LD Systems LDRJ8

LD Systems Road LDRJ8 Portable PA System User Manual

Model: LDRJ8

1. INTRODUCTION

This manual provides essential information for the safe and efficient operation of your LD Systems Road LDRJ8 Portable PA System. Please read this manual thoroughly before using the device to ensure proper setup, operation, and maintenance. Keep this manual for future reference.

The LD Systems Road LDRJ8 is an 8-channel portable PA system designed for versatile audio applications. It features battery-powered operation for mobility and offers multiple connectivity options including XLR, Speakon, Auxiliary, and USB. The system is equipped with a 15-inch Faital Pro neodymium woofer and a 1.4-inch BMS compression driver, delivering a powerful 1400 Watts output. Advanced features include a 1ms predictive peak limiter for distortion-free sound, state-of-the-art analog/digital converters, and an 80-degree x 50-degree rotatable asymmetrical horn flare. Its robust steel construction and integrated wheels make it suitable for various portable sound reinforcement needs.

Figure 1: Front view of the LD Systems Road LDRJ8 Portable PA System with its retractable handle extended, showcasing the main speaker grille and control panel.

2. SAFETY INSTRUCTIONS

- **Power Source:** Connect the device only to the specified voltage and frequency. Ensure the power cord is not damaged.
- **Ventilation:** Do not block ventilation openings. Ensure adequate airflow around the unit to prevent overheating.
- **Moisture:** Do not expose the device to rain or moisture. Avoid placing liquid-filled objects on the unit.
- **Cleaning:** Disconnect from power before cleaning. Use a dry cloth. Do not use liquid cleaners or aerosols.
- **Servicing:** Refer all servicing to qualified service personnel. Do not attempt to repair the unit yourself.
- **Placement:** Place the unit on a stable, level surface. Avoid extreme temperatures, direct sunlight, and strong vibrations.
- **Battery Safety:** The unit is battery-powered. Follow all instructions regarding battery charging and usage. Do not expose batteries to excessive heat.

Figure 1: Front view of the LD Systems Road LDRJ8 Portable PA System with its retractable handle extended, showcasing the main speaker grille and control panel.

Figure 2: Rear panel of the LD Systems Road LDRJ8, showing the power input, fuse compartment, voltage selector, and the "SOUNDSYSTEM BATTERY LEVEL" indicator with three LEDs.

3. PACKAGE CONTENTS

Please check the package contents immediately after unpacking to ensure all components are present and undamaged.

- 1 x LD Systems Road LDRJ8 Portable PA System
- 1 x Power Cable
- 1 x User Manual (this document)

Note: If any components are missing or damaged, please contact your dealer immediately.

4. PRODUCT OVERVIEW

4.1. Control Panel

Figure 3: Detailed view of the LDRJ8 control panel, featuring input channels (CH 1, CH 2, CH 3/AUX), level controls, EQ (LOW, HIGH), ECHO, MASTER VOL, MP3 player controls, and a display screen.

1. **CH 1 Input:** XLR/TRS combo jack for microphone or line-level sources.
2. **CH 1 Level:** Adjusts the input level for Channel 1.
3. **CH 2 Input:** TRS/TS jack for instrument or line-level sources.
4. **CH 2 Level:** Adjusts the input level for Channel 2.
5. **CH 3 / AUX Input:** RCA stereo input for external audio devices.
6. **CH 3 / AUX Level:** Adjusts the input level for Channel 3 / AUX.
7. **LOW EQ:** Bass frequency adjustment.
8. **HIGH EQ:** Treble frequency adjustment.
9. **ECHO:** Controls the echo effect level.
10. **MASTER VOL:** Overall volume control for the system.
11. **POWER:** Power indicator LED.
12. **MP3 Player Section:**
    - **Display:** Shows track information and settings.
    - **MODE:** Switches between MP3, AUX, Bluetooth, and SD card modes.
    - **USB IN:** USB port for media playback.
    - **SD Card Slot:** For SD card media playback.
    - **Playback Controls:** Play/Pause, Stop, Previous/Next Track.

4.2. Rear Panel

Figure 4: Rear panel of the LDRJ8, detailing the power switch, AC input, fuse, voltage selector, and battery level indicators.

1. **OFF/ON Switch:** Main power switch for the unit.
2. **CHARGE Indicator:** LED indicating battery charging status.
3. **AC Input:** Connector for the power cable.
4. **FUSE:** Fuse holder.
5. **VOLTAGE Selector:** Switch to select between 115V and 230V operation.
6. **SOUNDSYSTEM BATTERY LEVEL:** LED indicators for battery charge status (LOW, 1, 2, 3).

