

Lenco

PA-46

Portable Sound System with Bluetooth®



USER'S MANUAL

www.lenco.com

CAUTION:

Usage of controls or adjustments or performance of procedures other than those specified herein may result in hazardous radiation exposure.

This unit should not be adjusted or repaired by anyone except qualified service personnel.

PRECAUTIONS BEFORE USE

KEEP THESE INSTRUCTIONS IN MIND:

1. Do not use this device near water.
2. Clean only with a slightly damp cloth.
3. Do not cover or block any ventilation openings. When placing the device on a shelf, leave 5 cm (2") free space around the whole device.
4. Install in accordance with the supplied user manual.
5. Don't step on or pinch the power adaptor. Be very careful, particularly near the plugs and the cable's exit point. Do not place heavy items on the power adaptor, which may damage it. Keep the entire device out of children's reach! When playing with the power cable, they can seriously injure themselves.
6. Unplug this device during lightning storms or when unused for a long period.
7. Keep the device away from heat sources such as radiators, heaters, stoves, candles and other heat-generating products.
8. Avoid using the device near strong magnetic fields.
9. Electrostatic discharge can disturb normal usage of this device. If so, simply reset and restart the device following the instruction manual. During file transmission, please handle with care and operate in a static-free environment.
10. Warning! Never insert an object into the product through the vents or openings. High voltage flows through the product and inserting an object can cause electric shock and/or short circuit internal parts. For the same reason, do not spill water or liquid on the product.
11. Do not use in wet or moist areas such as bathrooms, steamy kitchens or near swimming pools.
12. Do not use this device when condensation may occur.
13. Although this device is manufactured with the utmost care and checked several times before leaving the factory, it is still possible that problems may occur, as with all electrical appliances. If you notice smoke, an excessive build-up of heat or any other unexpected phenomena, you should disconnect the plug from the main power socket immediately.
14. This device must be well ventilated at all time!
15. This device must operate on a power source as specified on the specification label. If you are not sure of the type of power supply used in your home, consult your dealer or local power company.
16. The socket outlet must be installed near the equipment and must be easily accessible.
17. Do not overload ac outlets or extension cords. Overloading can cause fire or electric shock.
18. Devices with class 1 construction should be connected to a main socket outlet with a protective earthed connection.
19. Devices with class 2 construction do not require a earthed connection.
20. Keep away from rodents. Rodents enjoy biting on power cords.
21. Always hold the plug when pulling it out of the main supply socket. Do not pull the power cord. This can cause a short circuit.
22. Avoid placing the device on any surfaces that may be subject to vibrations or shocks.
23. To protect the device during a thunderstorm, unplug the ac power adaptor.
24. When the device is not in use for long periods, unplug the ac power adaptor for safety reasons.
25. To clean the device, use a soft dry cloth. Do not use solvents or petrol based fluids. To remove severe stains, you may use a damp cloth with dilute detergent.
26. The supplier is not responsible for damage or lost data caused by malfunction, misuse, modification of the device or battery replacement.
27. Do not interrupt the connection when the device is formatting or transferring files. Otherwise, data may be corrupted or lost.
28. 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.
29. The apparatus shall not be exposed to dripping or splashing and make sure that no objects filled with liquids, such as vases, are placed on or near the apparatus.
30. To completely disconnect the power input, the mains plug of the apparatus shall be disconnected from the mains, as the disconnect device is the mains plug of apparatus.
31. The mains plug of the apparatus should not be obstructed or should be easily accessed during intended use.

