

EH AHD

ATV / UTV SOUND BAR

FEATURES BUILT-IN CLASS A/B AMPLIFIER AND
MULTICOLOR ILLUMINATION OPTIONS

User Guide



MT4221



MT6221

These instructions cover the following part number

BRAND LOGO UPDATE



USED LOGO

NEW LOGO

Same Brand, New Look !
Our logo has changed, but our commitment to quality remains.
Ehaho appreciates your support !

EH&HO **INDEX**

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Thank you for purchasing ATV/UTV Sound Bar.

Please read through these instructions carefully so you will know how to operate your model properly.

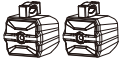
After you have finished reading the instructions, keep this document in a safe place for future reference.

NOTE:

This 2.1 CH stereo sound system features a rectangular subwoofer and two speakers (Please note that the subwoofer is designed to produce low-frequency sounds only. It cannot produce mid or high-range frequencies. When used alone, you will primarily feel vibrations and hear faint sounds).

To achieve optimal audio performance, it is essential to assemble the wiring harness according to the instructions in the manual before use. Detailed assembly instructions can be found on page 9 of the manual.

THIS PACKAGE CONTAINS:

- | | |
|-----------------------------------|---|
| (1) Rectangular Subwoofer |  |
| (2) Left And Right Speakers |  |
| (3) Mounting Kit |  |
| (4) User Manual |  |

BEFORE YOU START

IMPORTANT SAFETY PRECAUTIONS

- Do not operate mobile equipment while driving a motorized vehicle. Safe driving and safety consideration of others should always be your highest priority.
- In the event you should notice smoke, strange noises or odor from this product, or any other abnormal signs, immediately turn off the power. Using this product in this condition may result in permanent damage to the system.
- Set your volume control at a low setting, then slowly increase the sound until you can hear it comfortably without distortion or ear discomfort.

BE SURE TO OBSERVE THE FOLLOWING GUIDELINES:

- Do not turn up the volume too loud that you can't hear what's around you.
- Use caution or temporarily discontinue use in potentially hazardous situations.

INSTALLATION PRECAUTIONS

- Servicing of this product by persons without professional training and experience in electronic equipment and motorized vehicle accessories may be dangerous and could expose you to the risk of electric shock, injury or other hazards.
- Contact customer service for any installation, service questions or requests.
- The **SOUND BAR** can be powered from a vehicle's cigarette lighter auxiliary power port, or hardwired directly to the battery through an optional relay / accessory switch.
- When wiring directly to the vehicle's battery, be sure to disconnect the batteries negative terminal wire before starting any wiring procedures, it is suggested that an optional fuse and fuse holder (not included) with minimum rating of 15 Amps be in line with the positive battery terminal.
- The ground cable length should not exceed 18-inches (see wiring diagram).
- The **SOUND BAR** has a weather resistant design. It should not be submerged in or under water under any circumstances.
- Use only the installation parts provided with the **SOUND BAR**.
- Wash with a mild soap or detergent and lukewarm water using a clean sponge or a soft cloth. Rinse well with clean water.

VERY IMPORTANT

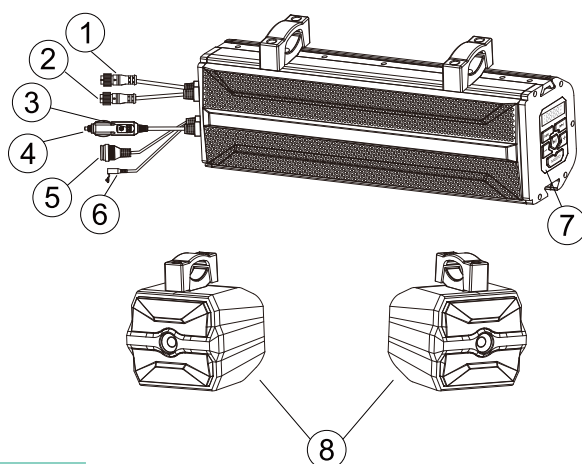
- DON'T clean in hot sun or on very hot days.
- DON'T use abrasive or highly alkaline cleaners on the main body.
- DON'T scrape the main body with razor blades, or other sharp instruments.
- DON'T ever use, gasoline, acetone or carbon tetrachloride.



