

LyxPro SPA15

LyxPro SPA-15 15-Inch PA Active Speaker System User Manual



1. PRODUCT OVERVIEW

The LyxPro SPA-15 is a 15-inch active PA speaker system designed for versatile audio applications. It features integrated Bluetooth connectivity, an MP3 player with USB and SD card slots, and multiple input options for microphones, line-level devices, and auxiliary sources. The system includes an equalizer for sound adjustment and a mix output for linking additional speakers.



Figure 1: Front view of the LyxPro SPA-15 speaker.

Key Features:

- **15-inch Powered Active Speaker:** Delivers 180 Watts of power for clear audio projection.
- **Bluetooth Connectivity:** Allows wireless audio streaming from compatible devices.
- **Integrated MP3 Player:** Supports playback from USB drives and SD cards.
- **Multiple Inputs:** Includes XLR, 1/4", 3.5mm, and RCA inputs for various audio sources.
- **Built-in Equalizer:** Provides adjustable treble and bass controls.
- **Mix Output:** Enables daisy-chaining to additional active or passive speakers.
- **Portable Design:** Features carry handles for easy transport.

2. SAFETY INSTRUCTIONS

- Read all instructions before operating the speaker.
- Keep the speaker away from water or moisture. This product is not waterproof.

- Do not block any ventilation openings.
- Do not install near any heat sources such as radiators, heat registers, stoves, or other apparatus that produce heat.
- Protect the power cord from being walked on or pinched.
- Only use attachments/accessories specified by the manufacturer.
- Unplug the speaker during lightning storms or when unused for long periods.
- Refer all servicing to qualified service personnel.

3. PACKAGE CONTENTS

- LyxPro SPA-15 Active PA Speaker System
- AC Power Supply Cable
- Remote Control



Figure 2: Included accessories with the LyxPro SPA-15 speaker.

4. CONTROLS AND CONNECTIONS

The rear panel of the LyxPro SPA-15 provides all necessary controls and input/output connections for operation.



Figure 3: Rear control panel of the LyxPro SPA-15.

- **USB/SD MP3 Digital Player:** For playing audio files from USB drives or SD cards. Includes mode, play/pause, skip, and repeat controls.
- **Volume 1 (Mic/Line Input):** Controls the volume for the XLR and 1/4" inputs.
- **Mic/Line Input (XLR & 1/4"):** Connect microphones or line-level instruments.
- **Volume 2 (Line Input/AUX):** Controls the volume for the RCA and 3.5mm AUX inputs.
- **Line Input (RCA & 3.5mm AUX):** Connect external audio devices like phones, tablets, or mixers.
- **Mix Out (XLR):** Output for connecting to another powered speaker or mixer.
- **Equalizer:** Separate knobs for adjusting Treble and Bass frequencies.
- **MP3 Volume:** Controls the volume specifically for the integrated MP3 player (Bluetooth, USB, SD).
- **Power Switch:** Turns the speaker system on or off.

- **AC Input:** Connects the power cable to an electrical outlet.



Figure 4: Universal connectivity options.

5. SETUP

5.1 Power Connection

1. Ensure the Power Switch is in the OFF position.
2. Connect the supplied AC power cable to the AC Input on the rear panel of the speaker.
3. Plug the other end of the AC power cable into a suitable electrical outlet.

5.2 Mounting the Speaker

The LyxPro SPA-15 can be placed on a flat surface or mounted on a standard speaker stand using the integrated stand mount.



Figure 5: Speaker mounted on a stand.

1. If using a speaker stand, ensure it is stable and rated to support the weight of the SPA-15 (35 lbs).
2. Carefully lift the speaker and place it onto the stand pole.
3. Secure the speaker to the stand using the tightening screw on the stand mount.

6. OPERATING INSTRUCTIONS

6.1 Powering On/Off

1. To power on, flip the Power Switch to the ON position. The power indicator light will illuminate.
2. To power off, flip the Power Switch to the OFF position.

6.2 Bluetooth Pairing

1. Turn on the speaker. The digital display will show 'BLUE' and the Bluetooth symbol will flash, indicating it's in pairing mode.

2. On your Bluetooth-enabled device (smartphone, tablet, etc.), search for available Bluetooth devices.
3. Select 'LyxPro SPA-15' from the list.
4. Once connected, the Bluetooth symbol on the speaker's display will stop flashing and remain solid.
5. Adjust the MP3 Volume knob on the speaker and the volume on your device for desired sound level.

