pure acoustics®

Amplified 15" Speaker System
Model # PSX-15400

User manual
&
Safety Guide

Thank you for choosing Pure Acoustics. We hope you enjoy each and every use of this product. We suggest that you read this user manual carefully before primary use in order to utilize all of the features in functions installed. Please store it in a safe place for future reference and pass it on to the next owner.

Caution & Safety Guide:
Please power off the unit when not in use. If the unit will not be in use for an extended period, it is suggested that you disconnect the unit from its power source.
To prevent damage to the unit do not install in areas of extreme heat or in areas with direct exposure to sunlight.
Don't install the unit in or near a place where it may come in contact with rain, moisture or other liquids.
Install the unit on a horizontal, flat and firm surface with good ventilation. Never block the speaker, blocking these vents may cause damage to the speaker as a result of overheating.
To clean the unit, simply wipe it down using a dry, soft cloth. The unit should never be cleaned chemicals or detergent.

In the rear occurrence of malfunction do not attempt to repair the unit on your own. Contact a certified service professional for a proper diagnosis and repair.
Caution: Dismantling the unit on your own is dangerous and may cause damage to your person or property and will void the warranty.

CAUTION
RISK OF ELECTRIC SHOCK
DO NOT OPEN

The lightning flash is intended to alert the user to the presence of dangerous voltage within the product's enclosure and touching the internal components may result in an electric shock to your person.
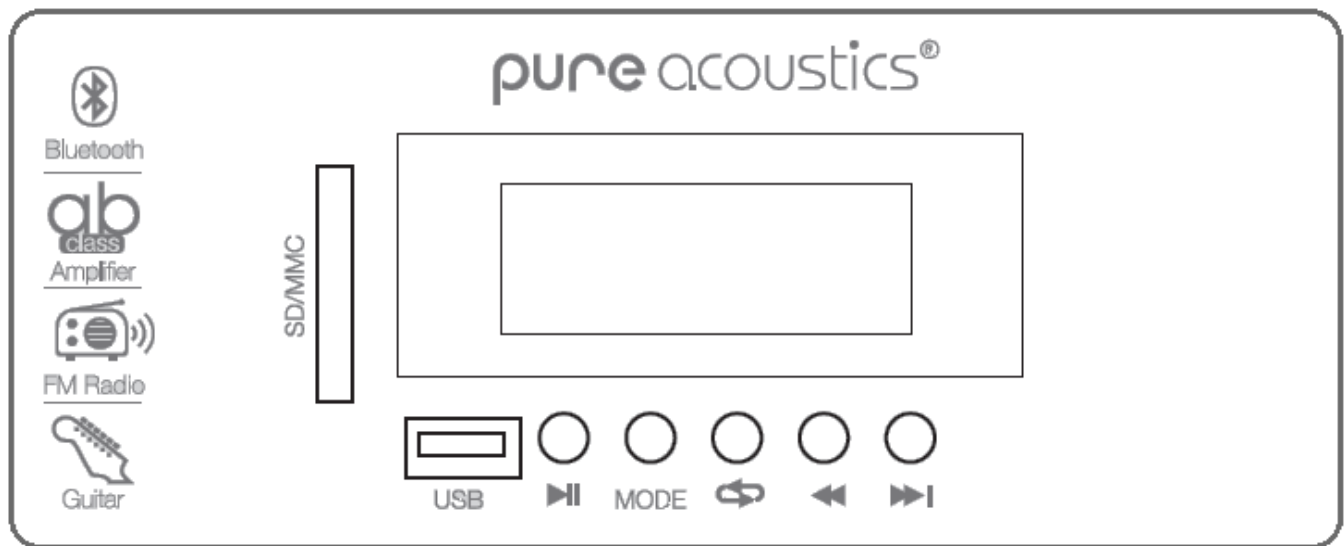
The exclamation mark is intended to alert the user to the presence of important operating instructions.