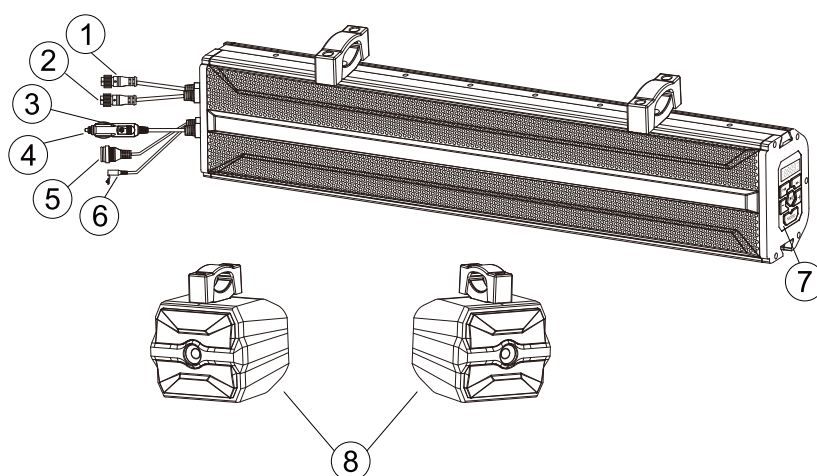
CAUTION: Using other mounting methods may void this warranty.

GETTING TO KNOW YOUR ATV / UTV SOUND BAR

MT4221

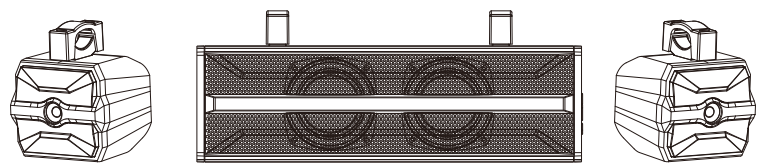


MT6221



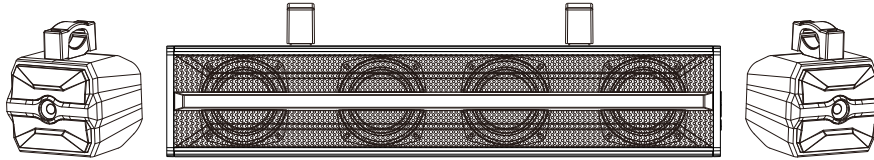
- | | |
|---------------------------------|---------------------------|
| ① Right Speaker output | ⑤ USB connector |
| ② Left Speaker output | ⑥ 3.5mm AUX-INPUT |
| ③ Led Power Indicator | ⑦ Control Panel |
| ④ Cigarette Power Cable Adaptor | ⑧ Left And Right Speakers |

SPECIFICATIONS



Model	MT4221
Bluetooth Protocol	V5.0
Bluetooth Range	33ft / 10m
Frequency Response	40HZ-22KHZ
Operating Voltage	12V DC (8-18V allowable)
Maximum Operating Current	≤ 10A
PE Treble	1.25" (x2)
Woofer	4" (x2)
Full frequency speaker	4" (x2)
Wireless Remote Distance	≤ 33ft / 10m
MP3 Signal Noise Ratio	≥ 50dB
MP3 Channel Separation	≥ 30dB
MP3 Total Harmonic Distortion(THD)	≤ 5%
Mp3 Vocal Channel Balance	≤ 2dB
Operating Temperature	-20°C to 60°C
Dust / Waterproof Rating	IP66

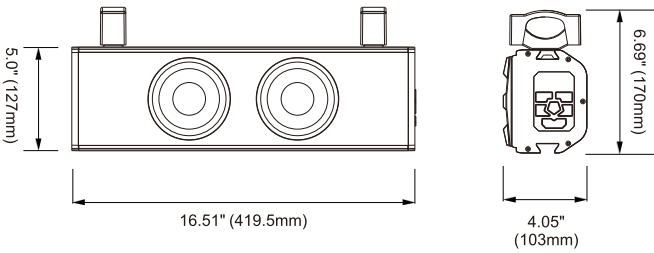
SPECIFICATIONS



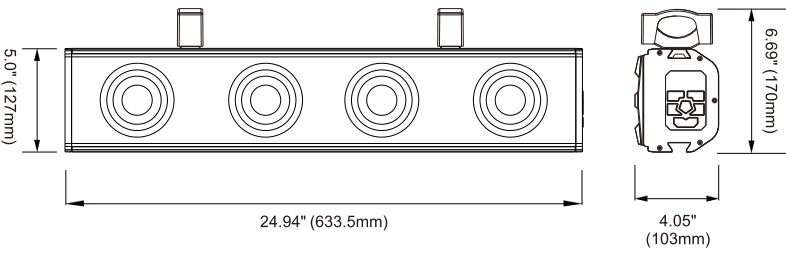
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DIMENSIONS

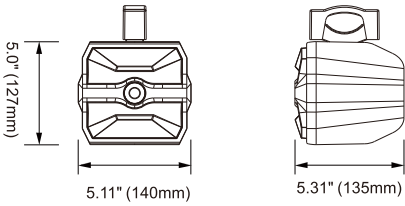
MT4221



MT6221



LEFT AND RIGHT SPEAKERS



MOUNTING KIT CONTAINS



Rectangular Subwoofer x1



MT4221

LIST

wrench		x1
Bracket		x4
Remote Control		x1
Spring washers		x12
Ring		x12
Short Bolt		x4
Middle Bolt		x8
Long Bolt		x8
Rubber Pad		x8
Speakers		x2
Ribbon		x20

SPARE

Extendable cable		x1
Connectors		x1
Short Bolt		x1
Middle Bolt		x1
Long Bolt		x1
Remote Control		x1
Fuse		x2
Cigarette Lighter Receptacle		x1
Spring washers		x1
Ring		x1



Remarks: Spare extendable cables and wire connectors are available for individual installation needs.

