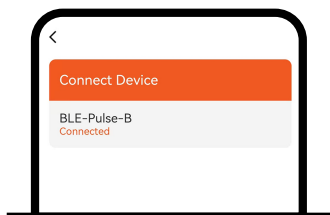
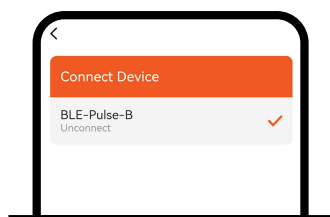
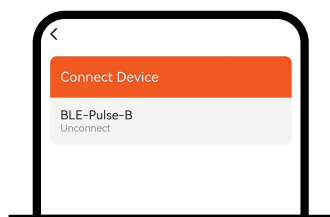
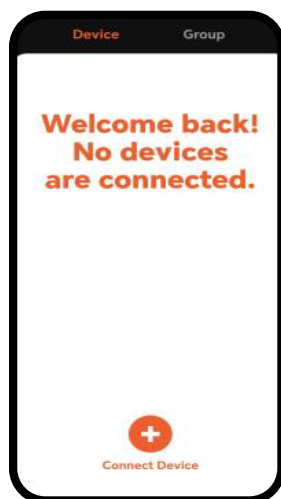


SoundExtreme App

Connect Your SEB Pulse to the SoundExtreme App

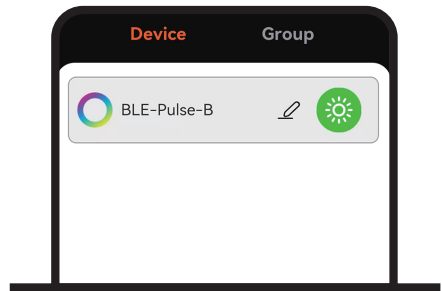
Initial App Connection

1. Launch the SoundExtreme App on your smartphone or other BLE-enabled device.
2. On the SoundExtreme App homepage, tap Connect Device
3. If your SEB Pulse is powered on, it will show up as "BLE-Pulse-B" on the app's Connect Device screen. Tap the device name on the screen. A check mark will appear on the right. Tap the Connect button
4. A dialog window will popup asking you to enter a password. The SEB Pulse default password is 0000.
5. After correct password is entered, the screen will show the SEB Pulse is connected to the App.



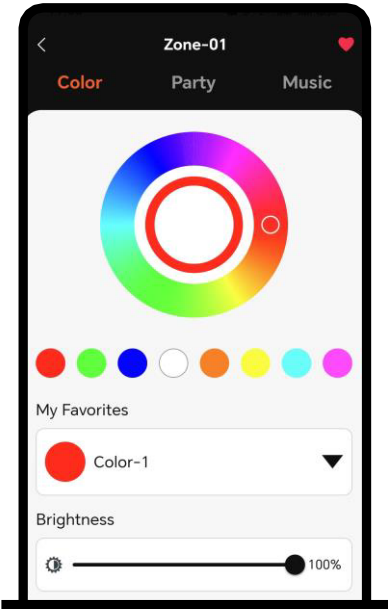
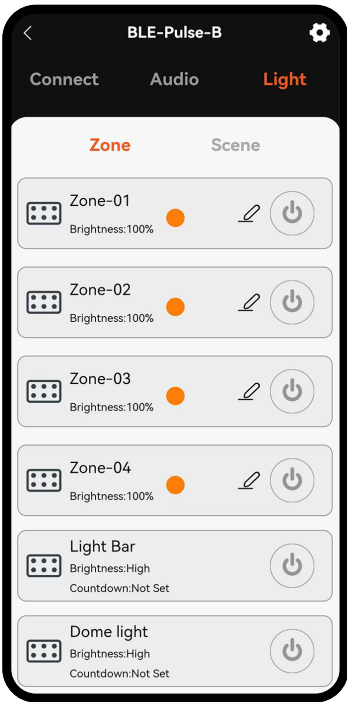
SoundExtreme App LED Control Functions

1. On the Device screen, select your SEB Pulse. It will take you to the Light function Scene screen. There are 5 predefined Scenes on the SEB Pulse. You can turn on one of the 5 Scenes to light up the LEDs.
2. For button at the right for Scene 1. The Party Lights will light up Red, White, and Blue, which is the LED Lighting Mode defined for Scene 1 – Patriot 1.