32. Battery shall not be exposed to excessive heat such as sunshine, fire or the like.
33. Minimum distance of 10cm around the apparatus is needed for sufficient ventilations.
34. The ventilation should not be impeded by covering the ventilation openings with items such as newspapers, table-cloths, curtains etc.
35. No naked flame sources such as lighted candles should be placed on the apparatus.
36. Attention should be drawn to the environmental aspects of battery disposal.
37. The apparatus can only be used in moderate extremely cold or climates warm environments should be avoided.
38. The rating label has been marked on the bottom panel of the apparatus.
39. This device is not intended for use by people (including children) with physical, sensory or mental disabilities, or a lack of experience and knowledge, unless they're under supervision or have received instructions about the correct use of the device by the person who is responsible for their safety.
40. This product is intended for household use only and not for commercial or industrial use.
41. Make sure the unit is adjusted to a stable position. Damage caused by using this product in an unstable position or by failure to follow any other warning or precaution contained within this user manual will not be covered by warranty.
42. Never remove the casing of this apparatus.
43. Never place this apparatus on other electrical equipment.
44. Do not use or store this product in a place where it is subject to direct sunlight, heat, excessive dust or vibration.
45. Do not clean this product with water or other liquids.
46. Do not block or cover the slots and holes in the product.
47. Do not push foreign objects into the slots or holes in the product.
48. Do not allow children access to plastic bags.
49. Please check that the voltage on the type plate of your appliance corresponds with your house electricity supply (type plate is located on the back of the unit).
50. Protect the power cord from being walked on or pinched, particularly at plugs, convenience receptacles, and the point where they exit from the apparatus.
51. Only use attachments/accessories specified by the manufacturer.
52. Refer all servicing to qualified service personnel. Servicing is required when the apparatus has been damaged in any way, such as the power supply cord or the plug, when liquid has been spilled or objects have fallen into the apparatus, when the apparatus has been exposed to rain or moisture, does not operate normally, or has been dropped.
53. Do not use a damaged power cord or plug or a loose outlet. Doing so may result in fire or electric shock.

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

INSTALLATION

- Unpack all parts and remove protective material.
- Do not connect the unit to the mains before checking the mains voltage and before all other connections have been made.
- Do not cover any vents and make sure that there is a space of several centimeters around the unit for ventilation.

CAUTION

To avoid failure and damage when using this device, please read this user's manual and make sure that you fully understand the safety and operation instruction. These instructions should be kept for your long-time reference.

1. This speaker offers you 2 different power supplies: AC 230V 50/60Hz, and rechargeable lead-acid battery DC 12V 2.6Ah.
2. DO NOT attempt to touch any inside parts of the speaker system to avoid any possible risk of electronic shock.
3. DO NOT attempt to service the system beyond that specified in this operation instructions. All servicing should be referred to qualified service centres.
4. The power cord of the speaker should be un-plugged from the outlet when left unused for a long time.
5. The speaker should be situated at least 20cm from other appliances so that its location is not interfered with proper ventilation.
6. The speaker should be kept away from heat sources such as radiators, heat register, stoves, or other appliance that produce heat.
7. Never place the speaker in the locations liable to be splash nor put any water containers on the subwoofer, like glass, cup, vase..... If any liquid or metal parts enter into the speaker, please power OFF the power and contact qualified service centres to check the speaker before continuing usage.
8. When you are not using the speaker, please power off the speaker and unplug the power cord from the power supply.
9. When using a power socket or coupler as a power ON/OFF device, please ensure that this device can be easily accessed and operated.

BATTERY CAUTION

1. Make sure to charge the lead-acid battery for a minimum of 12 hours for the first 3 times of using a brand new speaker.
2. Recharge the battery within 24 hours when the speaker shows in low-power or has run out of power. If you fail to charge the battery within 24 hours, it will reduce the life of the battery, causes the incapability of fully-power-charged and shortens its working time.
3. Non-professional technicians should not open the speaker or this lead-acid battery.
4. DO NOT use this lead-acid battery with other device.
5. If you want to use a new battery for this speaker, you must use one of the same specifications. Otherwise, it will cause damage or work failure to the speaker.
6. Improper battery installation will cause explosion, please ask a qualified service center to replace it.
7. After replacing with a new battery, please put the disused battery into a specified Recycle Bin or delivery it to a Recycle Institution.
8. If you do not use the speaker for a long time, FULLY CHARGE THE BATTERY ONE TIME PER MONTH to avoid failure of battery.

