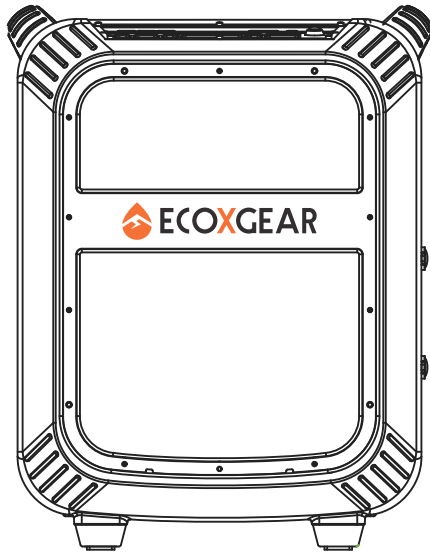


EcoBoulder



User's Manual

FCC

This device complies with part 15 of the FCC Rules. Operation is subject to the condition that this device does not cause harmful interference (1) this device may not cause harmful interference, and (2) this device must accept any interference received, including interference that may cause undesired operation.

Changes or modifications not expressly approved by the party responsible for compliance

could void the user's authority to operate the equipment.

NOTE: 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.

FCC

To maintain compliance with FCC's RF Exposure guidelines, This equipment should be installed and operated with minimum distance between 20cm the radiator your body: Use only the supplied antenna.

FCC ID: 2AAUI-GDIEXBM901

Congratulations

Thanks for purchasing the EcoBoulder.

Enjoy this smart product, please read below instructions carefully. It's more than just a Bluetooth speaker!

Care and Maintenance

1. Read the User's Manual before using the EcoBoulder.
2. Do not attempt to service the EcoBoulder yourself. Opening or removing covers may expose you to dangerous voltages or other hazards. Please contact your local reseller before you send the EcoBoulder for repair.
3. Make sure that you have completely charged the battery prior to first use for maximum battery life.
4. Do not use the EcoBoulder in temperatures exceeding the standard. Extreme temperature will lead to damage of the EcoBoulder, decrease of battery capacity or the EcoBoulder durability.
5. Place the EcoBoulder in an appropriate position for operation.
6. Use the product in proper volume, extremely high volume can be harmful for your ear.
7. Return the Master Volume to zero when you are finished using the product.
8. Switch everything on in the following order:
 - audio input source (i.e. microphones, instruments, CD/MP3 Players)
 - EcoBoulder

Contents

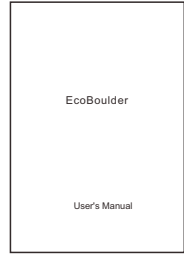
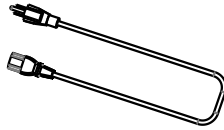
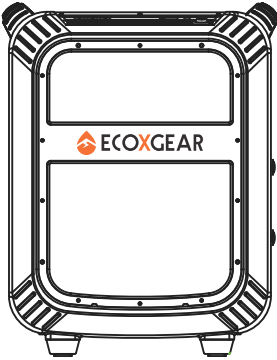
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Features List

1. Clear and Crystal Sound , Superior Stereo Performance
2. Waterproof
3. Bluetooth mode, FM mode, AM mode, AUX 1 mode, AUX 2 mode Optional
4. Bluetooth Connection (Bluetooth V4.0)
5. Music Playing Control
6. Bluetooth Stereo (A2DP/AVRCP)
7. EQ(Default,Bass Boost, Treble Boost, Rock, Jazz) Optional
8. Microphone Input
9. AUX 1, AUX 2 Input
10. USB Charging Ports
11. Master Volume Adjustable(30 levels)
12. Microphone Volume Adjustable(30 levels)
13. Preset the AM/FM Station
14. Store 6 AM Stations
15. Store 6 FM Stations
16. Link Two EcoBoulders
17. Indication(Low battery/Charging/Full charged)
18. Turn On/Off Backlight
19. Bluetooth for 10m distance

Unpacking

Once you have unpacked your product, make sure that all the parts shown below are available. If any pieces are missing or broken, please promptly call your dealer.



