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## Lenco PA-45

# Lenco PA-45 Portable Sound System User Manual

Model: PA-45

## INTRODUCTION

This manual provides detailed instructions for the safe and efficient use of your Lenco PA-45 Portable Sound System. Please read this manual thoroughly before operating the device and retain it for future reference.

The Lenco PA-45 is a versatile portable sound system featuring Bluetooth connectivity, USB and SD card playback, AUX input, microphone input, and guitar input. It operates on both AC power and an integrated rechargeable battery, making it suitable for various mobile applications.

## IMPORTANT SAFETY INFORMATION

- Do not expose the unit to rain or moisture to prevent fire or electric shock.
- Do not block any ventilation openings.
- Ensure the power cord is not pinched or walked on.
- Only use attachments/accessories specified by the manufacturer.
- Refer all servicing to qualified service personnel.
- Keep the unit away from direct sunlight, heat sources, and strong magnetic fields.

## PACKAGE CONTENTS

Please check that all items listed below are included in your package:

- Lenco PA-45 Portable Sound System
- AC Power Cable
- Carry Strap
- Multi-language User Manual

## PRODUCT OVERVIEW

The Lenco PA-45 is designed for portability and versatility, offering multiple audio input options and robust sound output.

## Front Panel



*Image: Front view of the Lenco PA-45 Portable Sound System. This image displays the main speaker grille, two smaller speaker grilles, and the Lenco brand logo. The unit has a black finish with silver corner protectors and trim.*

### **Top Panel Controls and Inputs**





*Image: Top panel of the Lenco PA-45. This image highlights the control panel with knobs for Volume, Bass, Treble, Mic Echo, and dedicated volume controls for Microphone and Guitar. It also shows input jacks for microphone and guitar, a USB port, an SD card slot, and AUX input (RCA). Status indicators for Power and Charge are visible.*

- **Volume Knob:** Adjusts the overall master volume.
- **Bass Knob:** Adjusts the low-frequency audio output.
- **Treble Knob:** Adjusts the high-frequency audio output.
- **Mic Echo Knob:** Controls the echo effect for the microphone input.
- **Mic/Guitar Vol Knobs:** Individual volume controls for microphone and guitar inputs.
- **Mic Input Jack:** For connecting a microphone.

- **Guitar Input Jack:** For connecting a guitar.
- **USB Port:** For USB flash drive playback.
- **SD Card Slot:** For SD card playback.
- **AUX Input (RCA L/R):** For connecting external audio devices via RCA cables.
- **Input Switching Buttons:** Buttons for selecting input sources (Bluetooth, USB, SD, AUX).
- **Power/Charge Indicators:** LEDs indicating power status and battery charging.

## Rear Panel Power Source



*Image: Rear panel of the Lenco PA-45. This image shows the power input section, including the DC input, AC input, and switches for power source selection (DC Input / AC Input) and charging control (AC ON / OFF / CHG ON).*

- **DC Input:** For external DC power source (if applicable).
- **AC Input:** For connecting the AC power cable.
- **Power Source Switch:** Selects between DC Input and AC Input.
- **AC Power Switch:** Controls AC power and charging function (ON/OFF/CHG ON).

## SETUP

### 1. Powering the Unit

The Lenco PA-45 can be powered by AC mains or its internal rechargeable battery.

1. **AC Power:** Connect the supplied AC power cable to the AC Input on the rear panel and plug the other end into a wall outlet. Set the "POWER SOURCE" switch to "AC INPUT" and the "AC POWER" switch to "ON".
2. **Battery Power:** Ensure the internal battery is charged. Set the "POWER SOURCE" switch to "DC INPUT". The unit will operate on battery power.

### 2. Charging the Battery

To charge the integrated lead-acid battery:

1. Connect the AC power cable to the unit and a wall outlet.
2. Set the "POWER SOURCE" switch to "AC INPUT".
3. Set the "AC POWER" switch to "CHG ON". The "CHG" indicator light on the top panel will illuminate.
4. Allow sufficient time for the battery to fully charge. The "CHG" indicator will typically change or turn off when charging is complete.
5. *Note:* For optimal battery life, it is recommended to charge the battery at least once a month, even if the unit is not in regular use.

### 3. Attaching the Carry Strap

Attach the included carry strap to the designated attachment points on the sides of the unit for easy portability.

## OPERATING INSTRUCTIONS

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### 1. Basic Operation

1. Turn on the unit using the power switch on the rear panel.
2. Adjust the master **Volume** knob to a low level before playing audio.
3. Use the **Bass** and **Treble** knobs to adjust the sound equalization to your preference.

