PRECISION®

PA1540B

15" SUPER WOOFER

WITH BLUETOOTH, USD/SD, FM PLL RADIO, ACTIVE AMPLIFIER,
LED DISPLAY, REMOTE CONTROL AND 3-WAY POWER SOURCE

USER MANUAL

WARNING !

WARNING: TO REDUCE THE RISK OF ELECTRIC SHOCK, DO NOT REMOVE COVER THIS SPEAKER. NO ADJUSTMENTS INSIDE FOR YOU. ALL SERVICES MUST BE SUBMITTED TO QUALIFIED PARTY.

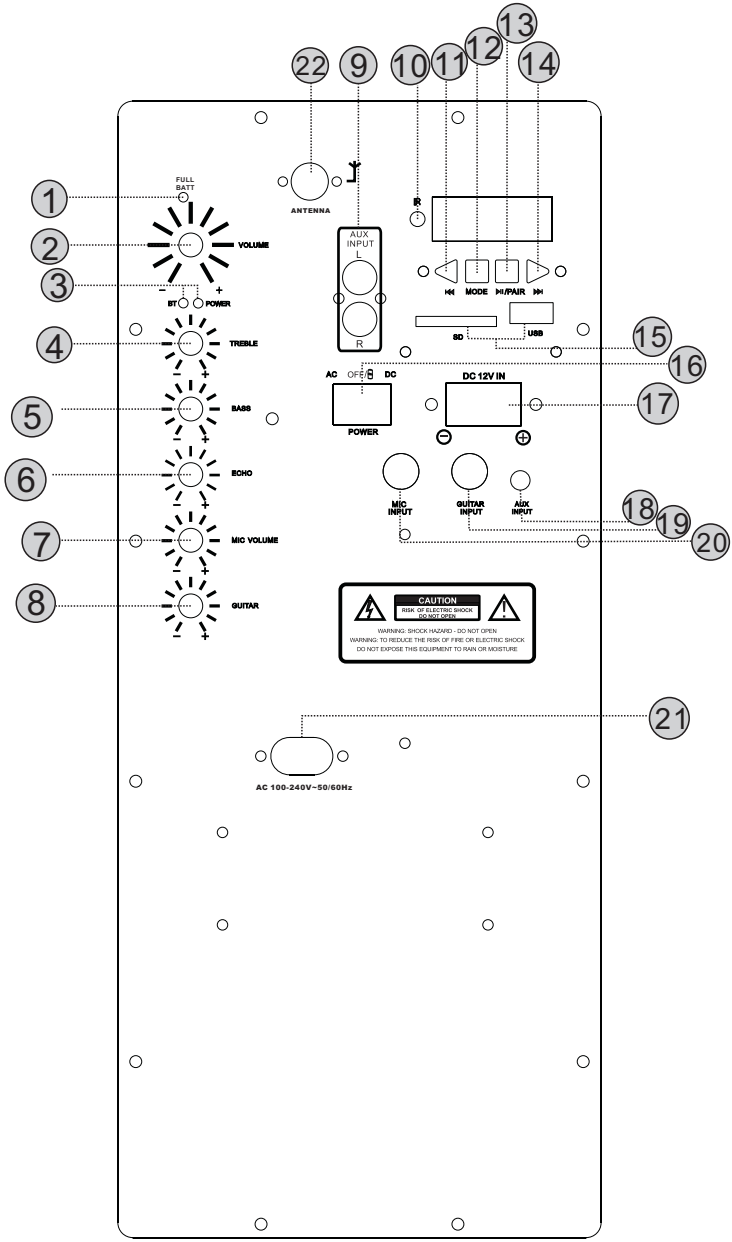
The symbol represented by a ray with arrowhead within an equilateral triangle is intended to alert the user to the presence of dangerous voltage within the unit that may be of sufficient magnitude to constitute a risk of electric shock people magnitude.
Users should take extra care when this symbol appears in this manual and should take every care described.

The exclamation point within an equilateral triangle is intended to alert the user to the presence of important instructions for maintenance (services) and the use of this device in this manual.