4.3. Portability Features

Figure 5: Side view of the LDRJ8, illustrating the retractable handle fully extended and the integrated wheels for easy transport.

Figure 6: Close-up of one of the durable wheels and a metal corner protector, highlighting the robust construction designed for portability.

The LDRJ8 is designed for easy transport with integrated wheels and a retractable handle, similar to luggage. This allows for convenient movement of the system to various locations.

5. SETUP

5.1. Initial Power-Up and Charging

1. Ensure the unit's power switch (OFF/ON) on the rear panel is in the **OFF** position.
2. Verify the VOLTAGE selector on the rear panel matches your local power supply (115V or 230V).

3. Connect the supplied power cable to the AC Input on the rear panel and then to a suitable power outlet.

4. The **CHARGE** indicator LED will illuminate, indicating the battery is charging. Allow sufficient time for a full charge before initial battery-powered use.

5.2. Connecting Audio Sources

- **Microphones/Instruments:** Connect microphones to CH 1 (XLR) and instruments to CH 2 (TRS/TS). Adjust the respective LEVEL knobs.

- **External Audio Devices (e.g., CD Player, Mixer):**Connect to CH 3 / AUX using RCA cables. Adjust the CH 3 / AUX LEVEL knob.

- **USB/SD Card:** Insert a USB drive into the USB IN port or an SD card into the SD Card Slot for media playback.

- **Bluetooth:** Refer to the "Operating" section for Bluetooth pairing instructions.

6. OPERATING THE PA SYSTEM

6.1. Basic Operation

1. After connecting your audio sources, switch the unit's power to**ON**. The POWER LED will illuminate.

2. Slowly increase the MASTER VOL to a desired listening level.

3. Adjust individual channel LEVEL knobs for a balanced mix.

4. Use the LOW and HIGH EQ knobs to adjust the bass and treble frequencies of the overall mix.

5. Apply ECHO effect as desired using the ECHO knob.

6.2. MP3 Player / Bluetooth Operation

1. Press the **MODE** button to cycle through available input modes: MP3 (USB/SD), AUX, Bluetooth.

2. **USB/SD Playback:**
   - Insert a USB drive or SD card with MP3 files.
   - Select MP3 mode. The display will show track information.
   - Use the Play/Pause, Stop, Previous/Next Track buttons to control playback.

3. **Bluetooth Pairing:**
   - Select Bluetooth mode. The display will indicate "BT" or "Pairing".
   - On your smartphone or tablet, enable Bluetooth and search for available devices.
   - Select "LD Systems LDRJ8" (or similar) from the list to pair.
   - Once paired, you can stream audio wirelessly to the PA system.

7. MAINTENANCE

- **Cleaning:** Use a soft, dry cloth to clean the exterior of the unit. Do not use abrasive cleaners, solvents, or waxes.

- **Storage:** When not in use for extended periods, store the unit in a dry, cool 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 unit is not in use, to maintain its capacity.

- **Fuse Replacement:** If the unit does not power on, check the fuse on the rear panel. Replace it only with a fuse of the identical type and rating (e.g., T 1 AL / 250V or T 500mA L / 250V).

8. TROUBLESHOOTING

Problem	Possible Cause	Solution
No power	Power cable not connected Power switch OFF Blown fuse Battery discharged	Check power cable connection. Turn power switch ON. Replace fuse with correct type. Charge the battery.
No sound output	MASTER VOL too low Channel LEVEL too low Incorrect input mode selected Audio source issue	Increase MASTER VOL. Increase relevant channel LEVEL. Press MODE button to select correct input. Check audio source connection and volume.
Bluetooth not pairing	Not in Bluetooth mode Device too far Bluetooth disabled on source device	Select Bluetooth mode on LDRJ8. Move source device closer. Enable Bluetooth on your device and search.
Distorted sound	Input level too high MASTER VOL too high	Reduce individual channel LEVEL. Reduce MASTER VOL.

9. SPECIFICATIONS

Feature	Detail
Model	LDRJ8
Brand	LD Systems
Mounting Type	Floor Standing
Power Source	Battery Powered
Connector Types	XLR, Speakon, Auxiliary, USB
Material	Steel
Item Weight	30 Pounds (approx. 13.6 kg)
Number of Channels	8
Audio Input	Various audio input devices
Output Wattage	1400 Watts (RMS)
Woofer	15-inch Faital Pro neodymium
Compression Driver	1.4-inch BMS
Dispersion	80 Degree x 50 Degree (rotatable asymmetrical horn flare)
Dimensions (L x W x H)	11 x 15 x 17 inches (approx. 27.9 x 38.1 x 43.2 cm)
Connectivity Technology	Various (including Bluetooth)
Compatible Devices	Smartphone, Tablet, Microphones, Instruments
Special Features	1ms predictive peak limiter, State-of-the-art analog/digital converters

10. WARRANTY INFORMATION

Specific warranty details for the LD Systems Road LDRJ8 Portable PA System are typically provided at the point of purchase or within separate documentation included with the product. Please refer to your purchase receipt or the official LD Systems website for the most accurate and up-to-date warranty terms and conditions.

