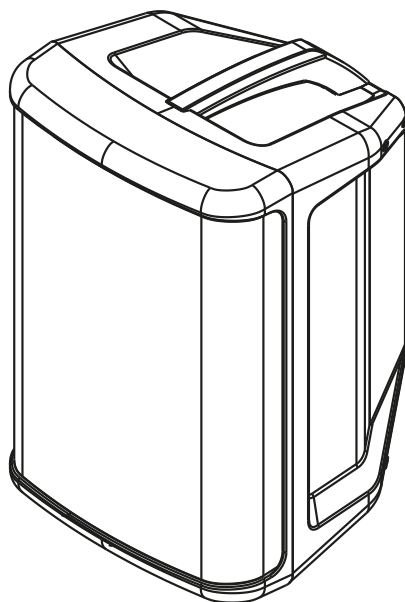


Berlingtone

BR-08SP

USER MANUAL



FEATURES

- Compact plastic with lightweight design
- Integrated lithium battery for convenient portable sound for various applications
- Up to 5 hours playing time
- 500W high-power output with DSP processing
- Multi-position use

DESCRIPTION

The Berlingtone BR-08SP is a battery-powered PA speaker designed for musicians, DJs, and presenters. Lightweight and portable, it brings professional sound to any performance, whether your stage is the beach or the boardroom.

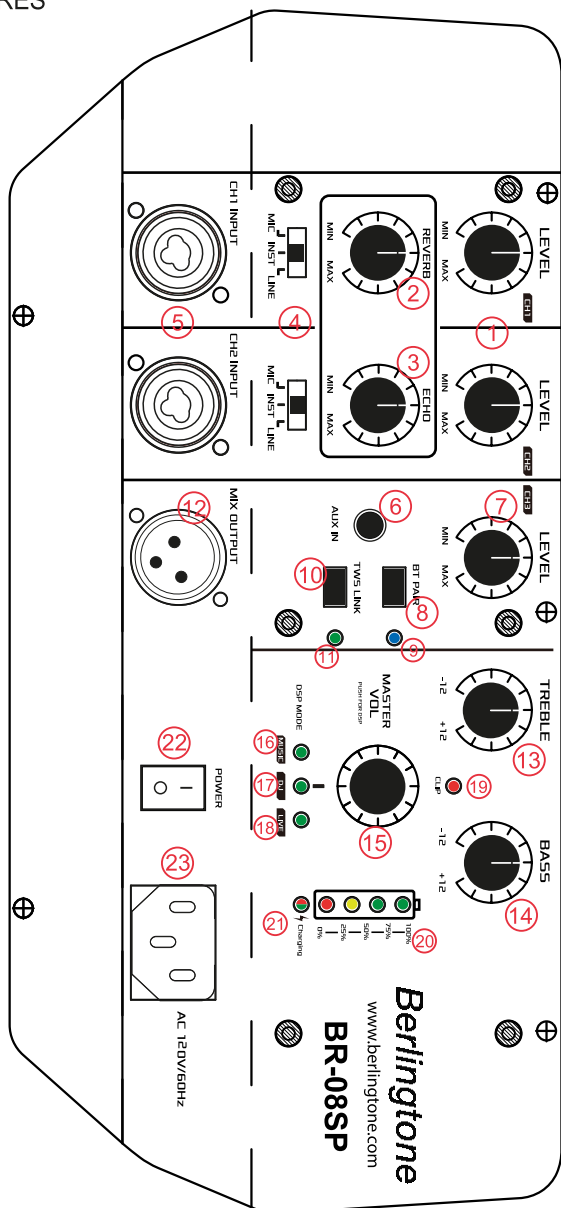
The Berlingtone BR-08SP is a 2-way system with an 8-inch woofer for low frequencies, and 1.35-inch high-frequency tweeter. Built DSP processing inside with Bi-amplifier. The result is efficient, balanced, full-range sound with powerful bass, and crisp highs.

The speaker offers a minimum of 5 hours of battery life per charge, even at high output levels, for dependable performance at long events. Whether it's a seminar, spin class, or street party, the Berlingtone BR-08SP brings extraordinary sound to extraordinary places.

