



# SPA-5.5 SMALL PA/SPEAKER MONITOR

## User Manual



**LYXSPA5.5**

## Introduction

Thank you for purchasing the LyxPro® SPA-5.5 Small PA/Speaker Monitor. This User Guide is intended to provide you with guidelines to ensure that operation of this product is safe and does not pose risk to the user. Any use that does not conform to the guidelines described in this User Guide may void the limited warranty.

Please read all directions carefully before using the product and retain this guide for reference. This product is intended for household use only. It is not intended for commercial use.

This product is covered by a limited one-year warranty. Coverage is subject to limits and exclusions. See warranty for details.

## Safety Precautions

**WARNING! High sound pressure may damage your sense of hearing. Always select a suitable volume.**

- This device must be protected from moisture. Do not use near water or in the rain.
- Do not place this device near heat sources such as radiators, stoves, or other heat-producing appliances or equipment.
- Do not block ventilation openings. Failure to do so may result in fire.
- Do not place any objects on top of the unit.
- Make sure the unit is securely placed in a stable position so that it will not fall.
- Do not expose the unit to liquids for any reason.
- Protect the power cord from being pinched, cut, or interfered with in any way.
- Do not alter or damage the power cord or other wiring. Improper electrical wiring may invalidate the product warranty.
- Plug the unit into an appropriate power source. Failure to do so may result in damage to the product or harm to the user.
- To prevent the risk of damage or fire, please use only the recommended fuse type. Before replacing the fuse, turn off and disconnect the unit.
- Clean the unit by wiping it with a dry cloth. Do not use solvents, cleaners, or alcohol.
- Do not attempt to service the unit yourself. There are no user serviceable parts inside the unit. Refer to a qualified service technician for assistance if needed.
- Use only accessories or attachments recommended by the manufacturer.

### Warning 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.

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

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.

This equipment complies with FCC 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.