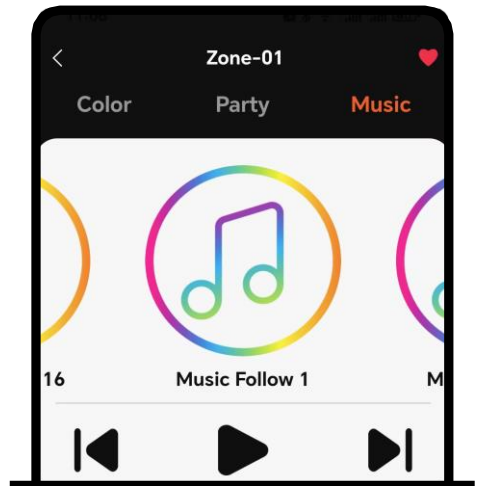
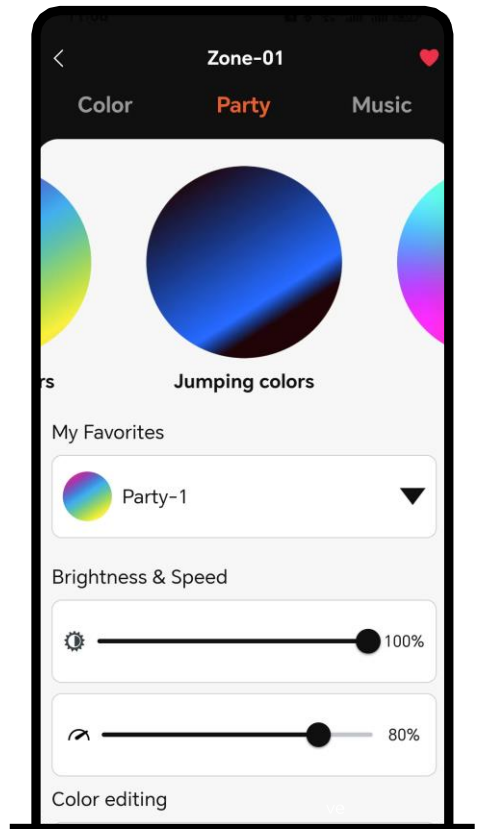


Set Up Zones

1. Tap Zone on the Light function screen, the app will bring you to the Zone screen.
2. On the Zone screen, Tap Zone 1 and you will go to the Zone LED Mode Settings screen. There are 3 tabs: Color, Party, and Music, which allow you to select a solid Color, a Party Mode, or a Music Mode.



- When you choose a Mode, the LEDs connected to the Zone you selected will light up accordingly, giving you a preview.
 - If you tap the Save button on the screen, the app will save your setting for the selected Zone.
 - If you tap the Cancel button or exit the LED Mode Settings screen, your Mode selection will not be saved and LEDs connected to that Zone will display the previously selected LED Mode.
2. After you set up the Modes for each of the Zones, the SEB Pulse setup is complete.



SoundExtreme App

Set Up Scenes

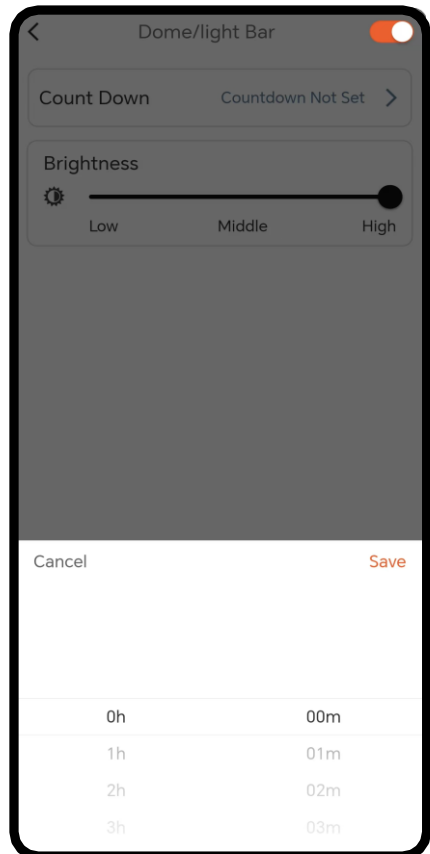
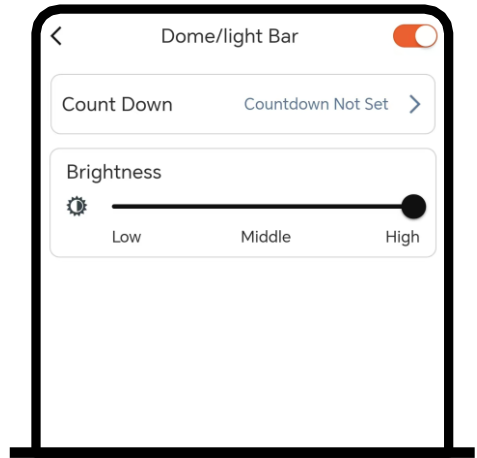
1. On the Device screen, select your SEB Pulse (BLE-Pulse-B) and the app will bring you to the SEB Pulse function screen. Tap Light, the App will show **Scene** screen with 5 predefined scenes on your SEB Pulse.
2. You can change a Scene's LED settings by selecting any of the 5 Scenes. When you select the Scene, you will go to the LED Mode Setting screen. You can use the same procedure as in the **Set Up Zones** section to set up each Zone and save the Scene's new LED settings.
3. After you set up LED Modes for the Zone, the setup is complete for the selected Scene.



