

Lenco

Portable sound system
with Bluetooth audio, USB/SD MP3 player

PA-81



Users manual

www.lenco.com

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1. Features

- 🔊 AUX line input (1/4" Jack)
- 🔊 Microphone input (1/4" Jack)
- 🔊 Bluetooth 2.1+EDR wireless stereo audio streaming
- 🔊 Support A2DP Profile for most smart phone / laptop
- 🔊 USB/SD MP3 Player
- 🔊 LCD Display for your music control and navigation of MP3 player
- 🔊 Individual Volume control for Microphone
- 🔊 Master Volume control
- 🔊 Rechargeable Lead-Acid Battery powered. With charging indicator and battery level LED indicator
- 🔊 2-way 6.5" woofer +1" tweeter
- 🔊 65W MAX Power output
- 🔊 Metallic Telescopic handle and wheels for EZ transportation
- 🔊 12 hour playback time

Overview

The Lenco PA-81 is a Wireless PA System with an integrated 4-channel mixer which accepts a microphone, Line-in audio, stereo Bluetooth wireless audio up to 10 meters and also USB/SD card MP3 player with LCD display and control. Only few simple steps to pair your device!! The MDF wood and epoxy painting will stand the toughest outdoor conditions.

The Lenco PA-81 is totally mobile and wireless, thanks to the rechargeable battery, which lasts up to 12 hours. The integrated metallic handle increase mobility on your way to and from gigs. The Lenco PA-81 is perfect for musicians, songwriters, or for educational applications. Take your sound with you on the go!!

Thank you, and congratulations on your choice of Lenco's PA-81

2. SAFETY INSTRUCTION



CAUTION: This product satisfies FCC regulations when shielded cables and connectors are used to connect the unit to other equipment. To prevent electromagnetic interference with electric appliances such as radios and televisions, use shielded cables and connectors for connections.

The exclamation point within an equilateral triangle is intended to alert the user to the presence of important operating and maintenance (servicing) instructions in the literature accompanying the appliance.

The lightning flash with arrowhead symbol, within an equilateral triangle, is intended to alert the user to the presence of uninsulated "dangerous voltage" within the product's enclosure that may be of sufficient magnitude to constitute a risk of electric shock to persons.

READ INSTRUCTIONS: All the safety and operating instructions should be read before the product is operated.

RETAIN INSTRUCTIONS: The safety and operating instructions should be retained for future reference.

HEED WARNINGS: All warnings on the product and in the operating instructions should be adhered to.

FOLLOW INSTRUCTIONS: All operating and use instructions should be followed.

CLEANING: The product should be cleaned only with a polishing cloth or a soft dry cloth. Never clean with furniture wax,

benzene, insecticides or other volatile liquids since they may corrode the cabinet.

ATTACHMENTS: Do not use attachments not recommended by the product manufacturer as they may cause hazards.

WATER AND MOISTURE: Do not use this product near water, for example, near a bathtub, wash bowl, kitchen sink, or laundry tub; in a wet basement; or near a swimming pool; and the like.

ACCESSORIES: Do not place this product on an unstable cart, stand, tripod, bracket, or table. The product may fall, causing serious injury to a child or adult, and serious damage to the product. Use only with a cart, stand, tripod, bracket, or table recommended by the manufacturer or sold with the product. Any mounting of the product should follow the manufacturer's instructions, and should use a mounting accessory recommended by the manufacturer.

CART: A product and cart combination should be moved with care. Quick stops, excessive force, and uneven surfaces may cause the product and cart combination to overturn. See Figure A.

VENTILATION: Slots and openings in the cabinet are provided for ventilation and to ensure reliable operation of the product and to protect it from overheating, and these openings must not be blocked or covered. The openings should never be blocked by placing the product on a bed, sofa, rug, or other similar surface. This product should not be placed in a built-in installation such as a bookcase or rack unless proper ventilation is provided or the manufacturer's instructions have been adhered to.

POWER SOURCES: This product should be operated only from the type of power source indicated on the marking label. If you are not sure of the type of power supply to your home, consult your product dealer or local power company.

LOCATION: The appliance should be installed in a stable location.

NON-USE PERIODS: The power cord of the appliance should be unplugged from the outlet when left unused for a long period of time.

GROUNDING OR POLARIZATION:

If this product is equipped with a polarized alternating current line plug (a plug having one blade wider than the other),

it will fit into the outlet

only one way. This is a safety feature. If you are unable to insert the plug fully into the outlet, try reversing the plug. If the plug should still fail to fit, contact your electrician to replace your obsolete outlet. Do not defeat the safety purpose of the polarized plug.