TECHNICAL SPECIFICATIONS

Acoustical specifications	Frequency Response:	50 Hz + 20 KHz
	Max SPL @ 1m:	110 dB
	Horizontal coverage angle:	
	Vertical coverage angle:	
Transducers	Woofer:	8"
	Tweeter:	1.35"
Input/Output section	Input signal:	bal/unbal
	Input connectors:	XLR, Jack
	Output connectors:	XLR
	Input sensitivity:	-40 dBu / 0 dBu
Processor section	Crossover Frequencies:	2000 Hz
	Protections:	OCP/OVP
	Limiter:	Soft Limiter
	Controls:	Music/DJ/LIVE
Power section	Total Power:	500 W Program
Size	Height:	400 mm
	Width:	270 mm
	Depth:	280 mm
	Weight:	8 kg
Shipping informations	Package Height:	470 mm
	Package Width:	310 mm
	Package Depth:	325 mm
	Package Weight:	9 kg

REAR PANEL FEATURES AND CONTROLS



- 1 VOLUME CONTROL FOR INPUTS (INPUT 1 / INPUT 2)**
These dedicated volume controls manage the audio levels of input sources, such as microphones, line inputs, and auxiliary equipment.
- 2 MICROPHONE REVERB (ONLY INPUT 1 / INPUT 2)**
Activate this effect to introduce depth and ambience to microphone inputs 1-2, enhancing the quality and richness of the audio sound.
- 3 MICROPHONE ECHO (ONLY INPUT 1 / INPUT 2)**
These dedicated volume controls manage the audio levels of input sources, such as microphones, line inputs, and auxiliary equipment.
- 4 INPUT SELECTOR SWITCH (INPUT 1 / INPUT 2)**
Switch between microphone, equipment sources, and line input, enabling correct signal management for the master audio output.
- 5 COMBO INPUT (INPUT 1 / INPUT 2)**
Featuring both balanced XLR and unbalanced jack signal input capabilities, this versatile input allows connection to variety of professional audio sources.
- 6 AUX INPUT**
This input is tailored for the seamless integration of suitable external devices into the audio system via 3.5mm minijack.
- 7 AUX AND BLUETOOTH INPUT VOLUME CONTROL**
These dedicated volume controls manage the audio levels of input sources, such as aux inputs and bluetooth inputs, line inputs.
- 8 BLUETOOTH PAIRING BUTTON**
For connecting bluetooth device or disconnecting bluetooth. (See page 5)
- 9 BLUETOOTH PAIRING LED**
For showing Bluetooth status. Blinking is waiting for connection. Solid lights means that devices are connected successfully.
- 10 TWS LINK BUTTON**
For connecting two speakers to create a stereo sound. (See page 5)
- 11 TWS LINK LED**
For showing the TWS LINK status. Blinking means that the device is waiting for connection. Solid lights means that devices are connected successfully.
- 12 MIX OUTPUT**
The MIX OUTPUT XLR connection sends the mono mixed signal to devices with line-level inputs, such as external active speakers.
- 13 TREBLE CONTROL**
Adjust this knob to increase or decrease the high (treble) frequencies of this speaker.
- 14 BASS CONTROL**
Adjust this knob to increase or decrease the low (bass) frequencies of this speaker.

15 MASTER VOLUME AND DSP PRE-SET CONTROL

Adjust this knob to increase or decrease the volume of this speaker. Default 0dB, Max +10dB.

Push for DSP setting (Music / DJ / LIVE)

1. MUSIC - This preset is recommended for all regular applications.
2. DJ - This preset is recommended for club or party applications.
3. Live - This preset is recommended for live show or other application with smooth low frequency response.

16 DSP STATUS - MUSIC MODE LED (Default)

17 DSP STATUS - DJ MODE LED

18 DSP STATUS - LIVE MODE LED

19 CLIP LED

Indicates the signal to the speaker is too high, resulting in a clipped signal into the speaker. Reduce the input level knob or turn Master Volume down.

20 BATTERY INDICATORS

These LED indicators provide real-time information on battery status. A red indicator suggests low battery and should prompt recharging.

21 BATTERY CHARGING INDICATORS

This LED indicators battery charging status. Red means is charging . Green means that the battery is fully charged.

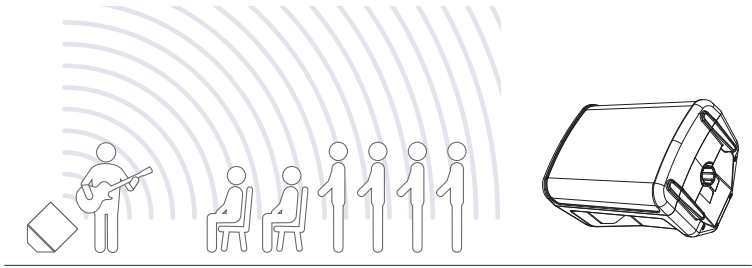
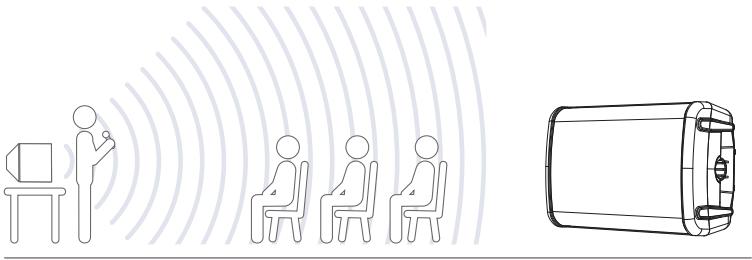
22 POWER