1. **Read these instructions.**
2. **Guard this manual.**
3. **Obey all alerts.**
4. **Follow all instructions.**
5. **WARNING: To prevent fire or shock hazard, do not expose this equipment to rain or moisture. Do not store and operate this product near liquid.**
6. **Clean only with dry cloth.**
7. **Not store and not operate this product near any heat sources such as radiators and heat registers, stove or other appliances (including amplifiers) that produce heat. Keep this product in a well ventilated place.**
8. **Not ignore the safety purpose of the polarized or grounding plug. A polarized plug has two blades being wider than the other. A grounding plug has two blades plus a round pin to ground. The wide blade or the third prong is intended to provide security. If the provided plug does not fit into your outlet, consult an electrician to replace the outlet.**
9. **Protect all wires connected to this unit from being walked on or pinched, particularly at plugs and the point where the cord exits the unit. When unplugging from the electrical outlet, grasp the plug and do not pull the cord.**
10. **Disconnect the unit during lightning storms or when long period is to remain unused.**
11. **Keep this unit off when connecting all the devices connected to it.**
12. **After finishing the installation and connections, connect all your equipment with low volume level. Once all devices are connected, slowly increase the volume or level controls to achieve the proper position.**
13. **Before placement, installation, assembly or suspending any product, inspect all equipment, suspension, cabinets, transducers, brackets and associated equipment. Any missing component, corroded, deformed, or with non-nominal load can reduce the intensity, placement and arrangement of the installation significantly. Any of these conditions can reduce the security of the facility and must be corrected immediately. Use only suitable equipment for the loading conditions of the installation and that any possibility of reducing term, unexpected overload, never exceed the capacity of the material or equipment.**
14. **Consult a licensed professional to install the equipment and make sure that all local, regional and national regulations related to security are understood and adhered to.**
15. **All services should be performed by qualified professionals. Servicing is required when the apparatus has been damaged in any way, as if having the power cord or its damaged connector, or if the machine breaks contact with liquid or if any object is inserted in the unit or if the unit is exposed to rain or moisture, or if the unit does not operate normally, or has been dropped.**

BE SURE TO FULLY CHARGE THE BATTERY FOR THE FIRST TIME TO INCREASE BATTERY DURABILITY.

REAR PANEL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BATT
VOLUME
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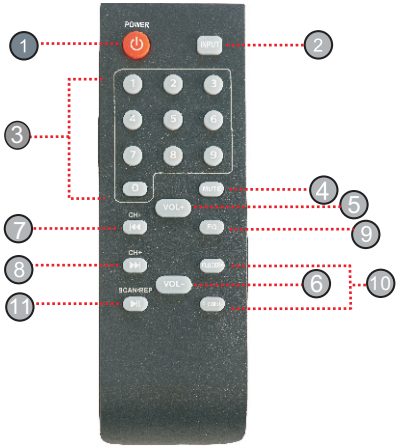
TREBLE
BASS
ECHO
MIC VOLUME
GUITAR
ANTENNA
AUX
INPUT
L
R
IR
MODE
M/PAIR
SD
USB
AC
OFF
B
DC
POWER
DC 12V IN
MIC
INPUT
GUITAR
INPUT
AUX
INPUT
CAUTION
RISK OF ELECTRIC SHOCK
DO NOT OPEN
WARNING: SHOCK HAZARD - DO NOT OPEN
WARNING: TO REDUCE THE RISK OF FIRE OR ELECTRIC SHOCK,
DO NOT EXPOSE THIS EQUIPMENT TO RAIN OR MOISTURE
AC 100-240V~50/60Hz

1. When the unit is fully charged, the LED will lights up solid in green.
2. Master Level Volume Control: Turn this knob to adjust the master volume.
3. Power & Bluetooth Indicator: The power indicator will light up solid when the unit is ON or under charging when unit was set off. Bluetooth indicator will light up solid when connected or flash slowly in BT playback, and it flashes quickly when pairing.
4. Treble adjustment: Turn this knob to increase the treble.
5. Bass adjustment: Turn this knob to increase the bass.
6. Microphone Echo Knob: Use this knob to adjust the echo for the microphone input.
7. Microphone Volume Knob: Turn this knob to adjust the microphone volume level of the microphone input.
8. Guitar Volume Knob: Turn this knob to adjust the volume level of your guitar.
9. AUX Input (RCA): The RCA Input is designed to connect directly to a CD/DVD/TV or any other stereo level audio device.
   Please note that there are two LINE(AUX) Inputs, RCA and 1/8". If both the RCA and 1/8"inputs are connected the unit is automatically play from the 1/8" Line input.
10. IR remote receiver.
11. Previous Track Button: When on USB/SD/Bluetooth mode, press this button to move to the previous track. Hold it down to reduce the volume.
    When on FM mode, press this button to move to the previous stored channel.
12. Input Mode Button: Press this button to toggle between the various inputs (LINE, USB, SD ,FM & Bluetooth).
13. Pair & Repeat Button&Play/pause Button: When on the mode of USB/SD, press this button to pause or play. Hold it down to select the repeat modes for USB/SD.
    When on Bluetooth mode, press this button to pause, hold it down to disconnect pairing then enter pairing mode.
    When on FM mode, press this button to mute, hold it down for auto scan.
14. Next Track Button: When on USB/SD/Bluetooth mode, press this button to move to the next track. Hold it down to increase the volume.
    When on FM mode, press this button to move to the next stored channel.
15. USB/SD card port: Connect your USB or SD device here. The speaker will only play music files from USB/SD input. Do not connect your computer to this input as it will not play files directly from a computer.
    Noted: This unit will keep repeating all songs in USB and SD in default.
    Important: The USB port is intended only for data transfer only, other devices cannot be used with this USB connection. The use of USB extension cords is not recommended.