Light Bar and Dome Light Control

You can control the SEB Pulse's Dome Light with the following steps:

1. On the Device screen, select your SEB Pulse(BLE-Pulse-B), and the app will bring you to the Zone screen.
2. On the Zone screen, tap Light Bar or Dome Light and you will go to the Light Bar or Dome Light Settings screen.
3. There are 3 Brightness Levels (High, Mid, and Low) on the slide bar for you to choose from.
4. You can also set a countdown timer for the Light Bar or Dome Light by tapping Count Down. Set up a time on the countdown timer from the popup window. Once the countdown is over, the app will turn off the Light Bar or Dome Light



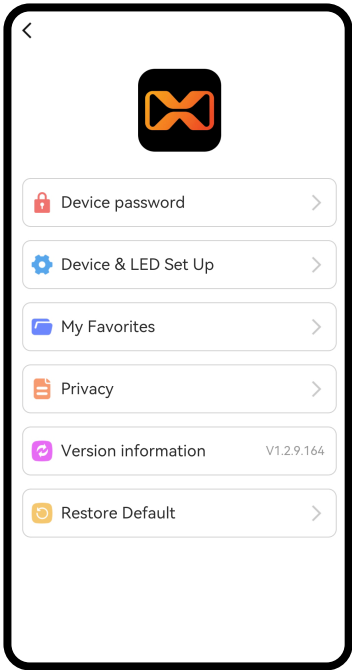
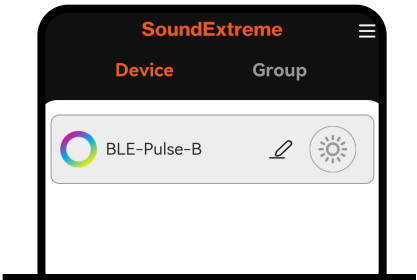
Change Password

To add extra security, you can change the default password of 0000 to your desired 4-digit numeric password. Please note that the password is stored in your SEB Pulse, not the SoundExtreme App. So, after you change the password, please make a note in case you forget your password.

The password won't be reset by reinstalling the app or changing to another smartphone. The only way to reset your password is to conduct a factory reset on your SEB Pulse speaker.

Follow the steps below to change your password:

1. Select the Menu Icon  at the top-right corner of the screen.
2. Select  Device Password from the menu.



3. Once at the Device Password screen, select the device that you want to change the password to.
4. Enter the current password, the new password, and re-enter the new password. Then tap the Confirm button.
5. If the change is successfully saved, the app will display a confirmation message.

This is a one-time event. You do not have to enter in your password every time you launch the app, as your app will remember your password.

The screenshot shows the 'Device password' screen. At the top, there is a back arrow and the title 'Device password'. Below this is a list of devices, with 'BLE-Pulse-B' selected and a chevron icon to its right. Underneath the device list are three input fields: 'Current password', 'New password', and 'Reenter new password'. Each field has a placeholder text 'password'. Below these fields is a note: '* The password is 4 digits'. At the bottom of the screen is a large orange button labeled 'Save'.