POWER ON/OFF the speaker

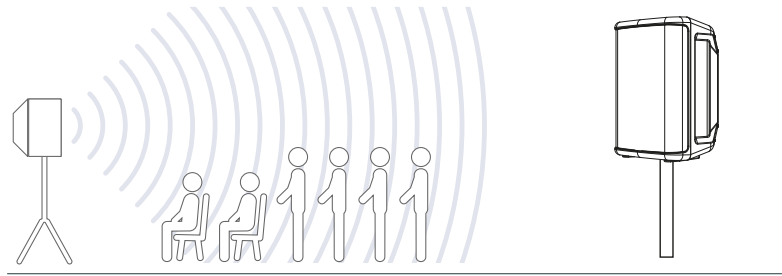
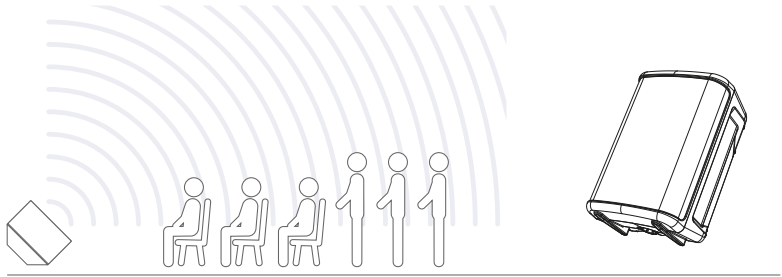
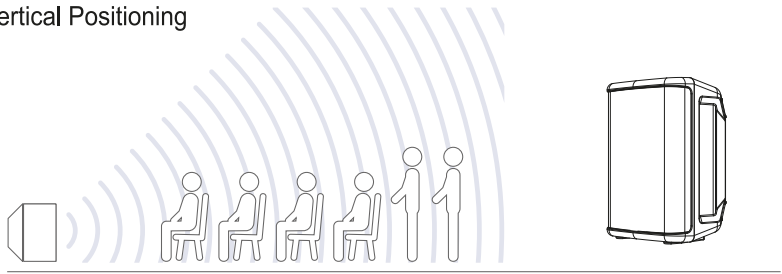
23 AC POWER SOCKET

Use the included power cord to connect the device to an AC power supply for charging. AC voltage input from 120v 60Hz.

Horizontal Positioning



Vertical Positioning



BLUETOOTH PAIRING

1. Turn on the power of the speaker. The Bluetooth LED (9) will start blinking.
2. Go to the Bluetooth menu of your mobile device and select "Berlingtone" to pair the device.
3. The Bluetooth LED lights up and solid as soon as the devices are properly paired.

Disconnect Bluetooth device by pressing and holding bluetooth button (8) for 3 sec

TWS LINK

To create a stereo sound ensure both speakers are powered off first.

Access Bluetooth application on the phone and select option to forget or remove "Berlingtone" from your phone, so it won't interfere with TWS connection.

1. Turn on both speakers. Choose the speaker which you want as the master (the master speaker is the one who will control the music)
2. Press "TWS" button for 1 Sec (it will link automatically) Once linked successfully, the TWS LED will stop blinking.
3. Go to the Bluetooth menu of your phone and select "Berlingtone" to pair bluetooth.

Disconnect TWS, by pressing and holding TWS button for 3 sec



In accordance with the provisions of the Act of 1 July 2005 on waste electrical and electronic equipment, it is prohibited to place it together with other waste. A user who intends to dispose of this product is obliged to return used electrical and electronic equipment to a waste equipment collection point. Collection points are operated, inter alia, by wholesalers and retailers of such equipment and by communal organisational units operating as waste collectors. The aforementioned statutory obligations were introduced in order to limit the quantity of waste electrical and electronic equipment and to ensure appropriate levels of collection, recovery and recycling of waste equipment. Proper implementation of these obligations is particularly important in the case of waste equipment containing hazardous components, which have a particularly negative impact on the environment and human health.



What is RoHS?

RoHS (restriction of use of certain Hazardous Substances In Electrical and Electronic Equipment) is a European Union Directive that restricts 6 hazardous materials in the manufacture of various types of electronic and electrical equipment.

FCC WARNING

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.

Note: The Grantee is not responsible for any changes or modifications not expressly approved by the party responsible for compliance. Such modifications could void the user's authority to operate the equipment.

The device has been evaluated to meet general RF exposure requirement.

To maintain compliance with FCC's RF exposure guidelines, the distance must be at least 20 cm between the radiator and your body, and fully supported by the operating and installation configurations of the transmitter and its antenna(s).