16. Power button: There are three possible settings. Setting the unit to DC (BATT) will allow the unit to play using only internal battery.
When set to AC, the unit can also be powered by an external power supply (electrical outlet) even if the battery is dead.
*In AC setting the unit will still under charging, but it will do very slowly. To charge the unit properly, set the unit to OFF.
17. DC 12V IN is for connecting to 12V external battery if needed. Make sure positive to positive (red +) negative to negative (black -).
18. AUX(1/8"): The Input is designed to connect directly to a Mp3 Player or any other stereo level audio device.
19. Guitar Input(1/4"): Connect a guitar to this guitar input terminal.
20. Microphone Input(1/4"): Connect a microphone to this microphone input terminal.
21. AC Connection: Connect the power cord to AC outlet.
22. Antenna is for receiving the FM signal. Before used, extend the telescopic FM antenna. Pack up the FM antenna to better protect it after used.

REMOTE CONTROL

1. POWER: Press this button to stand by ON/OFF the unit. Four dots (- - - -) is displayed when standby.
2. INPUT:Press this button to toggle between the various inputs for LINE(AUX), USB/SD, FM , Bluetooth.
3. KEY Number for selecting the certain track for USB/SD or stored channel in FM.
4. MUTE: Press this button to mute
5. VOL+: Press this button to increase the volume.
6. VOL-: Press this button to reduce the volume.
7. CH-/⏮: Press this button to select the previous track or stored channel for USB/SD/Bluetooth/ FM.
When on USB/SD mode, hold this button to fast backward .
8. CH+/⏭: Press this button to select the next track or stored channel for USB/SD/Bluetooth/ FM.
When on USB/SD mode, hold this button fast to forward.

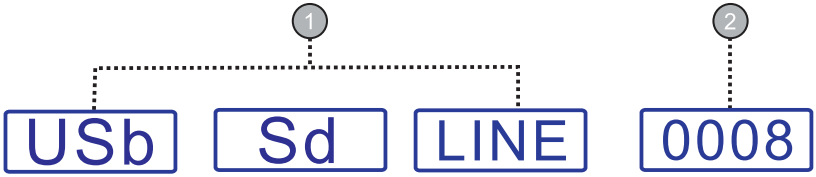


9. EQ: Press this button to select the different EQ mode for USB/SD.
10. PREVIOUS/NEXT Folder Button: Press this button to move to the previous/next folder on USB/SD drive.
11. SCAN, PAIR, REPEAT & PLAY/PAUSE button: Press this button to play or pause the track of USB/SD/Bluetooth/FM. When on Bluetooth mode, hold it will disconnect the pairing. Hold it to auto scan in FM. Hold it to select the repeat modes for USB/SD. Which is equivalent to the play/pause key (13) on the main unit's rear panel.

MICROPHONE

1. Before powering on the microphone, be sure to set the Microphone Volume Knob to zero. Once the microphone is powered on, slowly increase the microphone volume.
2. If you notice static or distortion in the microphone, check the Mic connection.
3. When not in use, turn off the power of the microphone.

DIGITAL DISPLAY



INPUT MODES: The LED display screen will display the information of input modes for USB/SD/LINE(AUX)/FM/Bluetooth.