If this product is equipped with a three-wire grounding type plug, a plug having a third (grounding) pin, it will only fit into a grounding type power outlet. This is a safety feature. If you are unable to insert the plug into the outlet, contact your electrician to replace your obsolete outlet. Do not defeat the safety purpose of the grounding type plug.

POWER-CORD PROTECTION: Power-supply cords should be routed so that they are not likely to be walked on or pinched by items placed upon or against them, paying particular attention to cords at plugs, convenience receptacles, and the point where they exit from the product.

OUTDOOR ANTENNA GROUNDING: If an outside antenna or cable system is connected to the product, be sure the antenna or cable system is grounded so as to provide some protection



against voltage surges and built-up static charges. Article 810 of the National Electrical Code. ANSI/NFPA 65. provides Information with regard to proper grounding of the mast and supporting structure, grounding of the lead-in wire to an antenna discharge unit, size of grounding conductors, location of antenna-discharge unit, connection to grounding electrodes. and requirements for the grounding electrode. See Figure B

LIGHTNING: For added protection for this product during a lightening storm. or when it is left unattended and unused for long periods of time. unplug it from the wall outlet and disconnect the antenna or cable system. This will prevent damage to the product due to lightening and power-line surges

POWER LINES: An outside antenna system should not be located in the vicinity of overhead power lines or other electric light or power circuits or where it can fall into such power lines or circuits. When installing an outside antenna system, extreme care should be taken to keep from touching such power lines or Circuits as contact with them might be fatal.

OVERLOADING: Do not overload wall outlets. extension cords, or Integral convenience receptacles as this can result in a risk of fire or electric Shock

OBJECT AND LIQUID ENTRY: Never push objects of any kind into this product through openings as they may touch dangerous voltage points or short-out parts that could result in a fire or electric shock. Never spill liquid of any kind on the product

SERVICING: DO not attempt to service this product yourself as opening or removing covers may expose you to dangerous voltage or other hazards. Refer all servicing to qualified service personnel.

DAMAGE REQUIRING SERVICE: Unplug this product from the wall outlet and refer servicing to qualified service personnel under the following conditions

- When the power-supply cord or plug is damaged
- If liquid has been spilled. or objects have fallen into the product
- If the product has been exposed to rain or water .
- If the product does not operate normally by following the operating instructions. Adjust only those controls that are covered by the operating instructions as an Improper adjustment of other controls may result in damage and will often require extensive work by a qualified technician to restore the product to its normal operation
- If the product has been dropped or damaged in any way
- " When the product exhibits a distinct change in performance, this indicates a need for service.

REPLACEMENT PARTS: When replacement parts are required. be sure the service technician has used replacement parts specified by the manufacturer or have the same characteristics as the original part. Unauthorized substitutions may result in fire, electric shock, or other hazards.

SAFETY CHECK: Upon completion of any service or repairs to this product, ask the service technician to perform safety checks to determine that the product is in proper operating condition

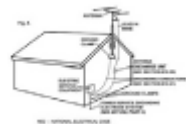
WALL OR CEILING MOUNTING: The product should not be mounted to a wall or ceiling

HEAT: The product should be situated away from heat sources such as radiators, heat registers, stoves, or other products (including amplifiers) that produce heat.

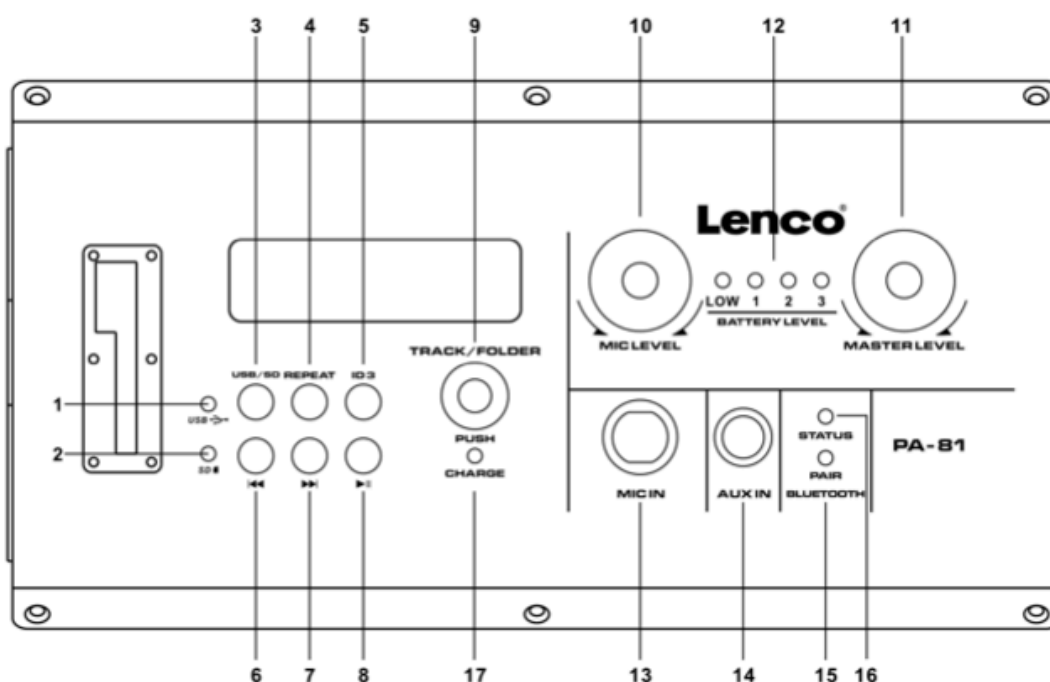
NOTE:

a.If the appliance with the power plug and coupler as disconnect device, disconnect device should be easy to operate.

b.Equipment should not have been dripping or splashing up and down but also shows the device should not be a class, such as vases filled with liquids.



3. Panel Description



1. USB LED indicator:

This LED indicator will be lightened when USB drive is plugged or USB mode is selected

2. SD indicator button:

This LED indicator will be lightened when SD card is plugged or SD mode is selected

3. USB/SD mode:

Press this button to select between USB mode or SD card mode for the MP3 player

4. REPEAT button:

Press this button to select repeat mode, "1"=repeat the current track, "A"=repeat all and R="Random".

5. ID3 button:

Press this button to change the ID3 display information shown on LCD screen

6. Previous << button:

Press this button to select previous track of MP3 player

7. Next >> button:

Press this button to select next track of MP3 player

8. PLAY/PAUSE button:

Press this button to toggle between play/pause of MP3 player

9. TRACK/FOLDER:

Turn this select button to fast navigating the track or folder, and press to confirm the selection.

Press and hold for 1 sec to enter folders navigation

10. MIC level:

Turn this knob to control the level of microphone input.

11. MASTER level:

Turn this knob to control the level of master output. The Bluetooth/AUX input volume will be controllable with this master output

12. Battery level indicator:

This LED indicators show the internal battery level, in order to maintain best sound quality, please connect to AC power when battery level drops to low.

13. MIC in:

This jack input can take a 6.3 mm unbalanced cable for microphone input.

14. AUX in:

You can connect your music device to this socket with a 1/4" jack cable.

15-16. Bluetooth control button and status

Press this button according to below instructions for different operation:

Short press 1 sec: Turn on Bluetooth and old paired device can be connected to PA-81, or PA-81 will search for new Bluetooth activated device for pairing.

Press/Hold 5sec: Turn on Bluetooth and PA-81 will enter "Pairing Mode", new device can be connect to PA-81

(Search for "Lenco PA-81" on your device, enter "0000" if PIN is requested)

Press/Hold 10sec: Turn off Bluetooth and all connection will be lost

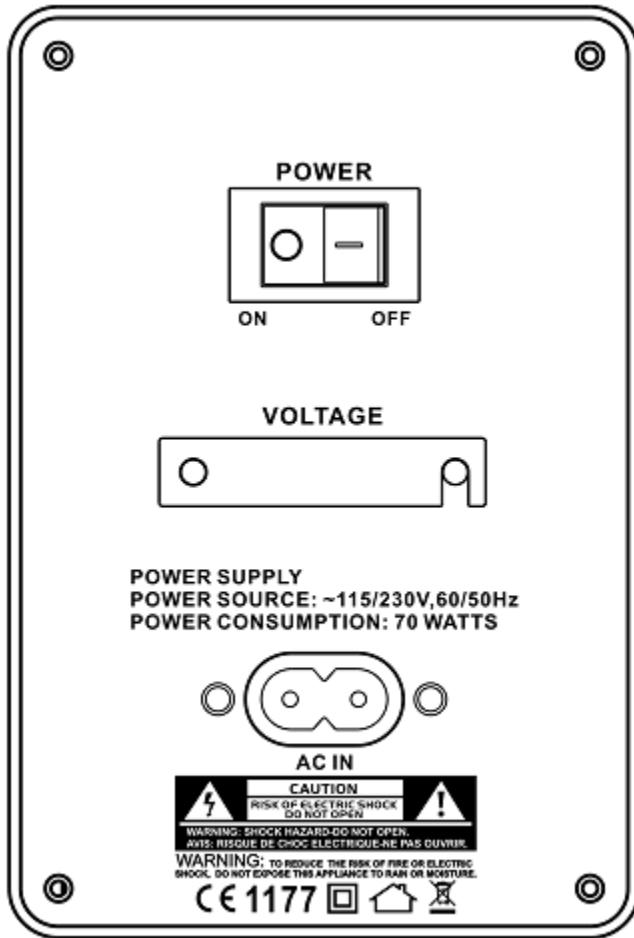
(Note: If no device is paired to PA-81 for 2min, Bluetooth will be turn OFF