MOUNTING KIT CONTAINS



Rectangular Subwoofer x1



MT6221

LIST

wrench		x1
Bracket		x4
Remote Control		x1
Spring washers		x12
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Short Bolt		x4
Middle Bolt		x8
Long Bolt		x8
Rubber Pad		x8
Speakers		x2
Ribbon		x20

SPARE

Extendable cable		x1
Connectors		x1
Short Bolt		x1
Middle Bolt		x1
Long Bolt		x1
Remote Control		x1
Fuse		x2
Cigarette Lighter Receptacle		x1
Spring washers		x1
Ring		x1



Remarks: Spare extendable cables and wire connectors are available for individual installation needs.

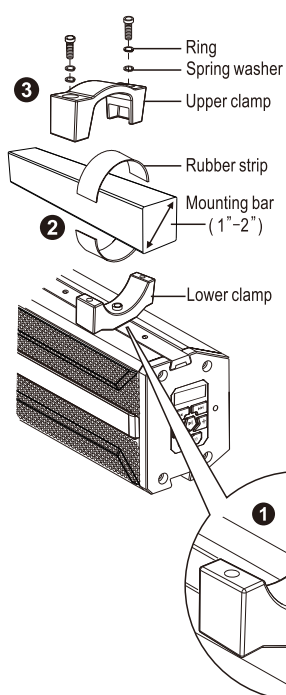


INSTALLATION

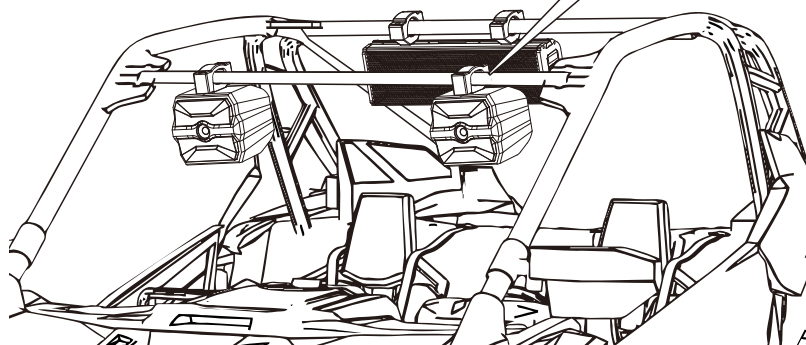
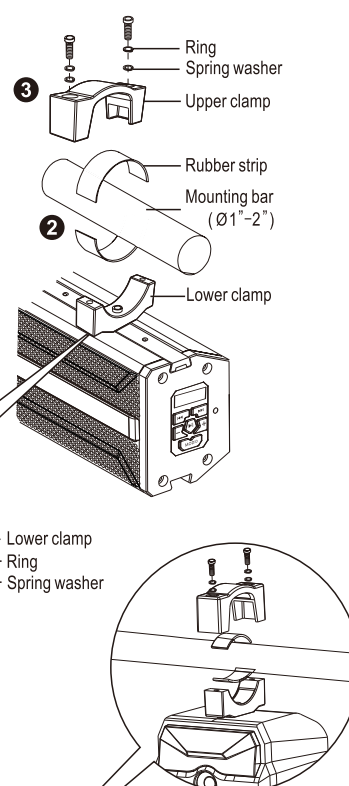
- **USE THE SUPPLIED ADJUSTABLE BRACKET TO SECURE TO RAILS.**
- **ALWAYS RECHECK BRACKET BEFORE EVERY RIDE.**

1. Adjust the installation bracket to the slot above the host and tighten it with a hex screw.
2. Attach the supplied rubber pads for secure clamping and abrasion prevention.
3. Tighten the upper clamp to the lower clamp with a hex wrench. Make sure the supplied spring washers are used to provide more stable bolt tightening against vibration.
4. Repeat the steps above to secure the sound bar with the other clamp.

