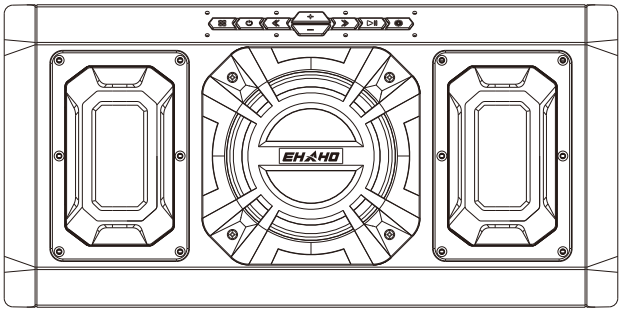
ATV/UTV SOUND SYSTEM



EH6521

Excitement on Every Mile

User Manual

FCC Warning:

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.

Caution: Any changes or modifications to this device not explicitly approved by manufacturer could void your authority to operate this equipment.

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.

The device has been evaluated to meet general RF exposure requirement.
The device can be used in mobile exposure condition, the use distance is 20cm, compliance with exposure requirements.

EHAHO

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Thank you for purchasing ATV/UTV Sound System.

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.

THIS PACKAGE CONTAINS:

(1) Sound System ----------

(2) Mounting Kit ----------

(3) 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

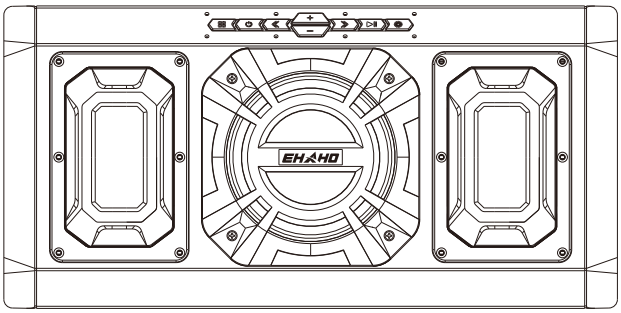
- Servicing of this product by persons without professional training and experience in electronic equipment and motorized vehicle accessories may be dangerous and could expose you to the risk of electric shock, injury or other hazards.
- Contact customer service for any installation, service questions or requests.
- 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 System** 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 System**.
- Wash with a mild soap or detergent and lukewarm water using a clean sponge or a soft cloth. Rinse well with clean water.

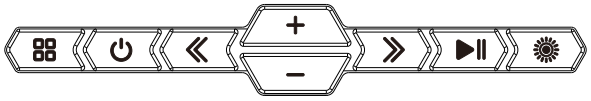
VERY IMPORTANT

- DON'T clean in hot sun or on very hot days.don't be in damp or wet conditions.
- 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.

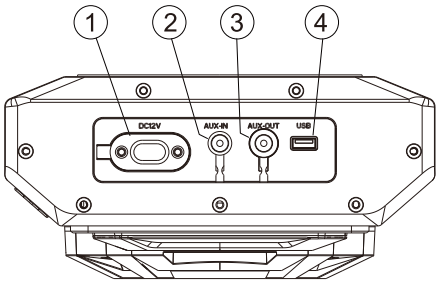
⚠ CAUTION: Using other mounting methods may void this warranty.

GETTING TO KNOW YOUR ATV / UTV SOUND SYSTEM



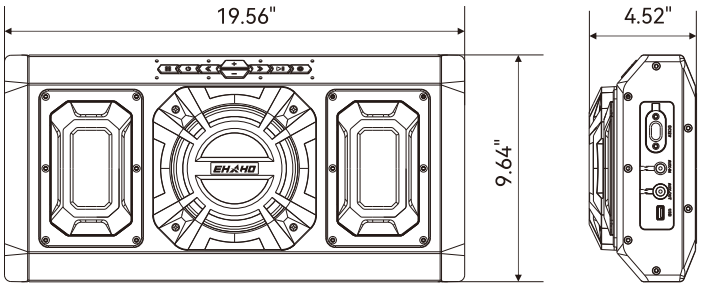


- Mode switch key
- Power switch key
- Up selection key
- Volume up key
- Volume down key
- Down selection key
- Pause play key
- Light mode key



1. 12V DC Power Input (Socket)
2. 3.5mm AUX IN Socket (Line–In)
3. 3.5mm AUX OUT Socket (Line–Out)
4. USB Type–A Port