FEATURES

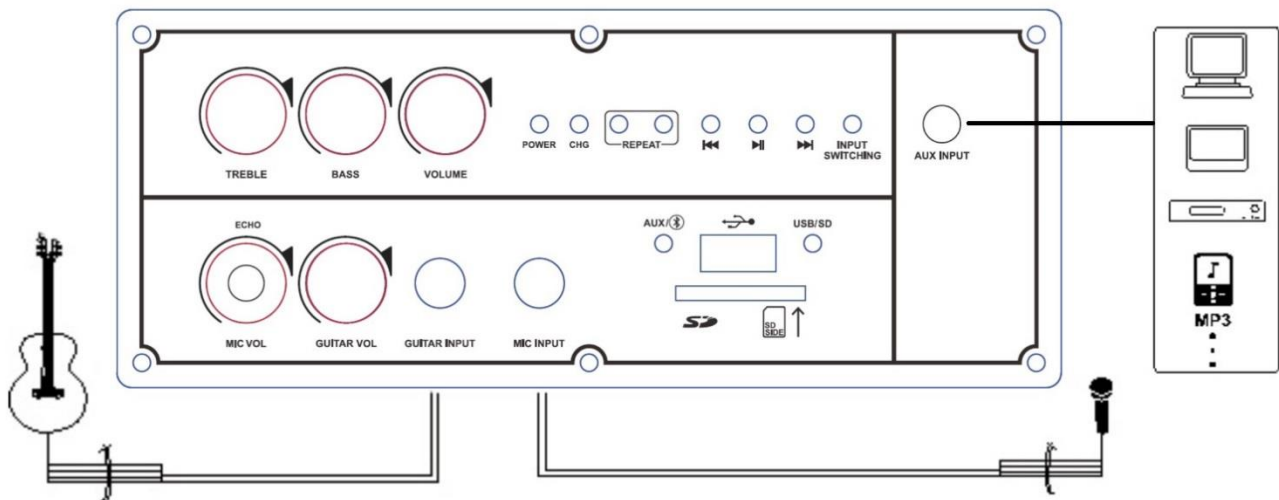
1. Designed with AB audio processor and BTL output to produce crystal clear sound and strong bass
2. Special structure designs with electrical-short-circuit protection
3. Built-in rechargeable lead-acid battery for outdoor usage
4. Built in a Wired MIC Input with Vol. and Echo controls
5. Built in a Guitar Input
6. With auto detect USB & SD card reader function for Mp3 decoding
7. With Bluetooth

SPECIFICATIONS:

Bluetooth version:	4.0 + EDR
Output power:	30W RMS
Frequency Response:	20Hz - 20KHz
Distortion:	0.15% (fo=1KHz, Po=1 W)
Power Supply:	Re-chargeable Lead-acid Battery 2600mAh
	AC power supply: AC ~230V, 50-60Hz

SPEAKER CONNECTIONS

1. Insert your USB disk or SD card to the corresponding ports in the control panel referring to Diagram 1.
2. Connect your audio equipments (TV/DVD/MP3/Iphone/Ipad....) to the signal AUDIO INPUT ports (3.5mm & RCA) referring to Diagram 1.
3. Connect the wired microphone to the corresponding MIC. IN port in the speaker control panel, and connect your electrical guitar to the GUITAR INPUT referring to Diagram 1.



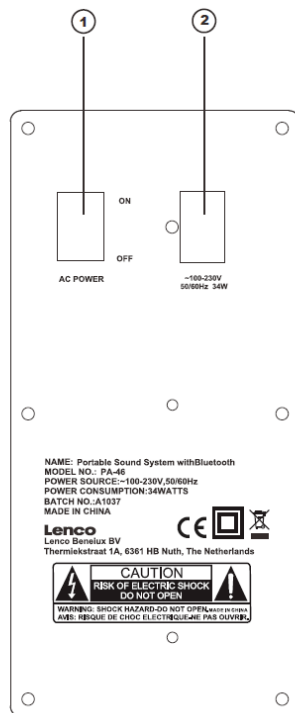
Note: Please change to AUX IN or USB/SD mode first to make the microphone and electrical guitar works properly.

Bluetooth:

Press the INPUT SWITCHING Button until the BLUETOOTH® Indicator blinks. The BLUETOOTH function is ON. Turn on the BLUETOOTH in device and start searching for this BLUETOOTH speaker. You will find device name of **LENCO PA-46**. Select this to link to the speaker. The ®Indicator will stop blinking and light up in BLUE color when you are successfully linked. After the linking, you can start to play music from your device.

When Bluetooth is paired and connected, you can press the play/pause button to disconnect the current connection and re-pairing once.