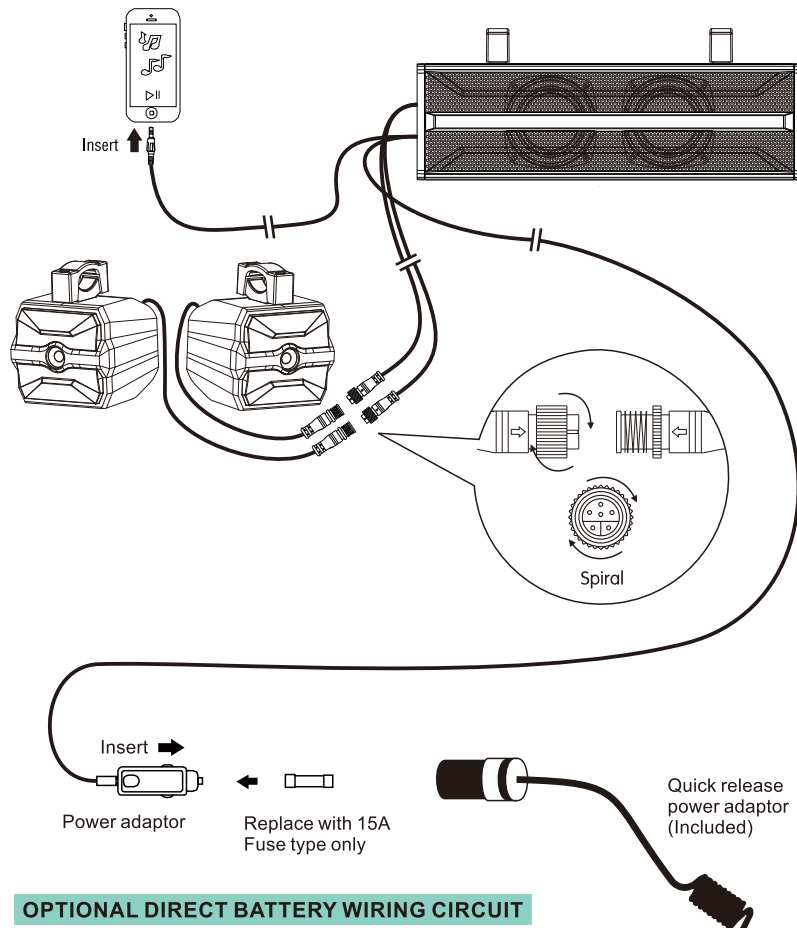
a. Square Roll Bar



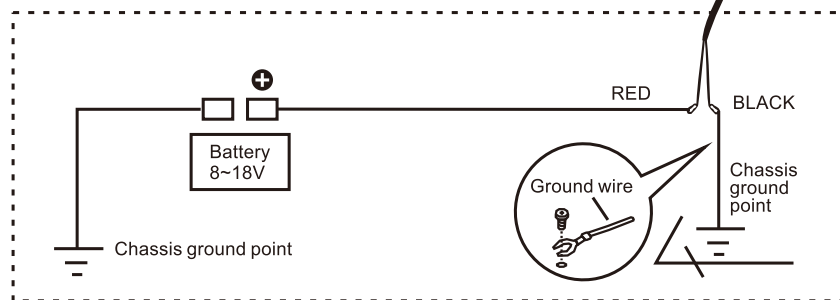
b. Round Roll Bar



WIRE DIAGRAM

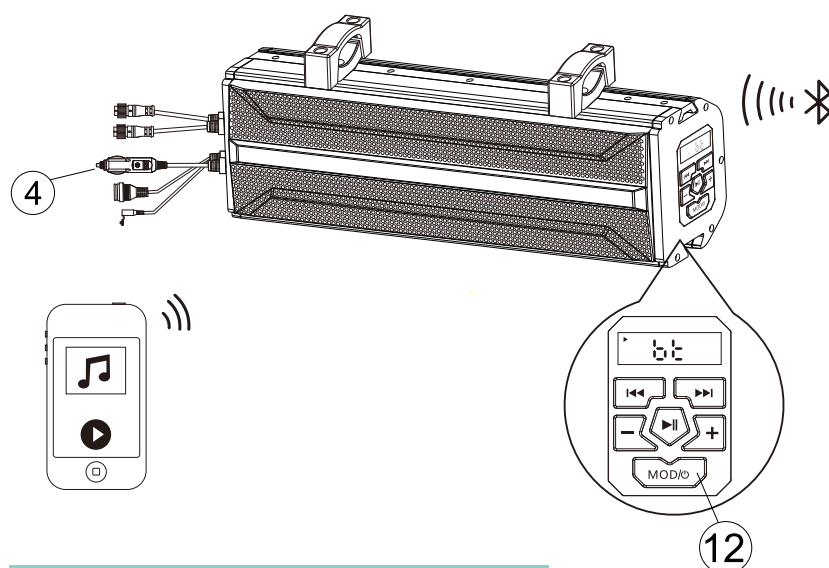


OPTIONAL DIRECT BATTERY WIRING CIRCUIT



SPECIFICATIONS SUBJECT TO CHANGE WITHOUT NOTICE

BLUETOOTH OPERATION



PAIRING & DISCOVERING A NEW BT CONNECTION

1. Power on the **SOUND BAR** by plugging in the male cigarette lighter adaptor into ④ a female cigarette lighter receptacle.
2. Press the ⑫ button. The **SOUND BAR** will automatically go in to pairing mode.