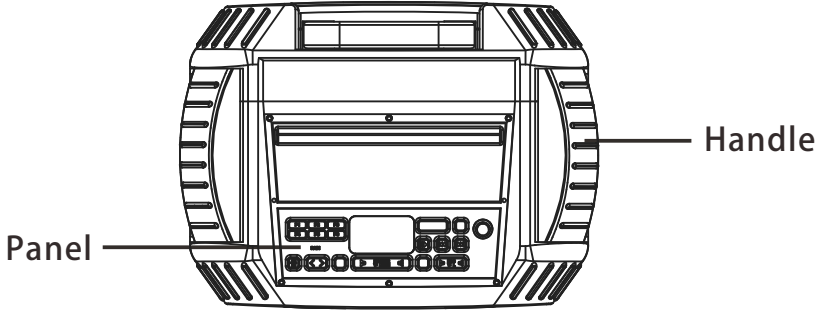
EcoBoulder

Power cable

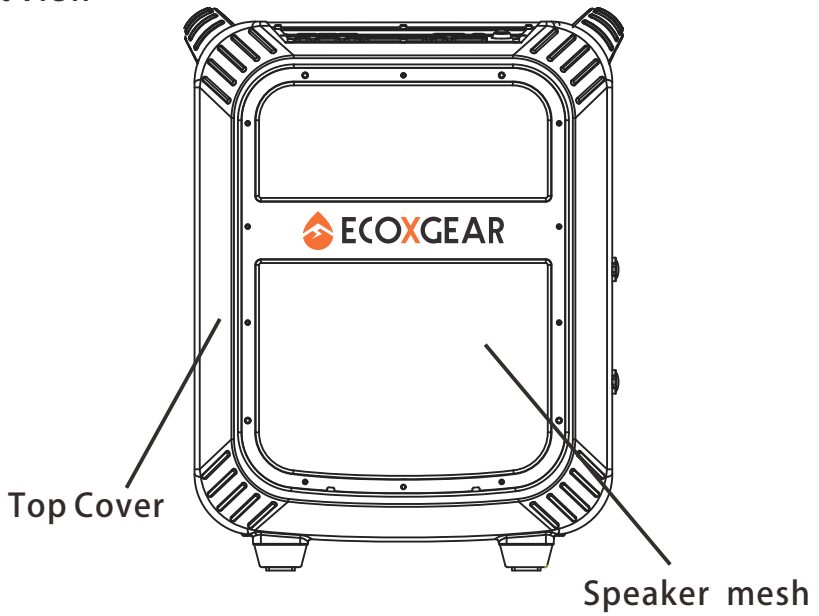
User's Manual

Layout

Top View

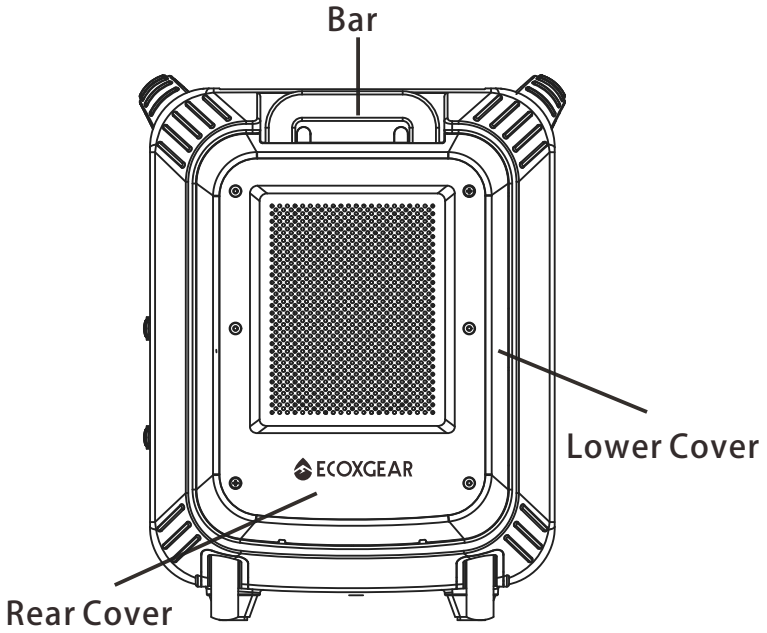


Front View

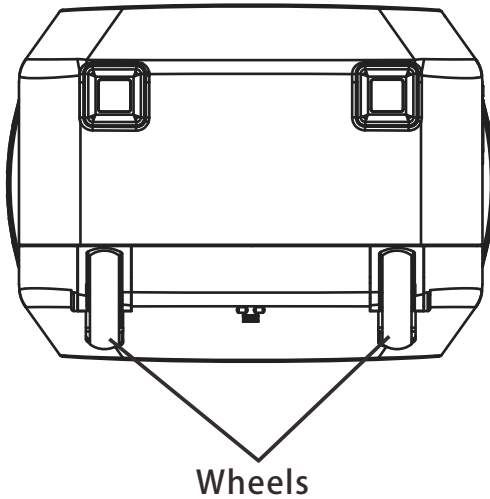


Layout

Rear View



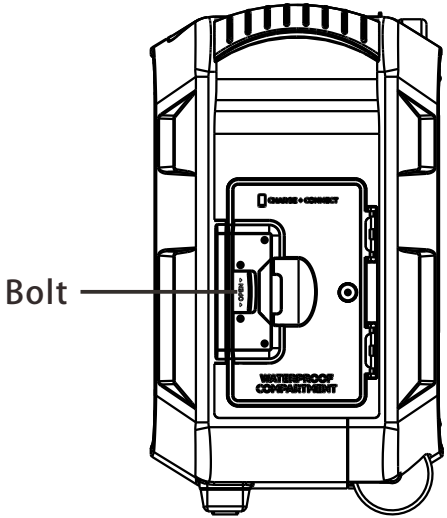
Bottom View



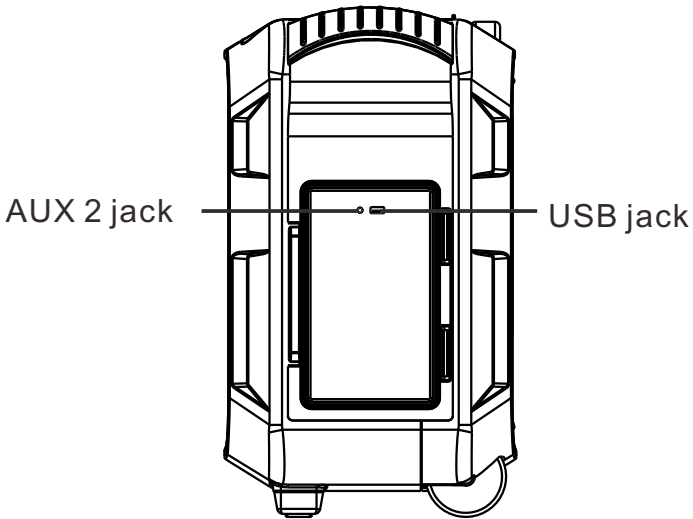
Layout

Side View