### 2. Bluetooth Connection

1. Press the "INPUT SWITCHING" button until "Bluetooth" mode is selected. The Bluetooth indicator will flash.
2. On your mobile device (smartphone, tablet, etc.), enable Bluetooth and search for available devices.
3. Select "Lenco PA-45" from the list of devices.
4. Once paired, the Bluetooth indicator will stop flashing and remain solid. You can now play audio from your device through the PA-45.
5. *Note:* If connection issues occur, ensure no other devices are connected to the PA-45 and try re-pairing.

### 3. USB / SD Card Playback





Image: Top panel of the Lenco PA-45 with a USB stick inserted. This image demonstrates the USB port in use, indicating how to connect a USB flash drive for media playback.

1. Insert a USB flash drive into the USB port or an SD card into the SD card slot on the top panel.
2. Press the "INPUT SWITCHING" button to select "USB" or "SD" mode.
3. The unit will automatically begin playing compatible audio files from the storage device.
4. Use the playback controls (Play/Pause, Next, Previous) on the top panel to manage your music.

#### 4. AUX Input

1. Connect an external audio device (e.g., MP3 player, CD player) to the "AUX INPUT" RCA jacks on the top panel using an appropriate audio cable.
2. Press the "INPUT SWITCHING" button to select "AUX" mode.
3. Play audio from your connected device. Adjust the volume on both the PA-45 and your external device for optimal sound.

#### 5. Microphone Input

1. Connect a microphone to the "MIC INPUT" jack on the top panel.

2. Adjust the "MIC VOL" knob to control the microphone's volume.
3. Use the "MIC ECHO" knob to add an echo effect to the microphone's sound.

## 6. Guitar Input

1. Connect your guitar to the "GUITAR INPUT" jack on the top panel.
2. Adjust the "GUITAR VOL" knob to control the guitar's volume.

## MAINTENANCE

### 1. Cleaning

- Always disconnect the power cable before cleaning.
- Use a soft, dry cloth to wipe the exterior surfaces of the unit.
- Do not use abrasive cleaners, waxes, or solvents as they may damage the finish.

### 2. Battery Care

- To prolong the life of the integrated lead-acid battery, ensure it is fully charged before first use.
- If the unit will not be used for an extended period, charge the battery at least once a month to prevent deep discharge and damage.
- Avoid operating the unit until the battery is completely depleted, as this can reduce battery lifespan.

## TROUBLESHOOTING

If you encounter issues with your Lenco PA-45, refer to the following common problems and solutions:

Problem	Possible Cause	Solution
No power	Power cable not connected; Battery depleted; Power switch off.	Ensure AC cable is securely connected and plugged in. Charge the battery. Check that the power switches on the rear panel are in the correct "ON" position.
No sound output	Volume too low; Incorrect input selected; Audio cable not connected properly; External device volume low.	Increase the master volume. Select the correct input source (Bluetooth, USB, SD, AUX). Check all audio cable connections. Increase volume on the connected external device.
Bluetooth connection unstable or fails	Device too far; Interference; Already paired with another device.	Move your device closer to the PA-45. Avoid obstacles. Disconnect from other Bluetooth devices. Try re-pairing the device.
USB/SD playback not working	Incorrect file format; USB/SD card not inserted correctly; Corrupted files.	Ensure audio files are in a compatible format (e.g., MP3). Reinsert the USB drive or SD card. Try a different USB drive or SD card.
Weak or no bass sound	Bass knob set too low; Room acoustics.	Adjust the <b>Bass</b> knob to increase low frequencies. Position the unit in a corner or near a wall to enhance bass response.
Humming or buzzing noise	Ground loop; Interference from other electronics; Faulty cable.	Try plugging the unit into a different power outlet. Disconnect other devices to identify the source of interference. Use shielded audio cables.

## SPECIFICATIONS

Feature	Detail
Model Number	PA-45
Brand	Lenco
Output Power	30 Watts (RMS)
Power Source	AC Mains / Integrated 12V/2.6Ah Lead-Acid Battery
Connectivity	Bluetooth, USB, SD Card, AUX (RCA), Microphone Input, Guitar Input
Controls	Volume, Bass, Treble, Mic Echo, Mic Volume, Guitar Volume
Product Dimensions (W x D x H)	26.7 x 11.8 x 26.7 cm
Weight	5120 g
Included Components	PA-45 Sound System, AC Cable, Carry Strap, Multi-language Manual

## WARRANTY AND SUPPORT

For warranty information or technical support, please refer to the warranty card included with your product or contact Lenco customer service directly. Contact details can typically be found on the manufacturer's official website or in the included documentation.