Only 1 device can be paired to PA-81 at a time)

17. Charging indicator LED

Battery will be charged only when AC power is connected and power is ON. When charging in progress charging LED will ON. When charging complete and AC power is detached, charging LED is OFF

Notes on battery



Charging Indicator

Battery will be charged only when AC power is connected and power is ON. When charging in progress charging LED will ON. When charging complete and AC power is detached, charging LED is OFF

Low-battery protection

Power will be cut automatically when battery is too low to operate. User has to connect the PA-81 to AC source in order to charge and operate. Please do not leave the unit unused with a discharged battery inside. The battery may be destroyed when it is totally discharged.

Notes:

1. When the unit has not been used for 2 months continually, please connect it to AC and charge for 8 hours, and charge for 48 hours at the first-time using. This protects the battery capability and extend the lifetime.
2. The battery shall not be exposed to excessive heat such as sunshine, fire or the like.
3. The unit remains operable even the AC is disconnected.

WARNING

Please do not attempt to open the back cover or power adapter as opening or removing the covers may expose you to dangerous voltage or other hazards, and it will also cause the restricted servicing to be disabled. There are no user servicing components inside.

5. Specification

Speaker Unit.....	6.5" woofer +1" tweeter
Maximum Power Output.....	65W
Rated Power Output	
AC power consumption.....	20W THD=1%
Distortion.....	≤1%
S/N Ratio.....	≥68dB
Frequency Response.....	100Hz~20KHz
Power Supply.....	100~120V/220~240V 50/60Hz
(Depend on sold region, please see the back panel of unit)	
Dimensions(W×D×H)	349x275x507 mm
Weight.....	12.3kg
Max Power Consumption.....	65W



WARNING: Prolonged exposure to loud sounds from personal music players may lead to temporary or permanent hearing loss.



The USB memory stick should be plugged into the unit directly. Don't use an USB extension cable because it can cause interference resulting in failing of data.

All features and specifications are subject to change without notice.

6. Service and support

For information: www.lenco.com

For support: <http://lencosupport.zendesk.com>

Lenco helpdesk:

Germany	0900-1520530	(Local charges)
The Netherlands	0900-23553626	(Local charges + 1ct p/min)
Belgium	02-6200115	(Local charges)
France	03-81484280	(Local charges)

The helpdesk is accessible from Monday till Friday from 9 AM till 6 PM.

- When contacting Lenco, you will always be asked for the model and serial number of your product. The serial number can be found on the back of the device. Please write down the serial number below:

Model: PA-81


Serial number: _____

Lenco offers service and warranty in accordance to European law, which means that in case of repairs (both during and after the warranty period) you should contact your local dealer.

Important note: It is not possible to send products that need repairs to Lenco directly.

Important note: If this unit is opened or accessed by a non-official service center in any way, the warranty expires.

This device is not suitable for professional use. In case of professional use, all warranty obligations of the manufacturer will be voided.

 Products with the CE marking comply with the EMC Directive (2004/108/EC) and the Low Voltage Directive (2006/95/EC) issued by the Commission of the European Community.

Hereby, STL Group BV, Ankerkade 20 NL 5928 PL Venlo, declares that this product is in compliance with the essential requirements and other relevant provisions of Directive 1999/5/EC.

The declaration of conformity may be consulted at <https://lencosupport.zendesk.com/forums/22413161-CE-Documents>

This product operates at 2400 - 2483.5 MHz and is designated only to be used inside a normal household environment. This product is suited for this purpose within all EU countries.



This symbol indicates that the relevant electrical product or battery should not be disposed of as general household waste in Europe. To ensure the correct waste treatment of the product and battery, please dispose them in accordance to any applicable local laws of requirement for disposal of electrical equipment or batteries. In so doing, you will help to conserve natural resources and improve standards of environmental protection in treatment and disposal of electrical waste (Waste Electrical and Electronic Equipment Directive).

CE 1177

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