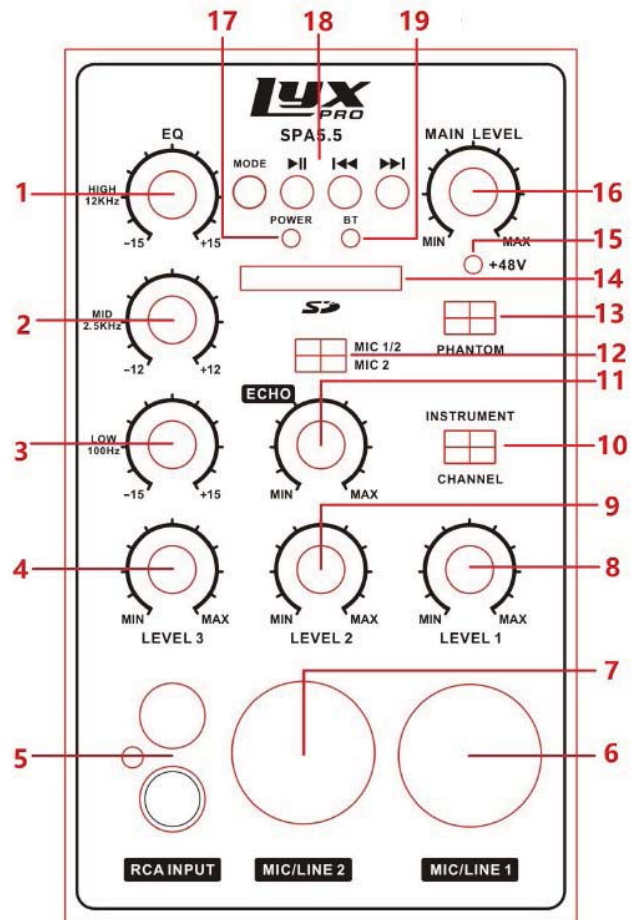
## Package Contents

1. LyxPro® SPA-5.5 Small PA/Speaker Monitor
2. 100 V AC Power Cord
3. User Guide

## Product Overview

### Front

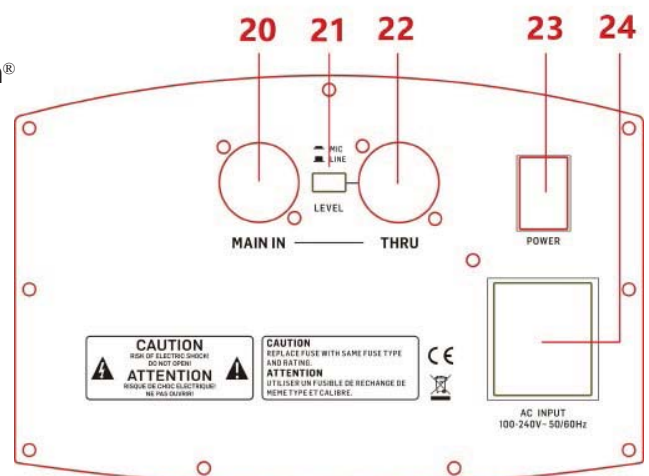
- 1-3. EQ: High/Mid/Low
4. RCA Volume Level 3: Volume of RCA input & Bluetooth®
5. RCA/Audio (Red and White) Input: Input for RCA connector for audio devices (CD, tuner, or mixer)
- 6-7. Mic/Line 1&2 Input (CH1/CH2): Input for XLR balanced or unbalanced connector; also accepts line level input connector or 1/4" connector
8. MIC/Line Volume 2: Controls volume of MIC/Line input CH2
9. MIC/Line Volume 1: Controls volume of MIC/Line input CH1
10. CH1 Instrument Switch: Optimizes MIC/Line 1 signal from instruments (balanced signal uses 1/4" connector)
11. Echo Control: Adjusts signal delay time
12. MIC 1/MIC 2 Switch: Controls the delay output of CH1 or CH1 and CH2
13. Phantom Power Switch: Powers condenser mics
14. SD™ Card Slot: For insertion of SD™ memory cards
15. Phantom Power Light: Indicates when phantom power is activated
16. Main Volume: Controls volume of entire system
17. Power Light: Indicates that the device is on
18. SD™ Card/Bluetooth® /TWS Controls: Controls used to adjust the SD™ Card ,Bluetooth® and TWS for Bluetooth®
  - a. MODE: To toggle play between Bluetooth® and SD™ Card by press the mode button, hold the button 3s to enter TWS when in bluetooth mode and you can heard a warning tone.
  - b. ►► : To play and pause music
  - c. ◀◀ : To skip music backward
  - d. ▶▶ : To skip music forward



19. Bluetooth® (BT) Light: Indicates the current state of Bluetooth® and TWS connection

### Back

20. MAIN IN Jack: Using a female XLR cable, connects with signal from THRU connector
21. MIC/Line Level Switch: Adjusts signal level from THRU connector
22. Through (THRU) Connector: Connects to another speaker or audio device by using a male XLR cable. This connector combines signals from Main Volume or EQ with that of MAIN IN.
23. Power Switch: Used to switch the unit on and off
24. Power Socket: Connect an AC power cord here to supply power to the unit



## Operation

1. Place monitor on a flat, smooth surface (or can be mounted on a microphone stand.)
2. Set Main Volume and other volume knobs to the minimum position.
3. Connect all devices.
4. Power on connected devices (mixer, mic, instrument.)
5. Turn on the unit with the Power Switch located on the back of the speaker monitor. (A solid green light will come on when monitor is operational.)
6. Set the Main Volume knob to central position.
7. Test volume of speaker monitor by speaking into your mic.
8. Adjust volume with the knob that correlates to the input you are using. (Lower volume accordingly if necessary.)
9. Adjust the High/Mid/Low EQ levels to achieve desired effect.
10. Adjust Main Volume knob for overall desired volume.



## To Connect Bluetooth®

1. On the speaker monitor, change the Power Switch to the ON position.
2. Activate Bluetooth® on your mobile device
3. When "LYXPRO" or "Bluetooth" appears on your mobile device, select it.
4. When the blue light is solid, your devices are now connected.

### Functions of Bluetooth® Light:

- Fast Blinking: Monitor is ready to be paired with other devices.
- Solid Light: Monitor is connected to your device, but currently no sound is playing.
- Slow Blinking: When sound is currently being played through the monitor.

## Specifications

- Rated Power Output: 125 W RMS 250 W peak
- Line1/Line 2 input sensitivity: MIC: -30 dBu  $\pm$  2 dBu; Line: -10 dBu  $\pm$  2 dBu
- Line 3 input sensitivity: RCA input: -10 dBu  $\pm$  2 dBu
- Main input sensitivity: MIC: 0 DbU  $\pm$  2 dBu; Line: 0 DbU  $\pm$  2 dBu
- Frequency response (MIC input to AMP out): 20 Hz – 20 kHz  $\pm$  3 dB
- Phantom power: +48 V
- Compression: 20 dBu
- Input impedance: 20 K  $\Omega$
- Channel level control:  $\infty \sim +30$  dB
- Max. input level: 20 dB
- EQ:
  - High (12kHz): 15 dB  $\pm$  3 dB
  - Mid (2.5kHz): 15 dB  $\pm$  3 dB
  - Low (80Hz): 15 dB  $\pm$  3 dB
- Connection:
  - Through: XLR, MIC/Line switchable
  - Main-in: XLR, 1/4" TSR
- Speaker cabinet:
  - Max. SPL: 114 dB SPL @ 1 M
  - Frequency response: 80 Hz – 14 kHz (-10 dB); 100 Hz – 10 KHz (-3 dB)
- Power:
  - Input voltage: 100 V – 240 V AC (T 3.15 A H
  - Power consumption: 250V) 150 W max.
- Dimensions: 13.5" x 11.8" x 9"
- Weight: 6.1 lbs.