ANDROID users:

- a. Go into the **Settings Menu** of your device
- b. Enter the **BT Menu**
- c. **TURN ON BT** and press **SCAN**
- d. **EHAHO MT4221 / EHAHO MT6221** will now be displayed under **AVAILABLE DEVICES**
- e. If prompted, enter passcode: **0000**

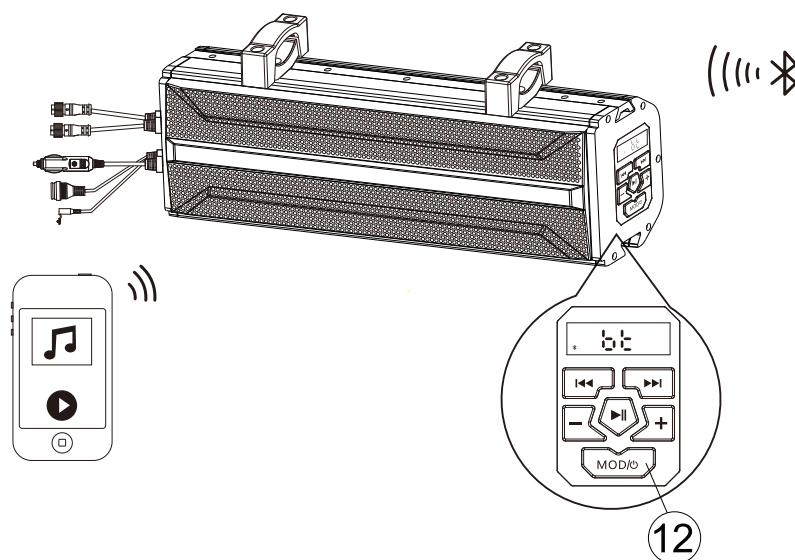
iOS users:

- a. Go into the **Settings Menu** of your device
- b. Enter the **BT Menu**
- c. **TURN ON BT** and press **SCAN**
- d. **EHAHO MT4221 / EHAHO MT6221** will now be displayed
- e. If prompted, enter passcode: **0000**

NOTE: You have 2 minutes before you must restart this procedure over again.

3. If **EHAHO MT4221 / EHAHO MT6221** is not seen, repeat the above steps to refresh the **Device List**.
4. After successful connection, a small triangle icon appears on the display screen, and you can now transfer music from your favorite media player to **SOUND BAR** for playback.

BLUETOOTH OPERATION



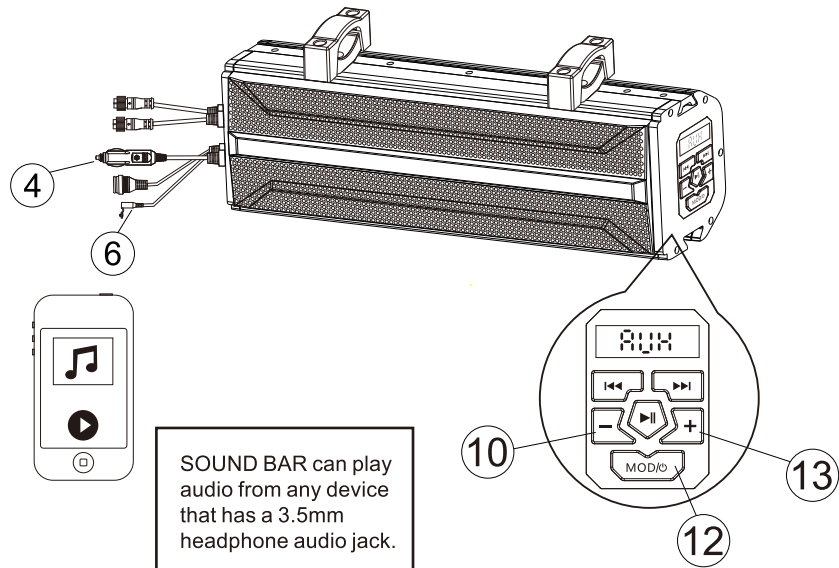
RECONNECTION

1. Power on the **SOUND BAR** and your last paired BT device.
2. Press the ⑫ button. The unit will now automatically reconnect.
3. If your device was previously paired with the **SOUND BAR**, but it wasn't the last paired device:
 - a. Ensure no other devices are currently paired
 - b. Enter the on your device being paired
 - c. **EHAHO MT4221 / EHAHO MT6221** will display under **AVAILABLE DEVICES**
 - d. Choose the **SOUND BAR** to reconnect
4. If the device is out of range from the **SOUND BAR**, it will disconnect automatically:
 - a. The BT icon on the display screen will continuously flash.
 - b. The **SOUND BAR** will automatically reconnect to the device once back in range.
5. BT function can only be connected to a **SOUND BAR**, does not support multiple **SOUND BAR** connection at the same time.



TIPS: To avoid battery exhaustion, be sure to occasionally run the vehicle's engine while using this product. Using this product without running the engine can drain the battery.