Closed

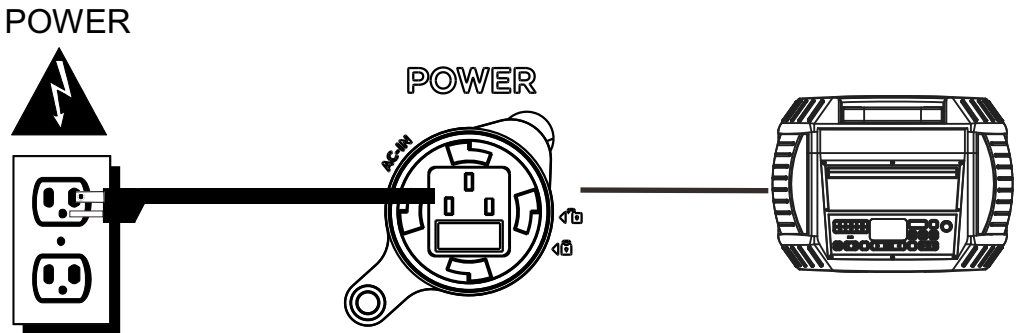


Open



Battery/Charger

Insert the included power cable(as following pictures) to charge the EcoBoulder. Note that the EcoBoulder can be used with the power cable while it simultaneously charges the battery. The  icon will be on when plugged into AC power. When the power cable is connected, movement of the top battery segment