SPECIFICATIONS



Model	EH6521
Bluetooth Protocol	V5.0
Bluetooth Range	33ft /10m
Frequency Response	40HZ-22KHZ
Operating Voltage	12V DC (10-18V allowable)
Maximum Operating Current	≤ 13A
Tweeters	1" (x2)
Mid Range Speaker	3" (x2)
Subwoofer	6.5" (x1)
Low Frequency Radiator	6.5" (x1)
Wireless Remote Distance(Unobstructed)	19.7ft /6m
Signal Noise Ratio	≥ 50dB
Channel Separation	≥ 30dB
Total Harmonic Distortion(THD)	≤ 5%
Vocal Channel Balance	≤ 2dB
Operating Temperature	-20℃ to 60℃
Dust / Waterproof Rating	IP66

MOUNTING KIT CONTAINS

EH6521

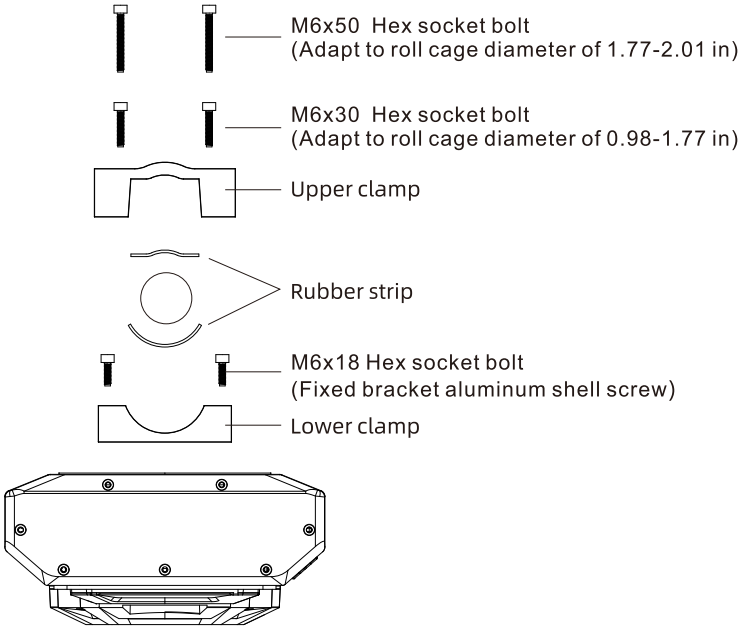
LIST

bracket		x2
hex socket bolt(M6x50)		x5
hex socket bolt(M6x30)		x5
hex socket bolt(M6x18)		x5
Short rubber pad		x6
M5 wrench		x1
M2.5 wrench		x1
Holed Screw(M6x20)		x2
Dual-Hole Cable Lock		x2
Rubber coated steel rope		x2
Remote Control		x2
Power cord		x1
Fuse		x2
Ribbon		x10