To reduce the risk of electric shock or fire, do not remove the cabinet cover simply contact a service professional.
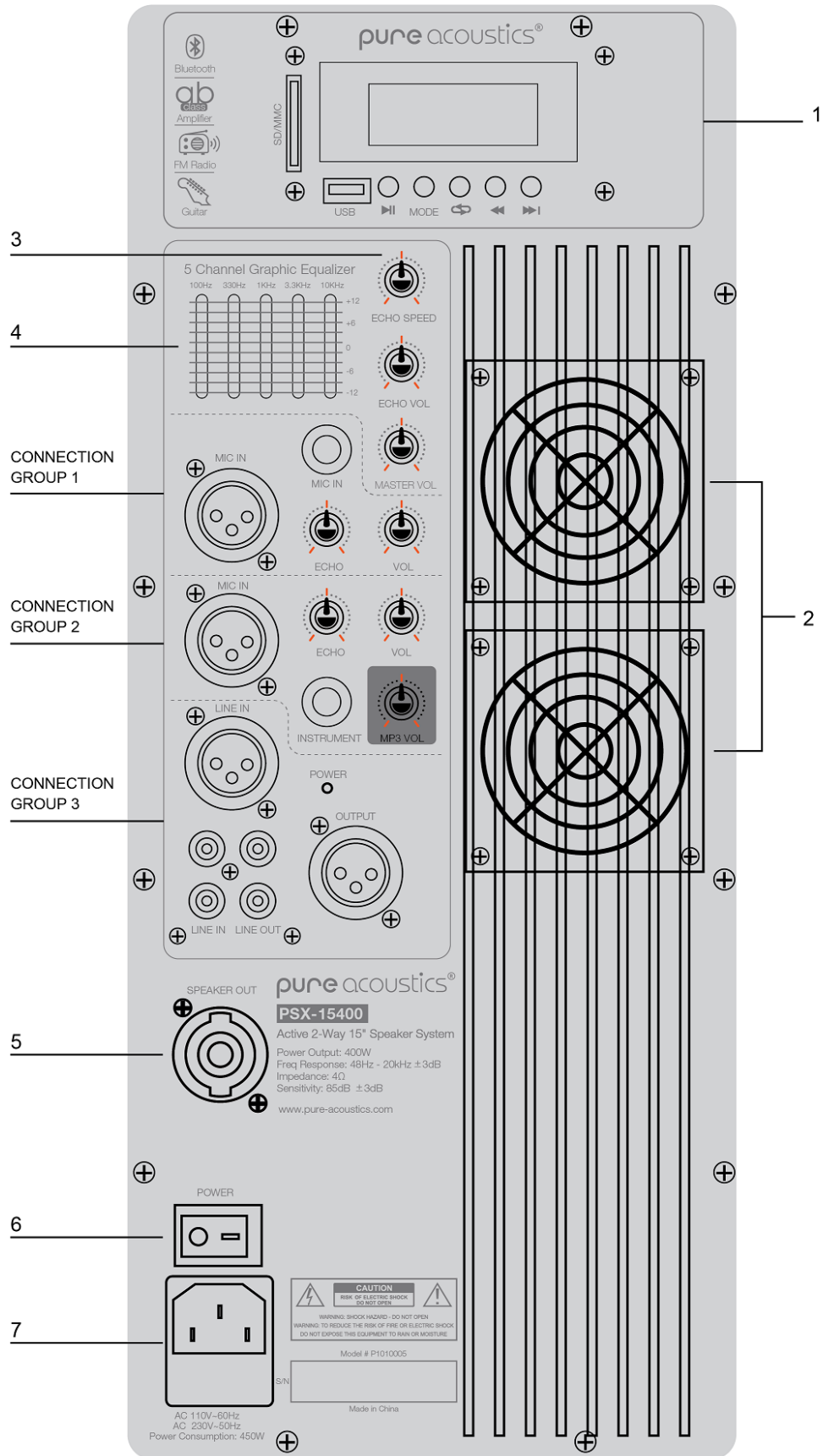
Features:

• **Amplification** - Class A/B Amplifier for a more reliable and dynamic sound performance

• **Bluetooth** - Stream audio wirelessly from any Bluetooth enabled device

• **Digital Display** - Indicates the current mode, track information, FM Station, Power Level and more…