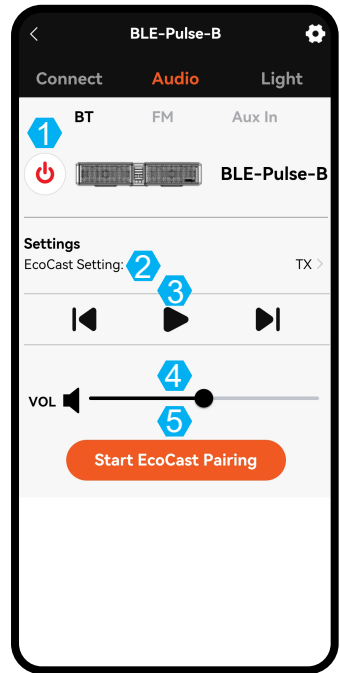
Audio Function Configurations

The SoundExtreme App can act as a remote control to set up the audio functions for your SEB Pulse soundbar.

Bluetooth Function Configuration

When the App is on the BT screen, you can set up the following Bluetooth related functions.

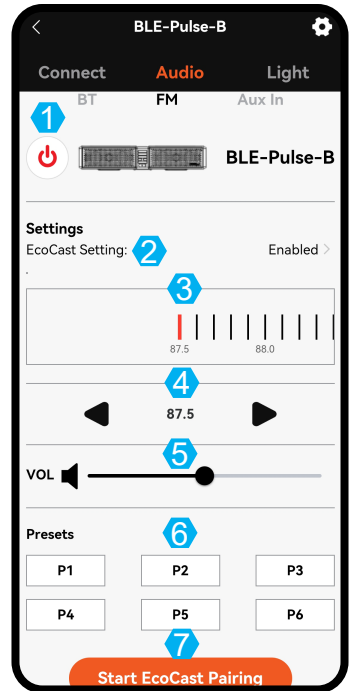
1. Power OFF - Turn off speaker
2. EcoCast Setting – pull-down list of 3 Bluetooth mode settings: BT (Speaker) mode, TX (EcoCast transmitting) and RX (EcoCast Receiving)
3. Playback Control buttons – when the phone has a Bluetooth connection with the and plays a music, the 3 buttons are for skip to last track, play/pause and skip to next control
4. Speaker Volume – the slide bar is to increase or decrease speaker play back volume.
5. EcoCast Pairing button – when the speaker is in EcoCast Transmitting or EcoCast Receiving mode, press this button for the speaker to start EcoCast pairing.



FM Radio Tuning

When the App is on the Radio screen, you can set up the following Bluetooth related functions.

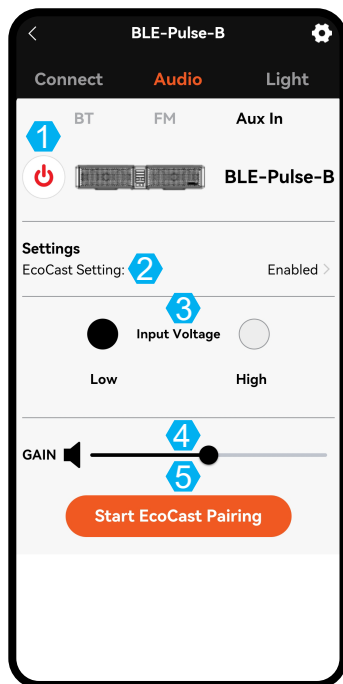
1. Power OFF - Turn off speaker
2. EcoCast Setting – pull-down list of selecting Enable or disable EcoCast streaming the FM radio audio to other EcoCast Receiving speakers.
3. Graphic FM radio station tuner –slide left or right to tune a station
4. Tune up or down FM radio step by step.
5. Speaker Volume – the slide bar is to increase or decrease speaker play back volume.
6. 6 FM Presets - Store up to 6 of your favorite FM radio stations and quickly tune to a preset radio station.
7. EcoCast Pairing button – when the EcoCast is enabled, press this button for the speaker to start EcoCast pairing.



Aux In Function Configuration

When the App is on Aux In screen, the speaker is in the Aux In mode, you can set up the following for the Aux In audio signal processing.

1. Power OFF - Turn off speaker
2. EcoCast Setting – pull-down list of selecting Enable or disable EcoCast streaming the FM radio audio to other EcoCast Receiving speakers.
3. Aux In signal level selection, depending your audio source signal voltage output,
 - Low: audio source signal range (500mV – 3V).
 - High: audio source signal range (3V – 14.5V).
4. Aux In signal input gain – the slider bar is to increase or decrease input gain for the Aux In signal.
Note the speaker sounds output depends on both the input gain and the audio source playback volume.
5. EcoCast Pairing button – when the EcoCast is enabled, press this button for the speaker to start EcoCast pairing.



Factory Reset

If you forget the password, you will need to do a Factory Reset on the SEB Pulse so that the password is reset to its default value: 0000.