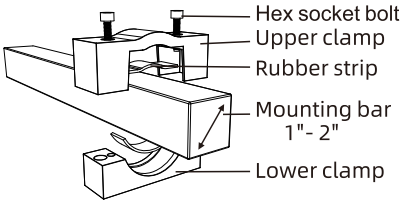
INSTALLATION

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

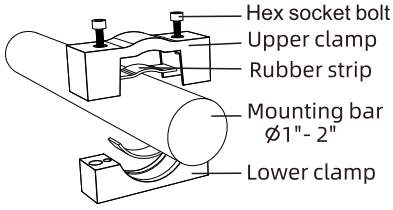
STEP1



a. Square Tube

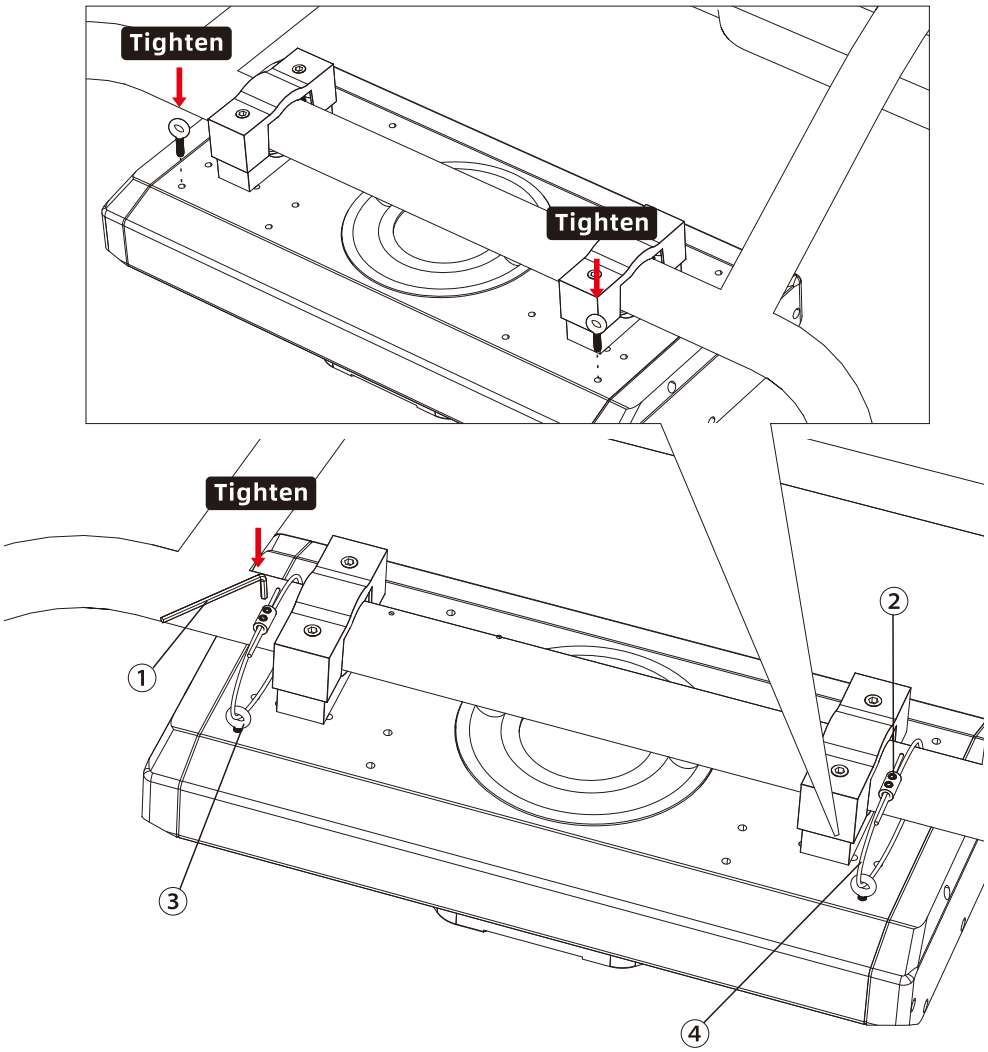


b. Round Roll Bar



INSTALLATION

STEP2



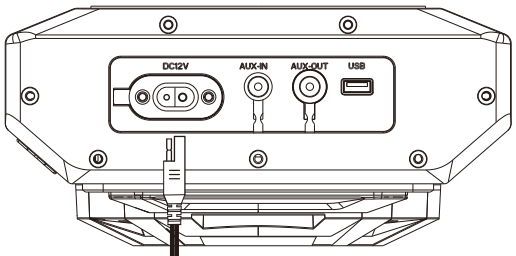
① M2.5 wrench

② Dual-Hole Cable Lock

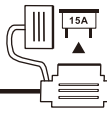
③ Holed Screw(M6x20)