shows the battery is charging. When fully charged, all battery segments will be lit without blinking.



Note:

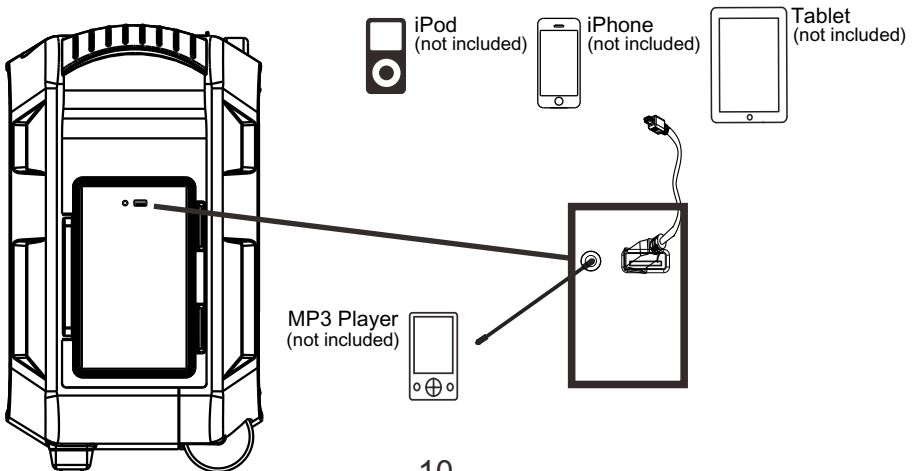
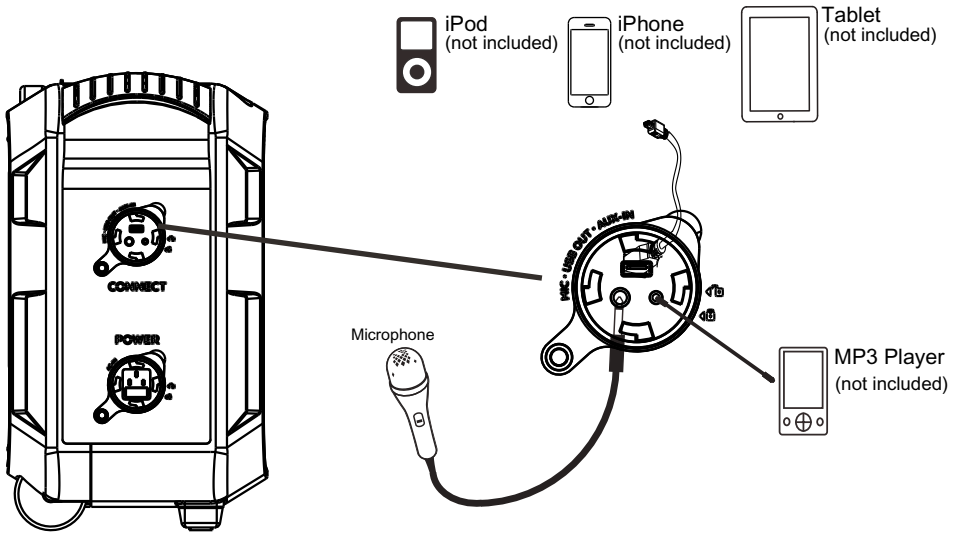
- To avoid the battery leakage, please put the EcoBoulder face down when charging.

Connections

Microphone Input: You can input such as microphone, guitar, or other musical instrument.