## Customer Service:

info@lyxpro.com

866-849-3049

www.lyxpro.com

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## **WARRANTY**

### **LIMITED WARRANTY ON LYXPRO® SPA-5.5 SMALL PA/SPEAKER MONITOR**

**THIS LIMITED WARRANTY GIVES YOU SPECIFIC LEGAL RIGHTS AND YOU MAY ALSO HAVE OTHER RIGHTS, WHICH VARY FROM STATE TO STATE.**

**WE WARRANT THAT DURING THE WARRANTY PERIOD, THE PRODUCT WILL BE FREE FROM DEFECTS IN MATERIALS AND WORKMANSHIP.**

### **LIMITATION OF LIABILITY**

**TO THE EXTENT NOT PROHIBITED BY LAW, THIS WARRANTY IS EXCLUSIVE AND IN LIEU OF ALL OTHER WARRANTIES, ORAL, WRITTEN, STATUTORY, EXPRESS OR IMPLIED. EXCEPT FOR THE EXPRESS WARRANTIES CONTAINED IN THIS LIMITED WARRANTY STATEMENT AND TO THE EXTENT NOT PROHIBITED BY LAW, WE DISCLAIM ALL OTHER WARRANTIES, EXPRESSED OR IMPLIED, STATUTORY OR OTHERWISE, INCLUDING WITHOUT LIMITATION, THE WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE. SOME STATES DO NOT ALLOW DISCLAIMERS OF IMPLIED WARRANTIES, SO THIS DISCLAIMER MAY NOT APPLY TO YOU. TO THE EXTENT SUCH WARRANTIES CANNOT BE DISCLAIMED UNDER THE LAWS OF YOUR JURISDICTION, WE LIMIT THE DURATION AND REMEDIES OF SUCH WARRANTIES TO THE DURATION OF THIS EXPRESS LIMITED WARRANTY.**

**OUR RESPONSIBILITY FOR DEFECTIVE GOODS IS LIMITED TO REPAIR, REPLACEMENT OR REFUND AS DESCRIBED BELOW IN THIS WARRANTY STATEMENT.**

**WHO MAY USE THIS WARRANTY?** C&A Marketing, Inc. located at 114 Tived Lane East, Edison, NJ (“**we**”) extend this limited warranty only to the consumer who originally purchased the product (“**you**”). It does not extend to any subsequent owner or other transferee of the product.

**WHAT DOES THIS WARRANTY COVER?** This limited warranty covers defects in materials and workmanship of the LyxPro® SPA-5.5 Small PA/Speaker Monitor (the “**product**”) for the Warranty Period as defined below.

**WHAT DOES THIS WARRANTY NOT COVER?** This limited warranty does not cover any damage due to: (a) transportation; (b) storage; (c) improper use; (d) failure to follow the product instructions or to perform any preventive maintenance; (e) modifications; (f) unauthorized repair; (g) normal wear and tear; or (h) external causes such as accidents, abuse, or other actions or events beyond our reasonable control.

**WHAT IS THE PERIOD OF COVERAGE?** This limited warranty starts on the date of your purchase and lasts for one year (the “**Warranty Period**”). The Warranty Period is not extended if we repair or replace the product. We may change the availability of this limited warranty at our discretion, but any changes will not be retroactive.

**WHAT ARE YOUR REMEDIES UNDER THIS WARRANTY?** With respect to any defective product during the Warranty Period, we will, at our sole discretion, either: (a) repair or replace such product (or the defective part) free of charge or (b) refund the purchase price of such product if an exchange unit cannot be provided.

**HOW DO YOU OBTAIN WARRANTY SERVICE?** To obtain warranty service, you must contact us at 866-849-3049 or by email [info@lyxpro.com](mailto:info@lyxpro.com) at during the Warranty Period to obtain a Defective Merchandise Authorization (“**DMA**”) number. No warranty service will be provided without a DMA number and return shipping costs to our facilities shall be assumed by you, the purchaser. Shipping costs of the replacement unit to you shall be assumed by us.