④ Rubber coated steel rope

WIRE DIAGRAM

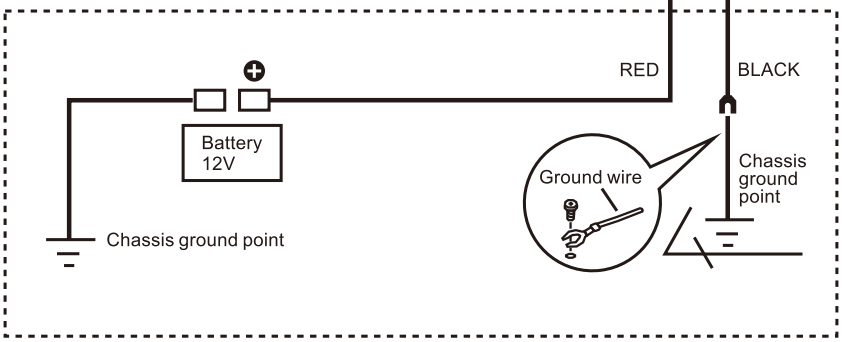


Power cord



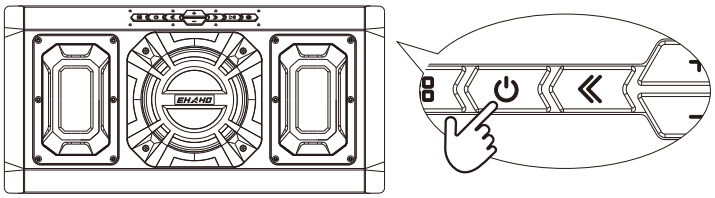
15A Fuse

OPTIONAL DIRECT BATTERY WIRING CIRCUIT



Important Reminder: To prevent battery exhaustion, periodically run the vehicle's engine while using this product. Prolonged use without running the engine may drain the battery.

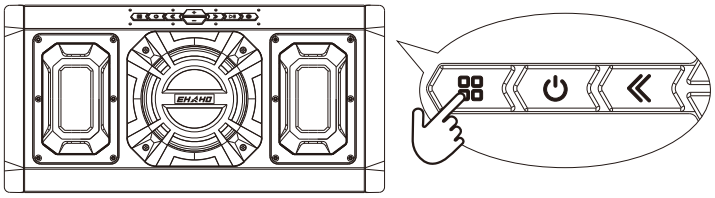
POWER ON/OFF



1. Power on: long press ⏻ to start
2. Power off: long press ⏻ to turn off
3. After powering on and starting up, briefly press this key ⊞ as the mode switching function, followed by Bluetooth, USB, AUX mode cycle switching and corresponding prompt voice. (Skip the corresponding mode when no USB flash disk or 3.5 audio plug is detected)
4. After powering on and starting up, briefly press this key ✺ to switch control of horn light mode, (light modes such as music strobe, three color jump, seven color breath light, seven color gradual change, three color meteor shower, seven color meteor shower, seven color jump water, etc.) to switch circularly, long press this key to turn off the light, and long press this key to turn on the light.

BLUETOOTH OPERATION

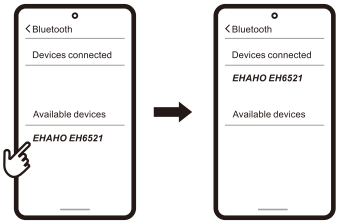
PAIRING & DISCOVERING A NEW BT CONNECTION



1. Press the ⊞ button to switch the speaker to BT mode and automatically enter pairing.

MOBILE PHONE OPERATION

a. Go into the ***Settings Menu*** of your device
b. Enter the ***BT Menu***
c. ***TURN ON BT*** and press Search
d. ***EHAHO EH6521*** will now be displayed under ***AVAILABLE DEVICES***
e. If prompted, enter passcode: ***0000 or 1234***

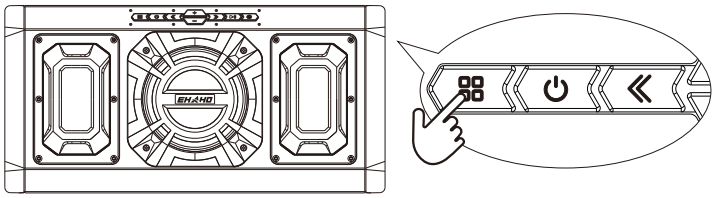


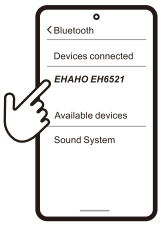
2. If you cannot see ***EHAHO EH6521***, please repeat the above steps to refresh the equipment list.
3. When the connection is successful, the host key panel light is "blue light is always on", and the host will also issue a "BT connected" prompt tone.

BLUETOOTH OPERATION

RECONNECTA

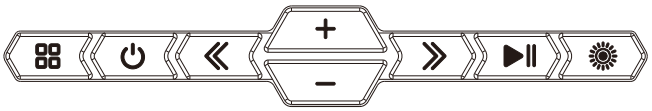
1. Open ***Sound System*** and your last paired BT device.
2. Press the button, Switch to BT mode and the device will automatically reconnect.





3. If your device was previously paired with the ***Sound System***, 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 EH6521*** will display under ***AVAILABLE DEVICES***
   d. Choose the ***EHAHO EH6521*** to reconnect
4. If the device exceeds the range of BT distance, it will automatically disconnect:
   a. The key panel light on the host is "blue flashing", and the host will also issue a prompt tone of "BT disconnected"
   b. Once badk in range, the Sound System will automatically reconnect to the device.
5. The BT function can only connect to one mobile device and does not support simultaneous connection of multiple mobile devices.