Auxiliary(AUX 1, AUX2) Input: This input can be used to connect a CD player, MP3 player.

USB Charging Ports: Connect your device's charge cable here to charge it. USB charging only functions when the EcoBoulder's power is turned on. **Two USB port are totally 3.1A maximum.**



LCD Icons Description



Indicates the battery level of the EcoBoulder.



Indicates the battery is very low.



Indicates the EcoBoulder is charging.



Two EcoBoulders are connected.



When the EcoBoulder is enter the pairing mode, the icon will start flashing.
If the connection is successful, the icon will lit solid.



The EcoBoulder is in the BT mode.



The EcoBoulder is in the FM mode.



The EcoBoulder is in the AM mode.



The EcoBoulder is in the AUX1 mode.



The EcoBoulder is in the AUX2 mode.

V L 0 7

Indicates the speaker volume level of EcoBlouder.

M L 1 5

Indicates the microphone volume level of EcoBlouder.

FM

9 9 . 6

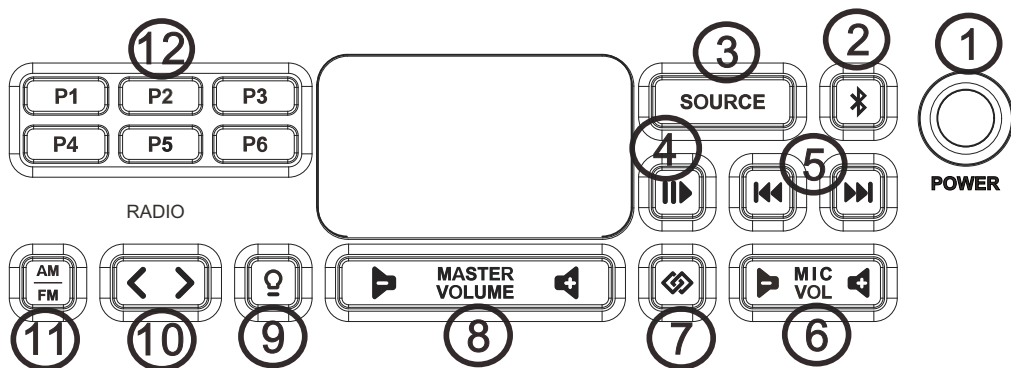
Indicates the current FM station of the EcoBlouder.

AM

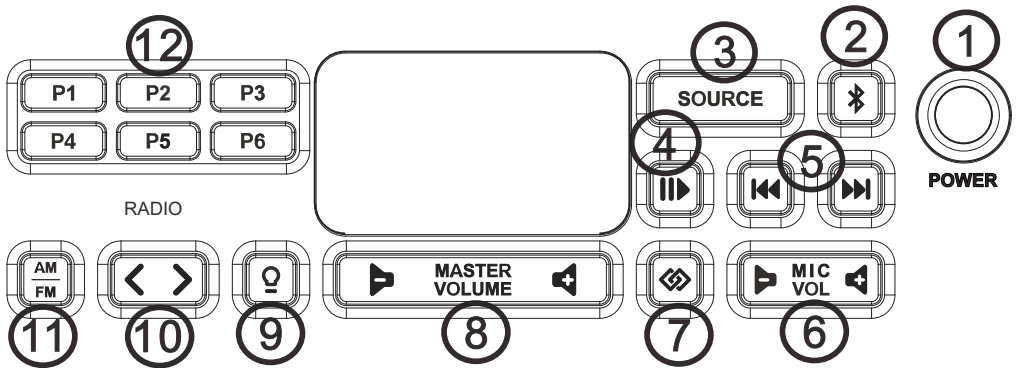
5 2 0

Indicates the current AM station of the EcoBlouder.

