LINEAR SERIES

USERS MANUAL
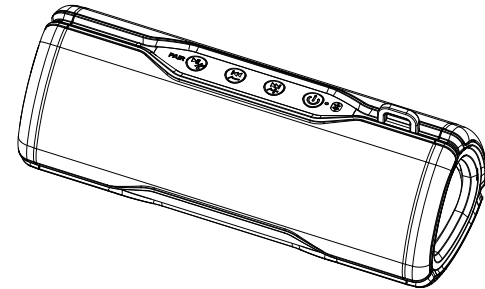
LS-BT1B
Portable Waterproof
Bluetooth Speaker

Thank you for choosing the Linear Series LS-BT1B, the pinnacle of connected Bluetooth audio experience. Leveraging our advanced multi-Link technology, this device seamlessly pairs with up to 99 Linear Series LS-BT1B units. While a single LS-BT1B offers a robust and immersive sound, integrating multiple units across spaces like your home, office, RV, and garage fosters an unparalleled musical ecosystem.

Enhance your outdoor experiences with hands-free calling capabilities. Whether by the pool or on the beach, rely on the LS-BT1B's waterproof design, which can be submerged up to 3 feet and effortlessly floats back to the surface.

Additionally, the LS-BT1B seamlessly synchronizes with your Bluetooth-enabled TV, ensuring zero delay or buffering in the audio.

For a comprehensive understanding of all features and functionalities, we recommend thoroughly reviewing this manual prior to use. We appreciate your trust in our product.
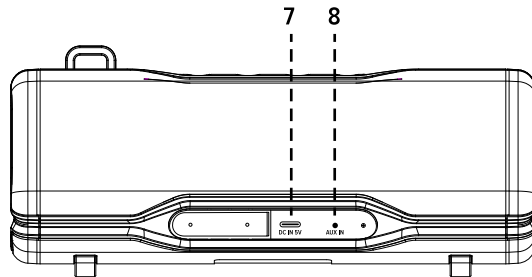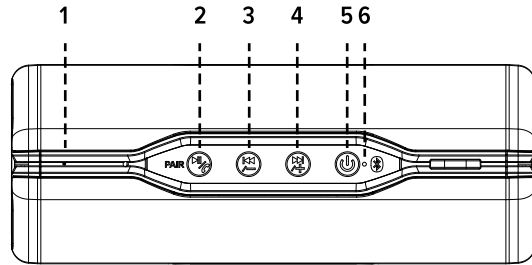
1 Built in Mic
2 Play / Pause / Phone / Pair Button
3 Previous Track / Volume Down Button
4 Next Track / Volume Up Button
5 Power ON / OFF, Broadcast Button
6 LED Indicator
7 Charging / Data Port
8 AUX in Port

Specs

Bluetooth Profiles: A2DP, HFP, AVRCP
Bluetooth Version :5.2
Bluetooth Range: 33ft
Battery: Li-Ion 3.7V, 2000 mAh
Charging: 5V @ 1A
Dimensions: L:202 mm * W 76.6 mm* D

88.6 mm
Output :6W x 2 ,total 12Watts
Frequency :2.402-2.480GHz
Frequency response: 50Hz-20KHz
THD:≤1%

Included with the LS-BT1B
- 2 USB micro Type C Charging Cables
- 3.5mm AUX Cable
- Mounting bracket w/ Velcro straps (Mounting screws)

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.
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

OPERATION:

Powering On
Press and hold 🔘 button until a voice prompt says "Power On", the Blue LED will start to flash. A voice prompt will then say "Pairing." The device is now in pairing mode. If a previously paired BT device is nearby, the speaker will automatically pair to that source unit.

Aux Connection
If an Aux (3.5 mm) cable is connected to the unit, a voice prompt will say "Aux". An AUX cable is connected to the device.

USB Connection
If the USB charging cable is connected to a source device a voice prompt will say "USB Mode".

Next / Volume +
While streaming audio by holding the 🔘 button, (If the streaming app allows) the device will skip to the next track. By tapping 🔘 button, the volume will increase on the speaker. When the speaker reaches max volume a voice prompt will say "Maximum Volume".

Previous/Volume
While streaming audio by holding the 🔘 button, (If the streaming app allows), the device will skip back to the previous track. By tapping 🔘, the volume will decrease on the speaker.