BUTTON OPERATION



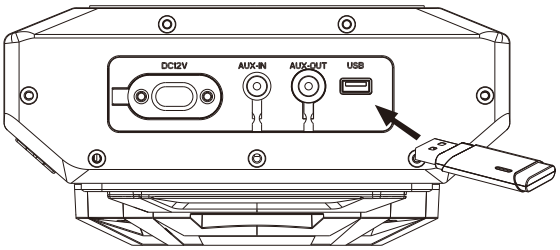
1. Press the ***PLAY/PAUSE*** once to start playing music or press the ***PLAY*** button from your device's touchscreen.
2. To select the previous song, press the ***PREVIOUS TRACK*** button or use your device's controls.
3. To select the next song, press the ***NEXT TRACK*** button or use your device's controls.
4. To raise the volume, press the ***VOLUME UP*** button or use your device's controls.
5. To lower the volume, press the ***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.

USB INPUT

USB IN OPERATION

1. Insert the ***USB*** flash drive into the ***Sound System***.
2. Press the button to select ***USB*** mode.



BUTTON OPERATION

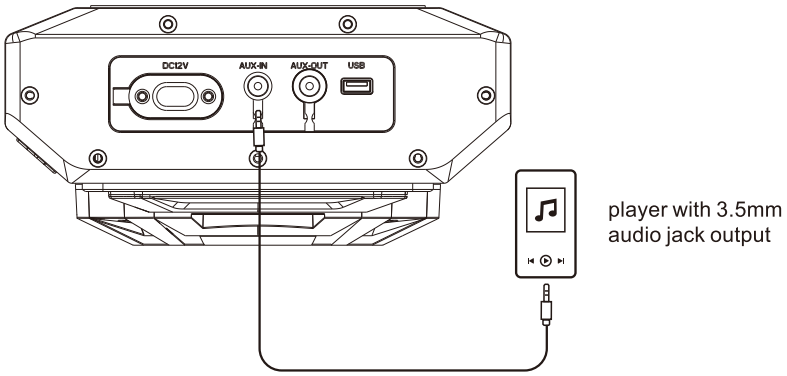
1. Press the ***PLAY/PAUSE*** once to start playing music or pause.
2. To select the previous song, press the ***PREVIOUS TRACK*** button.
   Press and hold this button to play backward -10 song.
3. To select the next song, press the ***NEXT TRACK*** button.
   Press and hold this button to play forward + 10 song.
4. To raise the volume, press the ***VOLUME UP*** button .
5. To lower the volume, press the ***VOLUME DOWN*** button.

TIPS: USB can play music formats MP3 and WMA, and Support 32G USB flash disk.

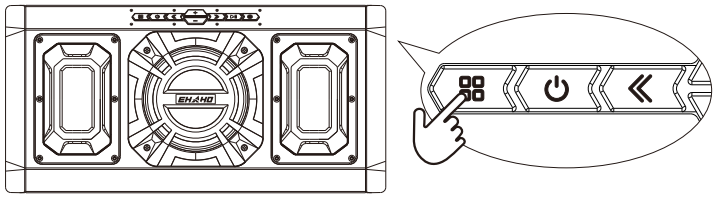
AUX INPUT

AUX-IN OPERATION

1. Connect the ***3.5mm AUX*** audio cable to the device's ***AUX-IN*** jack.



2. Press the button to switch the ***Sound System*** to AUX mode.



3. Press the ***PLAY/PAUSE*** button once to mute/unmute.
4. To raise the volume, press the + ***VOLUME UP*** button .
5. To lower the volume, press the − ***VOLUME DOWN*** button.

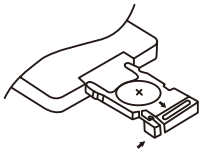
TIPS: Sound System can play audio from any device that has a 3.5mm headphone audio jack.