• **5CH Equalizer** - Ultra accurate sound control range 100Hz-10 kHz provides a more customized performance

• **USB port & Micro SD card slot**- Access music stored on your memory cards and flash Drives

• **Wired MIC Connections** - 3 microphone inputs with independent volume and echo controls

• **Instrument input**- Independent volume and echo controls

• **Line Input** - Play music from Smartphones, tablets and other music devices using an RCA or XLR connection

• **FM Radio** - Digital FM tuner with auto scan and upto 20 preset stations

• **Voltage Select** - Voltage switch on back panel allows you to switch between 115V/230V power requirements

• **Travel Easy -** Convenient pop-up handle and ultra-durable wheels for safe mobility

• **Mount Ready** - 35mm built-in pole mount socket for use on a tripod (not included)

• **IR Remote Included** - Full function IR remote control

Multimedia Panel:

MODE	Switches input between internal USB/SD/BT and AUX input
Repeat	Press to repeat current track
REC	Enter record mode (on IR Remote) - insert flash drive or SD card to record (not included)
I<<	Momentary press for previous track
	Press and hold to decrease volume
>II	Play/Pause track
>>I	Momentary press for next track
	Press and hold to increase volume

Back Panel:

Bluetooth

ab Class Amplifier

FM Radio

Guitar

SD/MMC

pure acoustics®

USB ▶❙ MODE ⟳ ◀◀ ▶▶❙

1

3 5 Channel Graphic Equalizer

100Hz 330Hz 1KHz 3.3KHz 10KHz

+12
+6
0
-6
-12

4

ECHO SPEED

ECHO VOL

CONNECTION GROUP 1

MIC IN

MIC IN

MASTER VOL

ECHO VOL

CONNECTION GROUP 2

MIC IN

ECHO VOL

CONNECTION GROUP 3

LINE IN

INSTRUMENT MP3 VOL

POWER

OUTPUT

LINE IN LINE OUT

2

pure acoustics®

SPEAKER OUT

PSX-15400

Active 2-Way 15" Speaker System

Power Output: 400W
Freq Response: 48Hz - 20kHz ±3dB
Impedance: 4Ω
Sensitivity: 85dB ±3dB

www.pure-acoustics.com

5

POWER

6

7

⚡ 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

Model # P1010005
S/N

AC 110V~60Hz
AC 230V~50Hz
Power Consumption: 450W

Made in China

Back Panel Menu
1. Digital display/multimedia control panel
2. Heat vents x 2
3. Master echo speed control
4. 5CH graphic equalizer including independent volume and echo knobs

Connection Group 1

Wired 6.3mm microphone input

Wired XLR microphone input

Independent volume and echo controls

Please note: This system allows the use of both wired microphones simultaneously but limits individual customization capability of the volume and echo levels

Connection Group 2

Wired XLR microphone input

Wired 6.3mm instrument input

Independent volume and echo controls

Please note: This system allows the use of both inputs simultaneously

Connection Group 3 (Inputs)

XLR output port for the connecting of an additional active speaker

RCA output port for the connecting of an additional active speaker

Connection Group 3 (Inputs)

XLR auxiliary input port for connecting smartphones, tablets and other music devices

RCA auxiliary input port for connecting smartphones, tablets and other music devices

LED power indicator light

Please note: This system allows the use of both inputs simultaneously but it is not recommended when using 2 different music sources.

5. Speaker output for connecting an additional passive speaker using either an XLR or RCA connector
6. On/Off power switch
7. Power cord connection port

Connections

Bluetooth Connection

Primary Pairing and Connection of a Bluetooth Enabled Device

Push the **Power Switch** to the position

Press the **mode** button repeatedly on the speaker to enter Bluetooth mode, the display will read "BLUETOOTH" indicating the speaker is in pairing mode.

Using the native controls on your Bluetooth device hit search to scan for available devices and select "**Pure Acoustics**" to connect.

Once successfully connected, audio played through the connected Bluetooth device will heard through the speaker.