Key Functions




- 1. Power Button:** Turns EcoBoulder on or off.
- 2. Bluetooth Button:** Press this button to enter pairing mode. Press and hold this button for 5 seconds to delete the paired device.
- 3. Source Button:** Press this button to switch the next mode between Bluetooth, FM, AM, AUX 1 or AUX 2 cyclically.
- 4. Play/Pause:** Press to play or pause a track from a connected Bluetooth device. During playing, press and hold this button for 2 seconds to switch EQ (Default, Bass Boost, Treble Boost, Rock, Jazz).
- 5. Track Buttons:** Press these buttons to go to the previous/next track on a Bluetooth connected device.
- 6. Microphone Volume Control:** Press to adjust the microphone volume. Press and hold to adjust the volume continually (30 levels are adjustable).
- 7. Link Button:** Press this button on both speakers to link two EcoBoulders together.
- 8. Master Volume Control:** Press to adjust the speaker's main mix volume. Press and hold to adjust the volume continually (30 levels are adjustable).




- 9. Backlight Button:** Turns the back light of buttons on or off.
- 10. Tune Buttons:** Press these buttons to tune in a radio station. To “seek”(jump to the next available station), press and hold either button down for a few seconds until it starts to seek a station.
- 11. Radio Selector:** This button sets the tuner to AM or FM.
- 12. AM/FM Presets:** Store a favorite radio station and quickly tune to a preset radio station. There are 6 positions for AM station and 6 positions for FM stations. Press and hold a preset button(P1~P6) to assign the current station to that preset number. The LCD will flash 2 times to indicate it has been set. To use an added preset, press a preset button(P1~P6) to go to the stored radio station.




Operations

Power On/Off

Power On: in power off mode, press  briefly to power on the EcoBoulder. “Power On, Ready to Connect” verbal response will be heard.

Power Off: Press  briefly to power off the EcoBoulder.

Pairing a Bluetooth Device

1. Turn on your Bluetooth device.
2. Power on EcoBoulder. “Power on, ready to connect” verbal response will be heard.
3. Press  briefly to start pairing to your device. The Bluetooth icon  will start flashing.
4. Navigate to your Bluetooth device’s setup screen, find **ECOXGEAR** and connect.
5. If the connection is successful, the Bluetooth icon  will lit solid and “Connection successful” verbal response will be heard.

Notes:







- If the pairing is not complete within 5 minutes, the speaker will quit the pairing mode. You need to repeat the steps of pairing again.
- After the connection is successful, if you turn the speaker off and turn it on again, it will be connected to the last connected device automatically. Also, a verbal response “Power on, ready to connect” followed by “Connection successful” will be heard.

Delete the Paired device







Press and hold  for 5 seconds to delete the paired device.

Operations


Adjust the Master Volume

1. Press  briefly to adjust the speaker volume.
2. Press and hold  to adjust the speaker volume continually(30 levels are adjustable).
 - a. Press  briefly will increase one sound level.
Or press and hold  will keep increasing one level until reached top level then stop.
 - b. Press  briefly will decrease one sound level.
Or press and hold  will keep decreasing one level until reached bottom level then stop.

Adjust the Microphone Volume







1. Press  briefly to adjust the microphone volume.
2. Press and hold  to adjust the microphone volume continually(30 levels are adjustable).
 - a. Press  briefly will increase one sound level.
Or press and hold  will keep increasing one level until reached top level then stop.
 - b. Press  briefly will decrease one sound level.
Or press and hold  will keep decreasing one level until reached bottom level then stop.

Mode Switch

Press  briefly to switch between Bluetooth, FM, AM, AUX 1 or AUX 2 cyclically.

Operations

Play music(Bluetooth mode)



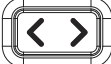

After the EcoBoulder is connected to your Bluetooth device, press  briefly on the EcoBoulder to play, press  again to pause. Press  briefly to play previous song. Press  briefly to get to the next song. During playing, press and hold a  for 2 seconds to switch EQ(Default, Bass Boost, Treble Boost, Rock, Jazz). Press  to adjust the volume.

Notes:

- A music player app is required on your device to support this feature.
- Pair and connect your Bluetooth device with EcoBoulder before using this feature.
- If a call is received when you are listening to music, the music will pause automatically.