6.3 USB/SD Card Playback

1. Insert a USB drive or SD card containing MP3 audio files into the respective slot on the rear panel.
2. The speaker will automatically switch to USB/SD mode and begin playback. If not, press the 'MODE' button to select USB or SD.
3. Use the play/pause, skip forward/backward buttons on the digital player or remote control to manage playback.
4. Adjust the MP3 Volume knob for desired sound level.

6.4 Connecting External Devices

- **Microphones/Instruments:** Connect via the XLR or 1/4" Mic/Line Input. Adjust Volume 1.
- **Line-Level Devices (Mixers, CD Players):** Connect via the RCA or 3.5mm AUX Line Input. Adjust Volume 2.

6.5 Linking Multiple Speakers

To expand your sound system, you can connect the SPA-15 to other active or passive speakers using the Mix Out (XLR) port.

1. Connect an XLR cable from the Mix Out of the primary SPA-15 speaker to the XLR Line Input of a secondary active speaker.
2. For passive speakers, connect the Mix Out to a suitable power amplifier, which then connects to the passive speaker.
3. Adjust volumes on both speakers as needed.

6.6 Adjusting Sound (Equalizer)

Use the Equalizer knobs on the rear panel to fine-tune the audio output:

- **Treble:** Adjusts the high-frequency response. Turn clockwise to increase treble, counter-clockwise to decrease.
- **Bass:** Adjusts the low-frequency response. Turn clockwise to increase bass, counter-clockwise to decrease.

7. MAINTENANCE

- **Cleaning:** Use a soft, dry cloth to clean the exterior of the speaker. Do not use abrasive cleaners or solvents.
- **Storage:** Store the speaker in a cool, dry place away from direct sunlight and extreme temperatures.
- **Ventilation:** Ensure ventilation openings are clear of dust and debris to prevent overheating.
- **Cables:** Regularly check all cables for damage and replace if necessary.

8. TROUBLESHOOTING

Problem	Possible Cause	Solution
No power	Power cable not connected; Power switch off; Outlet not working	Check power cable connection; Turn power switch ON; Test outlet with another device

Problem	Possible Cause	Solution
No sound output	Volume knobs too low; Input device not connected; Incorrect input selected; Faulty cable	Increase relevant volume knobs; Check all audio connections; Ensure correct input mode is selected; Test with different cables
Bluetooth not connecting	Speaker not in pairing mode; Device too far; Interference; Already connected to another device	Press 'MODE' button to enter Bluetooth pairing mode; Move device closer to speaker; Avoid other wireless devices; Disconnect from other devices
Distorted sound	Volume too high (clipping); Equalizer settings incorrect; Faulty input source	Reduce volume levels (ensure 'CLIP' indicator is not constantly lit); Adjust Treble/Bass knobs; Test with a different audio source
USB/SD card not playing	Incorrect file format; Card/drive not inserted correctly; Corrupted files	Ensure files are MP3 format; Reinsert card/drive; Try a different USB/SD card

9. TECHNICAL SPECIFICATIONS

Feature	Specification
Model Name	SPA15
Speaker Type	Active PA Speaker
Woofer Diameter	15 Inches
Tweeter Diameter	2.54 Centimeters
Speaker Maximum Output Power	180 Watts
Frequency Response	20000 Hz
Impedance	4 Ohms
Wireless Communication Technology	Bluetooth
Bluetooth Range	10 Meters
Connectivity Technology	XLR, 1/4", RCA, 3.5mm
Power Source	Corded Electric
Product Dimensions	14"D x 16"W x 27"H
Item Weight	35 Pounds
Material	Plastic
Color	Black

36.4 LBS
LIGHTWEIGHT



Figure 6: Dimensions of the LyxPro SPA-15 speaker.

10. WARRANTY AND SUPPORT

The LyxPro SPA-15 comes with a Limited Warranty provided by the manufacturer, LyxPro. For specific warranty terms, conditions, and support inquiries, please refer to the documentation included with your product or contact LyxPro customer service directly.

Optional protection plans may be available for purchase separately:

- 2-Year Protection Plan
- 3-Year Protection Plan
- Complete Protect (monthly billing option)

These plans offer extended coverage beyond the standard manufacturer's warranty. Please check with your retailer for availability and details.

