

LyxPro SPA15BAT

LyxPro SPA-15BAT Active PA Rechargeable Battery Speaker System User Manual

Model: SPA-15BAT

INTRODUCTION

The LyxPro SPA-15BAT is a versatile 15-inch active PA rechargeable battery speaker system designed for various audio applications, including music playback, indoor and outdoor parties, and public speaking. It features Bluetooth connectivity, MP3 playback via USB and SD card, and multiple input options for microphones and instruments. Its portable design with a foldable carry handle and wheels ensures ease of transport and setup.



Figure 1: Front view of the LyxPro SPA-15BAT speaker, highlighting its robust design and speaker components.

WHAT'S IN THE BOX

Upon unboxing your LyxPro SPA-15BAT system, please ensure all the following components are present:

- 1 x LyxPro SPA-15BAT Active PA Speaker System
- 2 x Wireless Hand-Held Microphones
- 1 x IR Remote Control
- 1 x Power Cord



Figure 2: The LyxPro SPA-15BAT speaker with its essential accessories, including the power cord and remote control.

FEATURES

- **Powerful Audio Output:** Professional powered 15-inch active DJ/PA amplifier system with 70 Watts maximum output power.
- **Wireless Connectivity:** Built-in Bluetooth for seamless connection to smartphones and music players (up to

10 meters range).

- **Versatile Media Playback:** Onboard intuitive music controls for MP3 EQ control section, SD Card Slot, and USB Input.
- **Multiple Inputs:** R/L RCA Inputs with Per-Input Level Knobs, XLR 1/4" Inputs with Mic/Line switch for diverse audio sources including microphones and instruments (e.g., guitar, keyboard).
- **Integrated Microphones:** Includes two wireless hand-held microphone transmitters for vocal performances or public speaking.
- **Portable Design:** Features a foldable carry handle and easy-carry wheels for convenient transportation.
- **Rechargeable Battery:** Built-in rechargeable battery provides approximately 4 hours of operation on a full charge.
- **Expandable System:** Daisy-chain multiple active/passive speakers using a simple XLR cable for larger setups.

SETUP

1. **Unpacking:** Carefully remove the speaker system and all accessories from the packaging.
2. **Initial Charge:** Before first use, fully charge the speaker's internal battery. Connect the provided power cord to the AC 115V/60Hz input on the rear panel and plug it into a standard wall outlet. The charging indicator will illuminate. Charging time is approximately 4 hours.
3. **Antenna Setup:** Extend the VHF wireless microphone antennas located on the rear panel for optimal wireless microphone performance.
4. **Positioning:** Place the speaker on a stable, flat surface. For enhanced sound projection, the speaker can be mounted on a compatible speaker stand using the integrated stand mount with tightening screw on the bottom.

**EASILY MOUNTS TO
A SPEAKER STAND**



Figure 3: The LyxPro SPA-15BAT speaker can be easily mounted on a standard speaker stand for optimal sound dispersion.

OPERATING INSTRUCTIONS



Figure 4: Detailed view of the LyxPro SPA-15BAT rear control panel, showing various inputs and adjustment knobs.

Powering On/Off

- Locate the POWER SWITCH on the rear panel.
- Flip the switch to the 'ON' position to power on the speaker.
- Flip the switch to the 'OFF' position to power off the speaker.

Bluetooth Connection

1. Ensure the speaker is powered on.
2. Press the 'MODE' button on the MP3/WMA Player section until 'Bluetooth' mode is selected (indicated on the display).
3. On your Bluetooth-enabled device (smartphone, tablet, etc.), search for available Bluetooth devices.
4. Select 'LyxPro SPA-15BAT' from the list to pair. A confirmation tone will sound upon successful pairing.
5. Adjust the 'VOLUME' knob on the MP3/WMA Player section and the main 'VOLUME' knob for desired audio level.

MP3/WMA Playback (USB/SD Card)

1. Insert a USB drive or SD card containing MP3/WMA audio files into the respective slot on the MP3/WMA Player section.
2. The speaker should automatically switch to USB/SD mode and begin playback. If not, press the 'MODE' button to select the correct source.
3. Use the playback controls (Play/Pause, Next/Previous Track) on the MP3/WMA Player section or the remote control.
4. Adjust the 'VOLUME' knob on the MP3/WMA Player section and the main 'VOLUME' knob for desired audio level.