Play/Pause/Phone/Pair
While streaming audio, by tapping the 🔘 button, (if the streaming app allows), the device will pause the track. By tapping the button again, the device will resume the track. If receiving incoming call the device will play a ringtone, or on select devices will repeat "Incoming Call". By tapping this button the phone call will be answered. *See Making and Receiving Phone Calls for more details.* By holding 🔘 , the device will re-enter pairing mode. *See Bluetooth Mode instructions for more details.*

Powering Off
Press and hold 🔘 button until a voice prompt can be heard saying "Power Off."

Bluetooth Mode
Pairing
The unit will automatically go into "Pairing Mode" when it is powered ON. Go into your Bluetooth (source unit) device settings menu and look for **"LSBT1B-XXXXX"** After the unit has paired a voice prompt will say "Connected".

If the device is in range with a previously paired Bluetooth device it will re-connect automatically when the unit is powered on. By holding the 🔘 button, the device will re-enter pairing mode and disconnect to any previously connected BT device. A voice prompt will say "Pairing."

Note: Bluetooth Timeout: 10 Minutes.

Making and Receiving Phone Calls
When the unit is connected and paired to your device, the unit allows you to make or receive phone calls with its built-in microphone. Press 🔘 to accept a call. To end a call press 🔘 . To place a call, simply dial the number or select a contact from your Bluetooth device and call. To reject a call, press and hold 🔘 for 3 seconds.

When receiving a phone call, a ringtone will interrupt any audio streaming. On some devices a voice prompt will repeat "Incoming Call."

Aux-In Mode
Plug in the supplied 3.5mm cable into the unit and the other end into the streaming device. A voice prompt will say "Aux". The device is in Aux mode. Please note music and volume can be controlled by your device.

Charging
Attach the supplied USB cable to the unit and plug into any compatible USB charger. If the unit is completely drained it will take approximately 4 hours to fully charge. A Red LED will illuminate during charging, when it has completed, the Red LED will turn off. The device can be used while charging, but this will affect charging time. When battery is low a voice prompt will say "Battery Low" periodically until the device is plugged in to charge.

USB Mode
Attach the supplied USB cable to the unit and plug into any compatible source unit (TV, Laptop, etc.). A voice prompt will say "USB Mode." The speaker will now play audio from the connected source device (Additional steps may need to be taken on the source device to choose the connected LS-BT1B as the dedicated speaker).

Broadcast Mode
If you have 2 more compatible Linear Series BT devices you can use the broadcast function.
1. Power on every speaker/device you want to connect.

2. Tap 🔘 on the unit you want to be the control speaker. A voice prompt will say "Broadcast Audio Enabled".

3. Once paired a voice prompt will say "Broadcast Mode Enabled." Subsequent speakers can be added now by tapping the 🔘 on any new units.

4. On the BT streaming device search for **"LSBT1B-XXXXX"** and select it. A voice prompt will say "Connected". The main speaker will flash with a Blue LED. The connected speakers will maintain a solid Blue LED light. Audio streaming features can be controlled from the speaker with a flashing Blue LED (Control unit).

5. To power off all speakers hold the 🔘 button on the control unit. To disconnect a singular paired speaker (not the control unit) simply tap the 🔘 and this speaker is ready to be paired to a different BT device.

Mounting Bracket
The LS-BT1B speaker includes a mounting bracket with Velcro straps. To install screw mounting bracket into desired area via the 4 mounting screw holes. Firmly press the speaker into the mounting bracket. Feed Velcro strap through eyelid on LS-BT1B speaker and back through mounting bracket eyelid. Feed second Velcro strap from bottom eyelid hole over the speaker and back through eyelid hole on top of bracket. The rubber charging cover can easily be accessed while device is seated in mounting bracket.

4 Mounting Holes
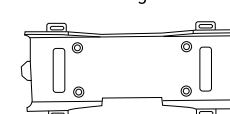
Velcro Straps
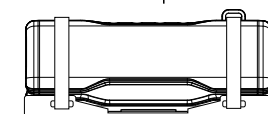
Troubleshooting

Unit doesn't connect to device	Speaker needs to be connected/re-paired to device
A tone is heard every few seconds	Speaker needs to be charged
Unit will not power on	Speaker needs to be charged
Unit doesn't control track(s)/volume	Speaker needs to be in Bluetooth mode for full control
Unit distorts at high volume	The devices' volume needs to be lowered
Low Volume but speaker voice prompt says "Max Volume	Check paired device volume or application volume

LS-BT1B_UM