After the initial pairing and connection, the unit will stay paired unless manually deleted by the user, or until it is erased due to a reset of the device.

If your device should become unpaired or you find it is unable to connect, repeat the above steps.

Stream Audio from your Bluetooth Device

Follow the instructions for **Pairing a Bluetooth Device** above.

Use the native controls on the connected Bluetooth Device to select a track.

To play, pause or skip the selected track, use the native controls on the connected Bluetooth Device or use the multimedia keypad on the speaker.

Line Input Connections

Plug one end of the RCA cable (not included) into the **RCA Input** on the back panel.

Plug the other end of the cable into the audio output/headphone jack on your Smartphone, tablet, music player or other audio source.

Push the **Power Switch** to the position

Press the **mode** button repeatedly on the speaker to enter "LINE IN" mode indicated on the digital display as AUX mode. Audio played on the connected device will now be heard through the speakers.

USB/Micro SD Card

Plug n' Play music off of flash drives or micro SD cards (maximum 32GB) via USB port or SD card slot on main control panel

Please note: This unit will only read WMA/MP3 Audio files.

*Please Note: You may adjust the volume levels using the master volume to adjust the sound levels of all connected devices at once or use the MP3 volume knob to control only the connected music source.

Digital FM Tuner

Press the mode button until the speaker enters FM mode to tune into your favorite radio stations both indoors and out. Long press the Play/Pause button to auto scan upto 15 preset stations.

Primary Wired Microphone Connection

Connect a wired microphone using an XLR or a 6.3mm plug. Use the independent volume and echo control knobs to adjust the sound to your desired levels.

Secondary Wired Microphone Connection

Connect a wired microphone using an XLR plug. Use the independent volume and echo control knobs to adjust the sound to your desired levels.

Instrument Connection

Connect any instrument by inserting a 6.3mm plug into the instrument indicated on the panel as "INSTRUMENT". Use the master volume and echo controls to adjust the sound to your desired levels.

Connecting Additional Amplified Speakers

The PSX-15400 is an expandable system. This means that as many as 3 additional amplified speakers may be connected at the same time. Please read the below carefully in order to utilize all of the features of the system.

Connection Option 1:

Connect an additional amplified speaker using and RCA cable by inserting one end in to the back panel marked LINE OUT. Connect the other end into the additional amplified speaker marked LINE IN.

Connection Option 2:

Connect an additional amplified speaker using an XLR cable by inserting one end in to the back panel marked OUTPUT. Connect the other end into the additional amplified speaker marked INPUT.

Connection Option 3:

Connect an additional passive speaker using an XLR connection or a 6.3mm plug to the dual port on the back panel labeled "SPEAKER OUT" and marked in blue

Technical specifications:

Amplifier

Input   240V-50Hz/120V-60Hz

Output power   350W RMS 4000W PMPO

Signal to noise ratio >=105dB

Distortion   >=0.1%

Input impedance   Mic. 600 Ohms   Aux. 20 kohms

Sensibility   Mic.-36 dBv   AUX. 4 dBv

Input level   Mic.22 dBv   AUX .22 dBv

Frequency response   50 Hz a 20 kHz

Crossover frequency   4 kHz

Woofer

Impendence: 4 ohms

Sensibility: 100 dB/m/ww

Frequency Response: 43Hz a 4.5 kHz

 Power 400W RMS

Diameter: 385 mm (15")

Coil Diameter: 75 mm (3")

Magnet: 2155g (80oz)

Tweeter

Impendence: 6 ohms

Sensibility: 114 dB/m/w

Frequency Response: 2 kHz a 20 kHz

Power   40 W RMS

Coil diameter: 44 mm (1-3/4")

Magnet: 568 g (20oz)

Size: 480 x 720 x mm

Weight: 21 kg

Enjoy!

Once again we thank you for purchasing the PSX-15400 portable wireless bluetooth speaker. It is our hope that you enjoy this product every time it is put to use therefore, we suggest that you keep this user manual safe for future reference and so it may be passed on to the next owner.

Please feel free to visit our website www.pure-acoustics.com for information on this product as well as hundreds more

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