effects.

# **SPECIFICATIONS**

#### Soundbar

• Power Supply: 100-240 V~ 50/60 Hz

• Power Consumption: 48 W < 0,5 W (StandBy)

• **USB**: 5 V / 500 mA

Hi-Speed USB (2.0) / FAT32 / FAT16

32G (max)

• Supported files: MP3

• **Dimension:** (WxHxD) 961 x 74 x 105 mm

• Net weight: 3,1 kg

• Audio input sensitivity: 700 mV

• Frequency Response: 40 Hz – 20 KHz

# **Wireless Specification**

• Bluetooth version: V 5.1 (A2DP, AVRCP

• Bluetooth frequency range: 2400 MHz ~ 2483,5 MHz

• Bluetooth Max. transmitting power: V 5.1 (A2DP, AVRCP)

• Modulation Type: GFSK, π/4 DQPSK

# **Amplifier (RMS Output power)**

• L/R Speaker 2 x 60 W

• Subwoofer 120 W

#### **Remote Control**

• Distance/Angle 6 m (19,7 feet) / 30°

• Battery type AAA (2 x 1,5 V)

## WE RESERVE THE RIGHT TO CHANGE TECHNICAL SPECIFICATIONS.

WARNING: DO NOT USE THIS PRODUCT NEAR WATER, IN WET AREAS TO AVOID FIRE OR INJURY OF ELECTRIC CURRENT. ALWAYS TURN OFF THE RODUCT 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**

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.

Hereby, ETA a.s. declares that the radio equipment type TH-E431B 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

#### Support

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**



JVC TH-E431B 2.1-Channel Soundbar with Built-In Subwoofer [pdf] Instruction Manual TH-E431B, 2.1-Channel Soundbar with Built-In Subwoofer, TH-E431B 2.1-Channel Soundbar with Built-In Subwoofer

## References

- Dolby Atmos Official Site Dolby
- JVC AUDIO | Japanese quality | jvcaudio.bg
- JVC AUDIO | Japonská kvalita | jvcaudio.cz
- Declaration of Conformity | | jvcaudio.cz
- JVC AUDIO | Japán minőség | jvc-tv.hu
- JVC AUDIO | Japanese quality | jvcaudio.pl
- JVC AUDIO | Calitate japoneză | jvcaudio.ro
- JVC AUDIO | Japonská kvalita | jvcaudio.sk

Manuals+,