Generally, warranties cover manufacturing defects under normal use. Damage resulting from misuse, accidents, unauthorized modifications, or improper maintenance is usually not covered. Keep your proof of purchase for any warranty claims.

11. SUPPORT

For technical support, service, or further inquiries regarding your LD Systems Road LDRJ8 Portable PA System, please contact your authorized LD Systems dealer or visit the official LD Systems website.

- **Online Resources:** www.ld-systems.com
- **Dealer Contact:** Refer to your purchase documentation for local dealer contact information.
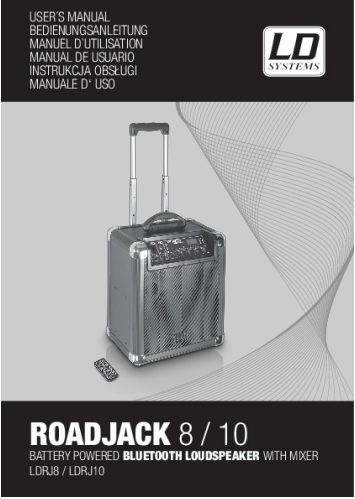
Related Documents

	LD Systems MAUI 5 GO Ultra-Portable Battery-Powered Column PA System User Manual Comprehensive user manual for the LD Systems MAUI 5 GO, an ultra-portable battery-powered column PA system with mixer and Bluetooth. Learn about setup, operation, connections, safety, and technical specifications.
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	LD Systems MIX G3 Series User Manual: Active & Passive Loudspeakers with Mixer Comprehensive user manual for the LD Systems MIX G3 Series active and passive loudspeakers, detailing connections, operation, technical specifications, and safety guidelines for the LDMIX62AG3 and LDMIX62G3 models.

[LD Systems MAUI 28 G2 Compact Column PA System User Manual](#)
Comprehensive user manual for the LD Systems MAUI 28 G2 Compact Column PA System with Mixer and Bluetooth®. Provides detailed instructions on setup, operation, connections, safety, and technical specifications.
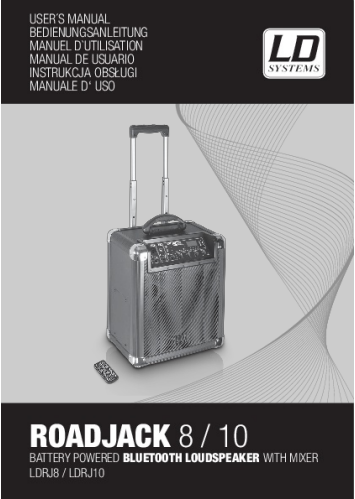
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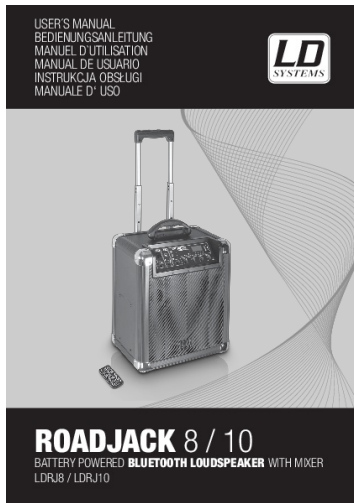lang:en score:26 filesize: 7 M page_count: 160 document date: 2015-01-09

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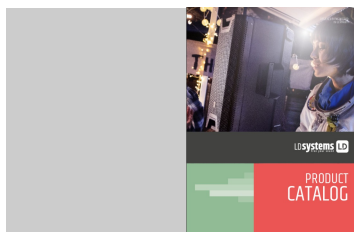
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PRODUCT LD Systems PA SPEAKERS 46 47 Page 25 Art No LDDDQ10 LDDDQ12 LDDDQ15 Type Powered Speaker with DSP Catalogue adamhall s3 amazonaws media MARKEN LDSYSTEMS Maui P900 powered column pa system Auto manual gate If a microphone unit's signal level falls below the threshold mutes respective channel to eliminate unwanted noise

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