AUX INPUT



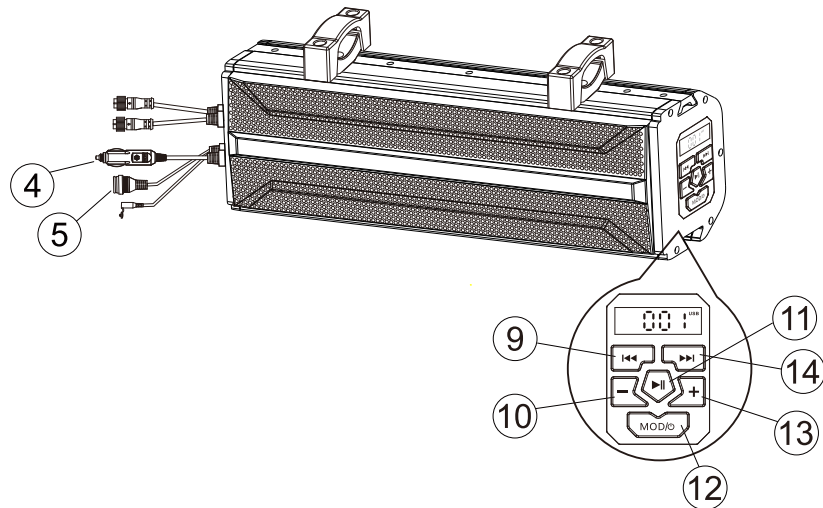
AUX-IN OPERATION

1. Power on the **SOUND BAR** by plugging in the male cigarette lighter adaptor into (4) a female cigarette lighter receptacle.
2. Press the (12) button. After **SOUND BAR** enters **AUX** mode, the AUX icon will appear on the display screen.
3. Connect the integrated 3.5mm **AUX-IN** cable (6) to your device's headphone jack.
4. Route the wire back to **SOUND BAR**, and secure your device.

VOLUME CONTROL

5. To raise the volume, press the (13) **VOLUME UP** button or use your device's controls.
6. To lower the volume, press the (10) **VOLUME DOWN** button or use your device's controls.

USB INPUT



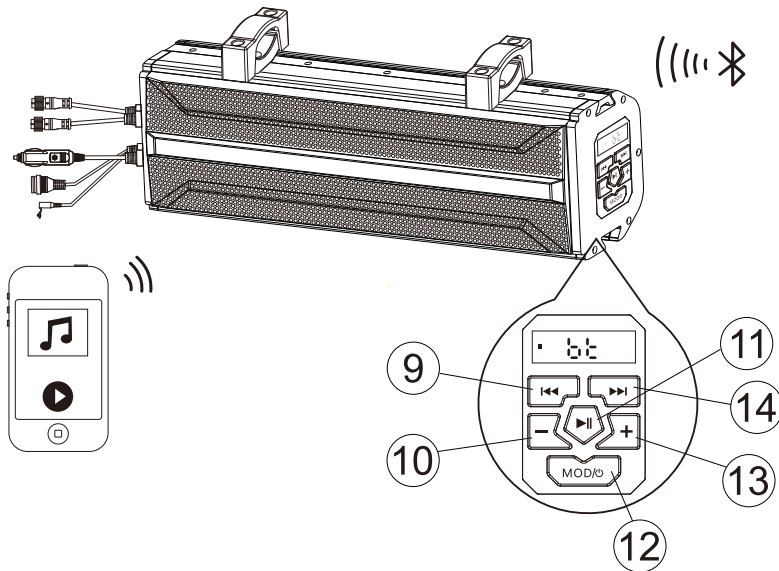
USB IN OPERATION

1. Power on the **SOUND BAR** by plugging in the male cigarette lighter adaptor into (4) a female cigarette lighter receptacle.
2. Press the (12) button. The **SOUND BAR** will automatically go in to arbitrary pattern.
3. Insert the USB Flash drive on (5) and play the music automatically.
4. Press the (11) **PLAY/PAUSE** once to start playing music or pause.
5. To skip songs or advance, press the (14) **NEXT TRACK** button.
6. To select the previous song, press the (9) **PREVIOUS TRACK** button.
7. To raise the volume, press the (13) **VOLUME UP** button or use your device's controls.
8. To lower the volume, press the (10) **VOLUME DOWN** button or use your device's controls.



TIPS: USB can play music formats MP3 and WMA.

CONTROL PANEL OPERATION



MULTIFUNCTION CONTROLLER BT OPERATION

1. Press the ⑪ **PLAY/PAUSE** once to start playing music or press the **PLAY** button from your device's touchscreen.
2. Press the ⑪ **PLAY/PAUSE** again, the music will pause and a pause icon will appear on the display screen.
3. To skip songs or advance, press the ⑭ **NEXT TRACK** button.
4. To select the previous song, press the ⑨ **PREVIOUS TRACK** button.