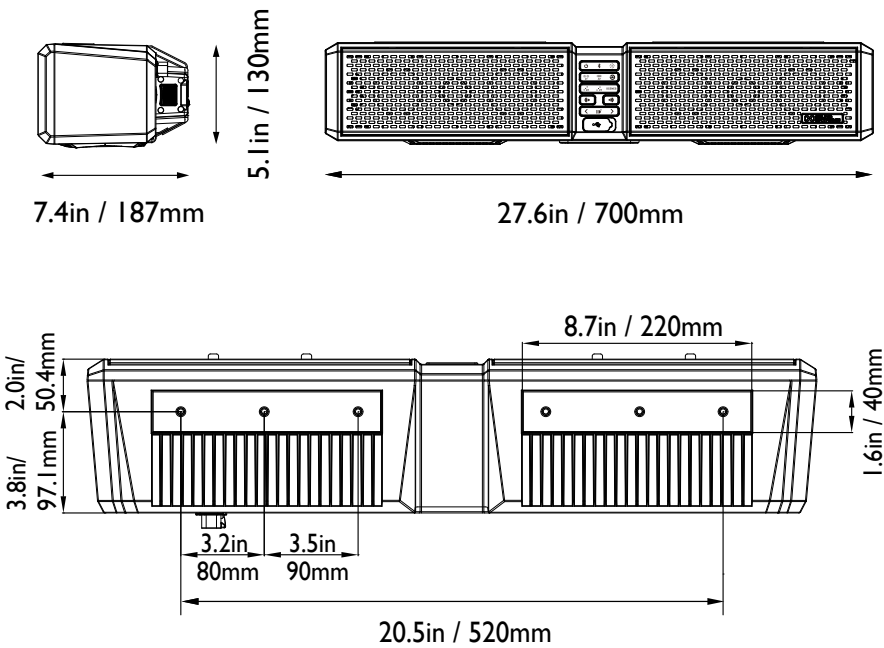
While the SEB Pulse is turned on, **press and hold** the V-, V+, and EcoCast Buttons on the Control Panel at the same time for 3 seconds. The SEB Pulse will produce a prompt triple-beep tone, to show that the reset is successful.

Note: Besides the password reset, a Factory Reset will also configure the SEB Pulse to the following factory settings:

- Zone I is set to Scene I – Patriot I with 100% Brightness and the Speed is set to 80%.
- All 5 customer configurable Scenes are set to the factory default Scenes.
- All the EcoCast and Bluetooth pairing records are erased.
- The Speaker Volume is set to 75%.
- All the 6 FM radio presets are cleared.
- The Aux In Input Voltage range is set to Low, and Gain is set to 75%

Specifications

Unit Dimensions



Unit Weight

13.7 lbs

Battery Weight

2.0 lbs

Charger Weight

0.7 lbs

Bluetooth Compliance

Bluetooth V 5.1

Bluetooth Frequency Band

2.402~2.480GHz ISM Spectrum

Modulation

GFSK, $\pi/4$ -DQPSK, 8DPSK

Bluetooth Range

Up to 100 ft / 30m

Tweeter (2x)

1.5" (38 mm) tweeter

Woofers (2x)

4" (102 mm) woofer

Mid-Range Speaker (4x)

2.25" (57 mm) speaker

Audio Output Power

500W (peak)

Power Supply

12V, 13.4Ah Lithium-Ion
rechargeable battery pack

Battery Charger

Input: 100 - 240 VAC

50/60Hz, 0.6A

Output: 12V, 2.0A

USB Output

5V, 2.1A

EcoCast Range

30 ft / 9.1 m between Casting speaker
and Receiving speakers

Radio Frequency Range

US: FM 87.5 - 107.9 MHz

RF Remote Operating Frequency

433 MHz

Storage Temperature

-40°F to 122°F / -40°C to 50°C

Operating Temperature

23°F to 95°F / -5°C to 35°C

Waterproof / Dustproof Rating

IP66

Important Legal Information

FCC STATEMENT:

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.

WARNING: Changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment.

NOTE: FCC's RF Exposure guidelines, this equipment should be installed and operated with minimum distance between 20cm the radiator to your body.

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.

RF WARNING STATEMENT:

The device has been evaluated to meet general RF exposure requirement. The device can be used in portable exposure condition without restriction.