Microphone and Instrument Inputs

- **Wired Microphones/Instruments:** Connect your wired microphone or instrument (e.g., guitar) to the MIC 1 (Guitar Input) or MIC 2 (XLR/1/4" combo) inputs. Adjust the corresponding 'MIC VOLUME' knob and the main 'VOLUME' knob.
- **Wireless Microphones:** The included wireless microphones will automatically connect when powered on and within range. Adjust their individual volume using the 'VOL A' and 'VOL B' knobs in the VHF WIRELESS MICROPHONES section.
- **Echo Control:** Use the 'ECHO' knob to add reverberation to microphone inputs.

Audio Adjustment (EQ)

- Use the 'TREBLE' knob to adjust the high-frequency response of the audio.
- Use the 'BASS' knob to adjust the low-frequency response of the audio.

Linking Multiple Speakers (Daisy Chain)

To connect multiple active or passive speakers, use an XLR cable from the 'LINE IN MIX OUT' XLR output of the SPA-15BAT to the input of another speaker. This allows you to expand your sound system for larger venues.

MAINTENANCE

- **Cleaning:** Wipe the speaker's exterior with a soft, dry cloth. Avoid using harsh chemicals or abrasive cleaners.
- **Storage:** Store the speaker in a cool, dry place away from direct sunlight and extreme temperatures.
- **Battery Care:** For optimal battery life, avoid fully discharging the battery frequently. Recharge the battery regularly, even if the speaker is not in use for extended periods.
- **Fuse Replacement:** If the speaker does not power on, check the FUSE 250V compartment on the rear panel. Replace with a fuse of the same type and rating if necessary.

TROUBLESHOOTING

Problem	Possible Cause	Solution
No power	Power cord not connected; Power switch off; Blown fuse; Low battery	Ensure power cord is securely connected and plugged in; Turn power switch ON; Check and replace fuse if blown; Charge the battery.

Problem	Possible Cause	Solution
No sound output	Volume too low; Incorrect input selected; Input device issue; Cable connection issue	Increase main volume and individual input volumes; Press MODE to select correct input (Bluetooth, USB, SD, Aux); Check if input device is playing audio; Ensure all cables are securely connected.
Bluetooth not pairing	Speaker not in Bluetooth mode; Device too far; Interference; Speaker already paired	Press MODE to select Bluetooth mode; Move device closer to speaker (within 10m); Reduce interference from other wireless devices; Disconnect from previously paired devices.
Wireless microphone not working	Microphone off; Low microphone battery; Antennas not extended; Volume too low	Ensure microphone is ON; Replace microphone batteries; Extend both VHF antennas on the rear panel; Increase microphone volume knobs (VOL A/B) and main volume.

SPECIFICATIONS

Feature	Detail
Model	SPA-15BAT
Speaker Size	15 Inches (Woofer Diameter)
Speaker Type	Built-in
Maximum Output Power	70 Watts
Impedance	4 Ohm
Power Source	Battery Powered (Rechargeable)
Battery Life	Approx. 4 Hours
Charging Time	Approx. 4 Hours
Wireless Technology	Bluetooth
Bluetooth Range	10 Meters
Connectivity Protocols	Bluetooth, USB
Connectivity Technology	XLR, 1/4", RCA, USB, SD Card
Included Components	2 wireless hand-held microphones, IR remote, power cord
Product Dimensions (D x W x H)	13.7" x 12.9" x 26.3"
Item Weight	36.2 pounds
Material	Plastic
Color	Black
Mounting Type	Tabletop Mount

Feature	Detail
Recommended Uses	For Music Playback, Indoor & Outdoor Parties, Public Speaking

WARRANTY & SUPPORT

The LyxPro SPA-15BAT speaker system comes with a **Limited Warranty**. For specific terms and conditions, please refer to the warranty card included with your product or contact LyxPro customer support.

For technical assistance, troubleshooting, or warranty claims, please contact LyxPro customer support through their official website or the contact information provided in your product packaging. Please have your model number (SPA-15BAT) and proof of purchase ready when contacting support.