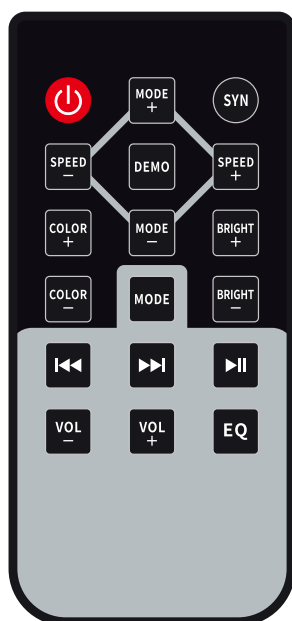
VOLUME CONTROL

5. To raise the volume, press the ⑬ **VOLUME UP** button or use your device's controls.
6. To lower the volume, press the ⑩ **VOLUME DOWN** button or use your device's controls.



TIPS: For maximum audio performance, ensure your device BT volume is set to a minimum 75% level before stowing.

REMOTE CONTROL OPERATION

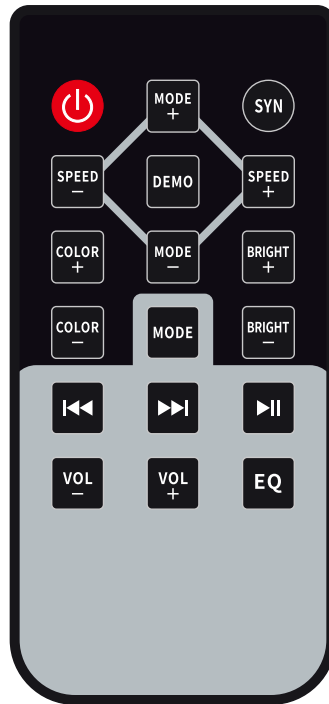


- | | |
|--|---|
|  Power On / Off |  Light Brightness Up |
|  RGB Strobe Speed UP |  Light Brightness Down |
|  RGB Strobe Speed Down |  Previous Song |
|  RGB Light Switch |  Next Song |
|  Light Mode Up Selection |  Pause Play |
|  Light Mode Down Selection |  Volume Down |
|  Light Mode Restore Default |  Volume Up |
|  RGB Color Up Selection |  EQ Sound Effect |
|  RGB Color Down Selection |  Sound Mode Switching |



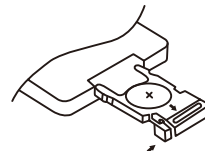
Due to different production batches, the color of the buttons may vary, but the function is the same.

REMOTE CONTROL OPERATION



Cautions

- 1) RF controller range: Up to 33ft (LoS)
- 2) Do not obstruct the RF remote with metal
- 3) Do not store in direct sunlight



Replacement Battery-CR2032



WARNING: Remote control includes a button battery keep the button battery out of reach of children.
If swallowed, seek medical attention immediately, as ingestion may lead to serious injury, chemical burns, or death.

REMOTE CONTROL OPERATION



Function Introduction

1. After powering on, the light of the host light bar turns on. Press the **SYN** LED light switch key briefly to turn off the light of the host light bar. Press the **SYN** LED light switch key briefly again to turn on the light of the host light bar.
2. In any state, short press the **DEMO** light mode to restore the default mode key, and the light bar light will be converted to the default strobe mode.
3. In the default lighting mode, press **MODE -** or **MODE +** briefly or use the down or up selection keys to switch lighting modes:
 → Strobe Mode → Single Color Gradient Mode → Fash Mode → Mixed Color Gradient Mode →
4. When the light mode is adjusted to the single color gradient mode and the mixed color gradient mode, briefly press the **SPEED +** or **SPEED -** light gradient speed increase or decrease key to adjust the light color change speed.
5. In the light mode, press the **COLOR +** or **COLOR -** light color up or down selection key briefly to switch between light colors. At the same time, press the **BRIGHT +** or **BRIGHT -** light brightness increase or decrease key briefly in this mode to adjust the light brightness.

FREQUENTLY ASKED QUESTIONS

Q1: Will this sound bar fit my vehicle?

Mounting with Universal Brackets, fits any offroad vehicle with a 1" ~ 2" roll cage, including UTV, ATV, golf cart, Marine, Boat, Polaris RZR, Ranger, Can-Am, Defender, Maverick, etc.

Q2: Is it plugged in? Or run off a charge?

This soundbar is NOT rechargeable. It needs to be plugged into a 12v vehicle with a cigarette lighter (included in the package) or be hardwired straight to the battery via the 12V DC converter and a fuse (both included in the package).

Q3: Can I turn the led lights off while listening to music?

Yes, RGB light can be turned off at any time by remote control, press SYN button to turn off the light.

Q4: How long is the power cord?

Cigarette lighter 79 inches; Cigarette Lighter Receptacle 55.1 inches; USB input 19.6 inches; AUX input 7.8 inches.

Q5: Used for the 12V plug test and the soundbar works fine, but when I connect it to the golf cart battery it doesn't work?