IC STATEMENT:

This device complies with Industry Canada licence-exempt RSS standard(s). Operation is subject to the following two conditions:

- 1.) This device may not cause interference, and
- 2.) This device must accept any interference, including interference that may cause undesired operation of the device.

PRODUCT USE AND PROTECTION:

Read and follow all instructions. Use only as intended.

The SoundExtreme unit is intended to be used indoors or outdoors and in land or water environments. The unit has been tested to IP66 waterproofing standards, which means the unit can be exposed to dust and water, but should NOT be submerged underwater.

To prevent fire or shock, do NOT attempt to power this unit if it is wet or you suspect water has entered the unit. In this situation, please return the unit to SoundExtreme for a free assessment. If we have found that the unit has carried water, we will repair or replace the unit free of charge.

SAFETY ADVISORY & WARNING:

Read and follow all instructions. Use only as intended.

CAUTION: Do NOT open to repair. A qualified technician must carry out repair work.

ATTENTION: Do NOT connect to a SoundExtreme product with LEDCast technology while the unit is wet. Make sure all connections are dry BEFORE connecting to a power source. Failure to do so may result in electrical damage to the unit and may void the warranty.

 **WARNING:** Cancer and Reproductive Harm - www.P65Warnings.ca.gov

ATTENTION: Do NOT dispose of in a landfill. Contact SoundExtreme at www.gracesupport.com or a certified recycling agent to dispose of the unit.

SAFETY:

This product has a limited life span of use and should be replaced when it shows obvious signs of wear.

Do not modify or remove any original component parts of the speaker. Doing so could cause damage to the unit, allowing water to ingress. A unit with water ingress should not be charged due to potential risk of fire or shock. Please exercise care and good judgment when using your SoundExtreme unit.

You should always

- 1.) Return the unit to SoundExtreme if you suspect water ingress into the unit or if the unit has experienced a severe impact that may have affected the integrity of the unit to take on water.

You should never

- 1.) Never power your SoundExtreme unit if you suspect water has entered the device. Powering a device with water inside could be potentially hazardous and cause fire or a spark.
- 2.) Never use your SoundExtreme unit if you have dropped it or thrown it against a hard surface which may have destroyed the integrity of the housing. In the event of a severe impact to your unit, please return the unit to SoundExtreme to review for potential damage.
- 3.) Never attempt to fix, repair your SoundExtreme unit. Please send it back to SoundExtreme for any assessments and repairs.

CARE, MAINTENANCE & PRECAUTIONS:

- 1.) Do NOT apply excessive force to any surfaces of the unit.
- 2.) Do NOT use or store the unit in places with high temperature.
- 3.) AVOID prolonged exposure to ultraviolet radiation (UV sunlight) and strong magnetic fields.

LIMITED MANUFACTURER'S WARRANTY:

The SEB Pulse is covered by a 2-year limited warranty that covers defects in workmanship and / or materials for a period of 1 year from original purchase date. This warranty does not apply to any products which have been abused, neglected, modified or used for a purpose other than the one for which they were manufactured. Please refer to the above care and maintenance instructions for suggested care details. The warranty is valid only for the original owner who purchases the unit from an authorized dealer. Transfers do not qualify for warranty protection. SoundExtreme reserves the right to replace any out-of-stock or discontinued product with a comparable product. Discontinued products may not be available for warranty replacement. Any contents are NOT covered by the limited manufacturer's warranty. Warranty terms may be revised without notification at the discretion of the manufacturer. Please visit www.soundextreme.us for additional product & warranty information.

Cet appareil est conforme avec Industrie Canada RSS exemptes de licence standard(s). Son fonctionnement est soumis aux deux conditions suivantes:

- (1) cet appareil ne peut pas provoquer d'interférences,
- (2) cet appareil doit accepter toute interférence, y compris celles pouvant causer un mauvais fonctionnement l'appareil.

This Class B digital apparatus complies with Canadian ICES-003.

Cet appareil numérique de la classe B est conforme à la norme NMB-003 du Canada.

Radiation Exposure Statement: This equipment complies with IC radiation exposure limits set forth for an uncontrolled environment. This equipment should be installed and operated with minimum distance 20cm between the radiator & your body.

Déclaration d'exposition aux radiations: Cet équipement est conforme aux limites d'exposition aux rayonnements IC établies pour un environnement non contrôlé. Cet équipement doit être installé et utilisé avec un minimum de 20 cm de distance entre la source de rayonnement et votre corps.



SEB Pulse by SoundExtreme Inc., Houston,
Texas. Designed in Texas. Made in China.