1. When a USB flash drive/SD card is inserted into the USB/SD input, the unit will automatically switch to USB/SD mode and the display shows USb or Sd.
   EQ Mode: EQ modes will display here, Pop, Rock, Jazz, Classic, Normal for USB/SD.
   Repeat Mode: When the USB flash or SD card mode is selected, press the RPT button (hold play key) to select Repeat Play for repeat folder/ one/ random/ ALL.
2. Track Number: The track number currently playing from the USB/SD will display.

3. FM Mode: All FM channels display here. Hold “PLAY/PUASE” button for scanning all channels.
4. Bluetooth Mode: To disconnect pairing, Hold the “PLAY/PAUSE” button.

Light effect auto on when this unit is turned on.

PAIRING A BLUETOOTH DEVICE

1. Turn on you Bluetooth device.
2. Turn on the speaker to Bluetooth. the unit will automatically go into pairing mode to search for Bluetooth device. You will know you are in pairing mode when the LED is flash quickly.
3. If your Bluetooth device is not able to pair to the unit, disconnect the unit's previous Bluetooth connections and reset the Bluetooth module by holding play key.
4. Navigate to your Bluetooth device's setup screen, find "PA1540B" and connect.
5. Bluetooth indicator light will light up solid when connected.
6. To disconnect pairing, hold PLAY/PAUSE button.
   Note: You can connect with a smart phones or tablet PC with Bluetooth.

BATTERY

1. The unit is a battery powered PA loudspeaker. Be sure that you have completely charged the battery prior to first use to maximize the battery's lifespan. The unit takes approximately 2 hours to fully charge. The unit will automatically begin charging once the power cord is connected to a power source and Power Switch is better set to off.
   The unit will also power on when connected to a AC power source even if the battery power is low.
   When connected to a power source, the unit will play while also charging the battery slowly.
2. Upon completion of the charging, Please disconnect the power cable.
3. With standard usage, a fully charged battery can play for about 2.5 hours.
4. Battery can be recharged about 300 times in its life time.
5. When not in use, the speaker should always be set fo OFF to prevent the unit from draining the battery.
6. When the unit is not used for prolonged periods of time, the battery will gradually lose its power. It is recommended to fully charge the battery regularly.

SPECIFICATION

GENERAL
POWER REQUIREMENT: AC100-240V~50/60Hz
REMOTE CONTROL: DC 3V 1.5V UM4/AAAX2PCS
POWER CONSUMPTION: AC 30W
FM FREQUENCY: 87.5-108MHz
GROSS WEIGHT: 14.6KG
DIMENSIONS: 49.0cm(L) x40.0cm(W) x 75.0cm(H)

AUDIO SECTION

Output Power..... 30W (RMS)

ACCESSORIES

Speaker Box (Unit)..... 1
Remote Control (UM4 Battery x2pcs).....1
Wired Microphone.....1
Instruction Manual.....1
Warranty Card.....1
AC Cord.....1
DC Cord.....1
3.5mm to 3.5mm AUX-IN Cable 1
RCA to RCA AUX-IN Cable.....1

Note: Specifications are subject to change for continuous improvement without prior notice.

CAUTION:

- The apparatus shall not be exposed to dripping or splashing and that no objects filled with liquids, such as waves, shall be placed on the apparatus.
- Minimum distances 30 cm around the apparatus for sufficient ventilation.
- The ventilation should not be impeded by covering the ventilation. Opening with items, such as newspapers, table-cloths,curtains,etc.
- No naked flame sources, such as lighted candles, should be placed on the apparatus.
- When the mains plug or an appliance coupler is used as the disconnect device, the disconnect device shall remain readily operable.
  To be completely disconnected the power input, the mains plug of apparatus shall be disconnected from the mains completely.
- The main plug of apparatus should not be obstructed or should be easily accessed during intended use.
- The use of apparatus in moderate climates.
- Attention should be drawn to the environmental aspects of battery disposal.
- Batteries shall not be exposed to excessive heat such as sunshine, fire or the like.
  About Battery pack:
  This unit works on the direct AC or supplied battery pack(Model no: LC18650),DC 11.1V,1.8Ah; unplug the AC Power cord from the AC socket to work on the battery pack(after fully charged);plugging the AC Power cord while the battery pack is attached in initiates the charging of this battery. When the battery is fully charged the indicator will turn to green. This playing time may vary with the surrounding environment, the volume level of the speaker and the battery condition. It is advised that you wait 10-20 minutes before recharging the battery pack if it has turned flat or any distortion during operation.

FCC Notice:

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.

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