Operations

Listening(AM/FM mode)

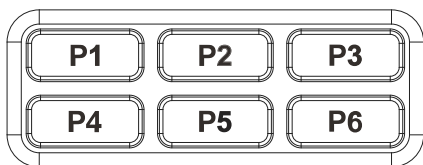
Press  briefly to switch to FM or AM. Also, you can press  briefly to set the tuner to FM or AM cyclically. Press  to tune in a radio station. To “seek”(jump to the next available station), press and hold either button down for a few seconds until it starts to seek a station. Press  to adjust the volume.

AM/FM Presets

Store a favorite radio station and quickly tune to a preset radio station. There are 6 positions for AM station and 6 positions for FM stations. You can store the station you like, follow this steps:

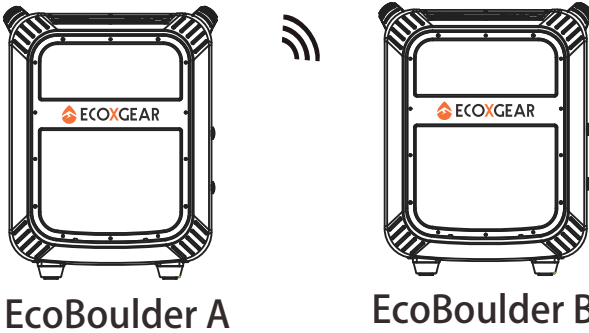
- 1.You should be listening to the station you want to store.
- 2.Press and hold a preset button(P1~P6) to assign the current station to that preset number. The LCD will flash 2 times to indicate it has been set.

If you want to use an added preset, press a preset button(P1~P6) to go to the stored radio station.









Operations

Linking the EcoBoulder A and B together



The EcoBoulder A and B will enter pairing mode automatically after power on. (**Note:** When the EcoBoulder A and B are linked together, there is only one EcoBoulder can be paired with the Bluetooth device).


1. Press  briefly on the EcoBoulder A. The Bluetooth icon  on the EcoBoulder A will start flashing. Press  briefly on the EcoBoulder B. The Bluetooth icon  on the EcoBoulder B will start flashing.
2. After a few seconds, the EcoBoulder A and B are linked, The Bluetooth icon  and link icon  on the EcoBoulder A and B lit solid, “Connection successful” verbal response will be heard.

Note:

- The EcoBoulder A and B will NOT relink automatically the next time they are both power on.

Operations

Master Routing is set to Left, the Slave Routing setting is Right.

Press and hold  to switch the TWS mode. There are 3 mode.

- Master Left, Slave Right
- Master Right, Slave Left
- Master Stereo, Slave Stereo

Troubleshooting

The sound is distorted

- Try lowering the volume control of your sound source or music instrument. Also, try to reduce the overall volume of the EcoBoulder.

Cannot Pair With Bluetooth Device

- Make sure that your device is compatible with Bluetooth.
- Turn off your EcoBoulder and Bluetooth device, then power on and reconnect.

There is a high-pitched whistling noise when using microphones

- This is probably feedback. Point the microphones away from the speaker.

If there is poor AM reception

- To adjust AM reception, move entire product.

If you can't hear the microphone over the music volume

- Turn down the music volume from your source.

Can not play music from a flash drive

- The USB ports are only for charging USB devices.

Specifications

Bluetooth Compliance	Bluetooth V 4.0
Frequency Band	2.402~2.480GHz ISM Spectrum
Modulation	GFSK , $\pi/4$ -DQPSK, 8DPSK
Operating Range	Up to 10m (indoor)
Tweeter	3" (76.2mm) tweeter
Woofer	8" (203.2mm) woofer
Output Power	50 W (peak)
Battery Capacity	12V, 7.0Ah
Power Supply	Input voltage: 100-240V~50/60Hz
Charging Time	About 10 hours
Link	TrueWireless Stereo (TWS)
Link Range	30' (9.1 m) from left to right speaker
Compatibility	Mobile phone/device supporting Bluetooth V1.1 (and above)
Radio Frequency Range	US: AM 520 - 1710 kHz, FM 87.5 - 107.9 kHz
Size	504mm*393mm*287mm