REMOTE CONTROL OPERATION

CAUTIONS

1) Do not obstruct the RF remote with metal

2) Do not store in direct sunlight



Replacement Battery-CR2032

- On/off key
- SPEED − Light gradient speed decrease key
- SPEED + Light gradient speed increase key
- LIGHTS ON/OFF LED light on/off key
- MODE + Light mode up selection key
- MODE − Light mode down selection key
- DEMO Light Mode Restore Default Mode Key
- COLOR + Light color up selection key
- COLOR − Light color down selection key
- BRIGHT + Light brightness increase key
- BRIGHT − Light brightness decrease key
- ⏮ Up selection key
- ⏭ Down selection key
- ⏯ Pause/play key
- VOL − Volume down key
- VOL + Volume up key
- EQ Sound effect selection key
- MODE Mode switching key

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

On/off key

Short press to start, short press to shut down.

Light gradient speed decrease key

Press this key briefly to slow down the speed of light effects.

Light gradient speed increase key

Short press this key to speed up the light effect.

LED light on/off key

Press this key briefly to turn off the horn light, and press it briefly again to turn on the horn light.

Light mode up selection key

Press this key briefly to switch the light mode up.

Light mode down selection key

Short press this key to switch the light mode down.

Light Mode Restore Default Mode Key

Press this key briefly to restore all light adjustments to the factory default mode.

Light color up selection key

Press this key briefly to select the desired light color upwards.

Light color down selection key

Press this key briefly to select the desired light color downward.

Light brightness increase key

Press this key briefly to increase the light brightness.

Light brightness decrease key

Press this key briefly to reduce the light brightness.

Up/down selection key

U disk music playing mode Short press is for up or down track selection, long press is for fast up −10 tracks or down+10 preferred tracks function (BT playing mode only supports up/down track selection function).

Pause/play key

1) Press this key to pause playing when BT and USB flash disk are playing; Short press this key again to cancel the pause play function.
2) In AUX mode, short press this key to mute mode, and then short press this key to unmute mode.

Volume up/down key

Short press for volume up/down function 0−30 levels.

Sound effect selection key

Press this key briefly to switch the POP−ROCH−CLRS−JAZZ−FLAT−OF cycle successively, and the default is EQ OFF.

Mode switching key

In the power on state, press this key briefly to switch between BT, USB flash disk and AUX.
(Note: When the USB stick/3.5 audio plug is not inserted, the host will not respond if you press this key briefly).

FREQUENTLY ASKED QUESTIONS

Q1: Will this Sound System 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: Can I turn the led lights off while listening to music?

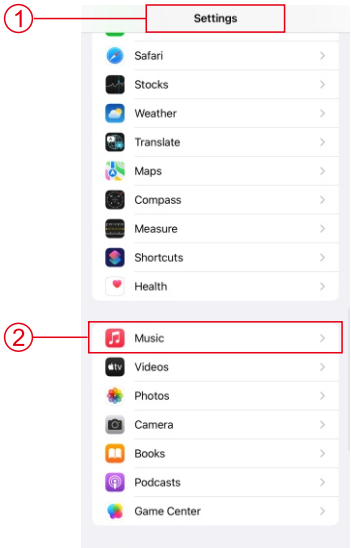
Yes, RGB lights can be turned off at any time through the remote control. Press the light button to turn on and off the lights.

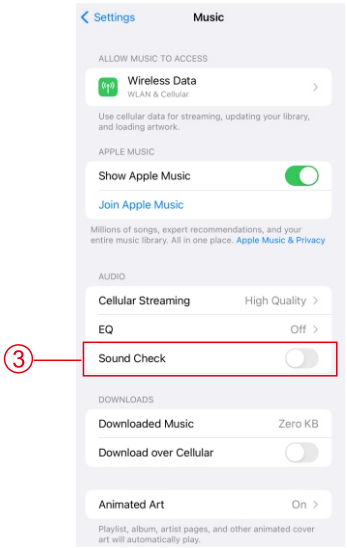
Q3: Used for the 12V plug test and the Sound System works fine, but when I connect it to the golf cart battery it doesn't work?

The Sound System operates on 12V DC. The Sound System does not work properly when thevoltage 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.

Q4: If your Sound System 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 Sound System's volume.

TROUBLESHOOTING

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 Sound System operates on 12V DC. The Sound System 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
	Soundbar volume is low / muted	Turn up the volume on your device
	The volume of the device inputting music to the Sound System is too low / muted.	Turn up the volume of the input device
	BT / AUX / USB are not connected properly	Check if the Sound System control panel is successfully connected to the device (BT, AUX IN, AUX OUT, 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.

Thank you for choosing Ehaho. If you have any questions or need assistance, please contact our customer service team at: support@ehaho.com

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