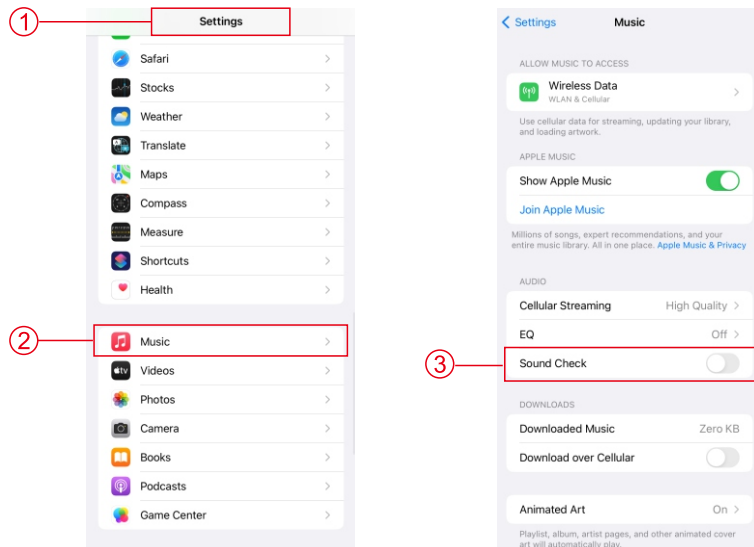
The soundbar operates on 12V DC. The soundbar does not work properly when the voltage is below 8V DC or above 18V DC. The working voltage of the golf battery may be 24V, 36V, 48V, please check the working voltage before installing the product, if the voltage is not applicable, you need to use a voltage converter.

Q6: Why is my sound system so quiet?

1. make sure that the rectangular subwoofer and the speakers are correctly connected.
2. You can find detailed assembly instructions on page 9 of the instruction manual.
3. verify that the volume on both your mobile device and the sound system itself are turned up to an appropriate level.

Q7: If your soundbar volume is low and you're playing music through the default Apple Music app on your iPhone, try the following steps to increase the volume:

1. Open Settings on your iPhone.
2. Select Music.
3. Find Sound Check and turn it off.



If you're using a third-party music app downloaded from the App Store, please contact our official customer service team to get assistance on the setting to help boost your soundbar's volume.

TROUBLE SHOOTING

TROUBLE	CAUSE	SOLUTION
Device will not turn on	The fuse is blown	Check / replace the fuse
	Vehicle didn't start / Main acc switch not engaged	Starting the vehicle / Turn switch to on position
	Operating voltage not applicable	The soundbar operates on 12V DC. The soundbar does not work properly when the voltage is below 8V DC or above 18V DC.
No sound is heard	Incorrect operating voltage	Check the operating voltage, 12V DC (8-18V allowable)
	Soundbar volume is low / muted	Turn up the volume on your device
	The volume of the device inputting music to the Soundbar is too low / muted.	Turn up the volume of the input device
	BT / AUX / USB are not connected properly	Check if the soundbar control panel is successfully connected to the device (BT, AUX IN, USB IN)
Cannot pair BT	The BT function of the device is not enabled	Refer to the user manual of the device for how to enable the BT function
Device not responding	Power failure or interference	Remove power for 10 seconds to reset

AFTER-SALES SERVICE

After-Sales Service and Warranty

We provide a warranty from the date of purchase. We will repair or replace any defective products free of charge. For any questions or assistance, you can contact our customer service team via below methods for help:

Email: support@ehaho.com

Website: <https://www.ehaho.com>

How to Make a Warranty Claim

Contact Us: Reach out to our customer service team at support@ehaho.com.
Provide Information: Be prepared to provide proof of purchase and a detailed description of the issue including relevant pictures or videos.

Our team will respond to your issues within 24 hours on weekdays. Please check your email, including the spam folder, for our replies. Note that response times may be delayed during weekends or holidays.

Terms and Conditions

This warranty is non-transferable and applies only to the original purchaser. Thank you for choosing Ehaho. We appreciate your business and are here to support you with any questions or concerns.



Warm Tips

Regarding voltage compatibility, we provide solutions for vehicles that do not use a 12V DC power supply to ensure you can use the product effectively. For further details, please consult our official customer service team.

FCC Warning Statement

Changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment. This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to Part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

- Reorient or relocate the receiving antenna.
 - Increase the separation between the equipment and receiver.
 - Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
 - Consult the dealer or an experienced radio/TV technician for help.
- This device complies with part 15 of the FCC Rules. Operation is subject to the following two conditions:
- (1) This device may not cause harmful interference, and
 - (2) this device must accept any interference received, including interference that may cause undesired operation.

RF Exposure Statement

To maintain compliance with FCC's RF Exposure guidelines, This equipment should be installed and operated with minimum distance of 20cm the radiator your body. This device and its antenna(s) must not be co-located or operation in conjunction with any other antenna or transmitter.