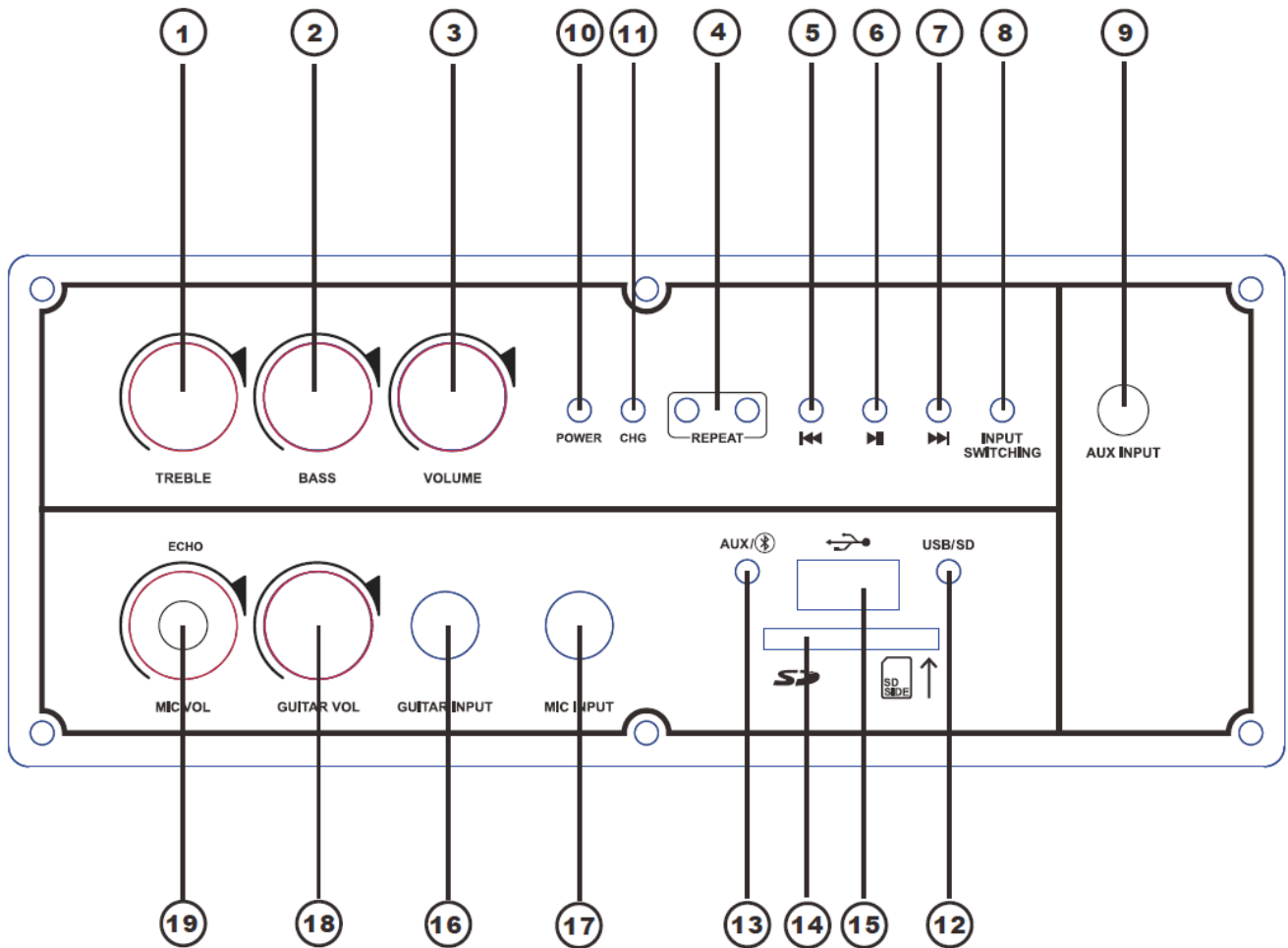
POWER SUPPLY SELECTION



Back Panel:

1. Power Jack: Insert the power cord to this jack and connect to AC 230V 50/60Hz.
2. AC cable connector

SPEAKER OPERATION INSTRUCTIONS



1. Treble volume knob
2. Bass volume knob
3. Master volume knob
4. Repeat key, press this key to switch repeat one/repeat all/random:
Repeat One: USB/SD indicator blinks about 2 times per second;
Repeat All: USB/SD indicator blinks about 3 times per second;
Random: USB/SD indicator blinks about 1 time per second.
5. Previous track /Long-press for fast backward (Not applicable at BT mode)
6. Pause and play (Not applicable at BT mode)
7. Next track /Long-press for fast forward (Not applicable at BT mode)
8. Input mode switching key: AUX/ BLUETOOTH/USB/SD
9. AUX input
10. Power indicator
11. Charging indicator: When charging, the CHG indicator blinks in RED. When charging is almost completed, it blinks in GREEN. When completing charging, the indicator keeps on in GREEN.
12. USB/SD indicator
13. AUX/BT indicator
14. SD card
15. USB Port
16. Guitar Input
17. MIC Input

18. Wired guitar volume control
19. Wired microphone echo and volume control (double function)

Prior to first use

To avoid damage to the rechargeable battery, it is only half-charged upon delivery. Charge the battery fully before using for the first time. Only use the supplied mains cord for charging.

Charging the battery

1. Make sure that the On/Off switch **AC POWER** is set to **OFF**.
2. Connect the mains cord to the **AC** connection socket.
3. Insert the mains plug into an easily accessible wall socket.
4. Set the On/Off switch **AC POWER** to **ON**. (The battery can only be charged when the device is switched on.)

The charging indicator light **CHG** flashes orange at brief intervals. When the battery is empty, it normally takes around 3 hours to fully charge it. Once the rechargeable battery is fully charged, the charging indicator light will light up green.

The playing time is at least 4-5 hours and varies depending on volume, surrounding temperature, connected devices, etc.

- You can use the sound system while it is charging. However, this will increase the charging time.
- To preserve the rechargeable battery's full capacity for as long as possible, you should fully recharge the battery at least once a month, even if you do not use it.
- Charge the battery in an environment between +10 and +40°C.
- The battery will best hold its charge at room temperature. The lower the surrounding temperature, the shorter the playback time.

Mode	USB/SD Indicator	AUX IN/BT Indicator
USB	ORANGE	OFF
SD	GREEN	OFF
AUX IN	OFF	ORANGE
Bluetooth	OFF	BLUE

TROUBLESHOOTING

Troubles	Possible Reasons	Trouble Shootings
Power Indicator OFF and NO sound coming out	1. AC Power Button is still OFF 2. Battery run out of power	1. Turn the AC Power Button to ON. 2. Connect the power cord to AC 220V/50Hz outlet to test if speaker still working and to re-charge the battery.
Power Indicator ON But NO sound coming out	1. Wrongly connect the RCA or 3.5mm Audio input. 2. Master Volume is in minimum.	1. Turn OFF the speaker and check all audio cable connections. 2. Turn on the master volume to your wanted level.
Sound coming out with NOISES	Improper audio-cable connections or cross talk	1. Turn OFF the speaker and check all audio cable connections to see if they are correctly connected. 2. If all cables are well connected, that might be caused by some external cross talks

		from your audio equipment, you can turn down the volume to solve it.
Gear whines when using the microphones	<ol style="list-style-type: none"> 1. The MIC Volume is too loud. 2. The microphones are close to the speaker 	<ol style="list-style-type: none"> 1. Turn down the MIC Volume 2. Keep the microphones at least 2 meters away from the speaker
Treble and Bass are no loud enough	The Treble and Bass volume are in minimum	Turn on both Treble and Bass volume to your wanted level
<p>If the speaker still out of work after checking with the above troubleshooting, please ask qualified service centers to check and repair it. DO NOT attempt to service the system beyond that specified in this operation instructions. All servicing should be referred to qualified service centres.</p>		

ACCESSORIES

1. ONE speaker
2. ONE belt
3. ONE power cord
4. ONE user’s manual

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.

Guarantee

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.

Disclaimer

Updates to Firmware and/or hardware components are made regularly. Therefore some of the instruction, specifications and pictures in this documentation may differ slightly from your particular situation. All items described in this guide for illustration purposes only and may not apply to particular situation. No legal right or entitlements may be obtained from the description made in this manual.

Disposal of the Old Device



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).



Service

For more information and helpdesk support, please visit www.lenco.com

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