

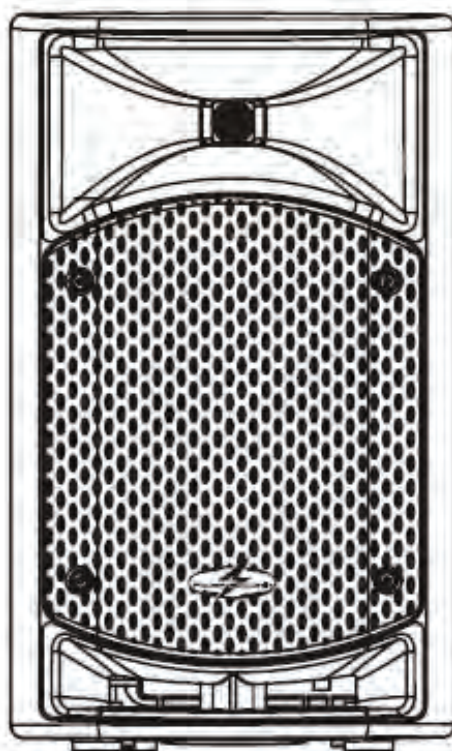
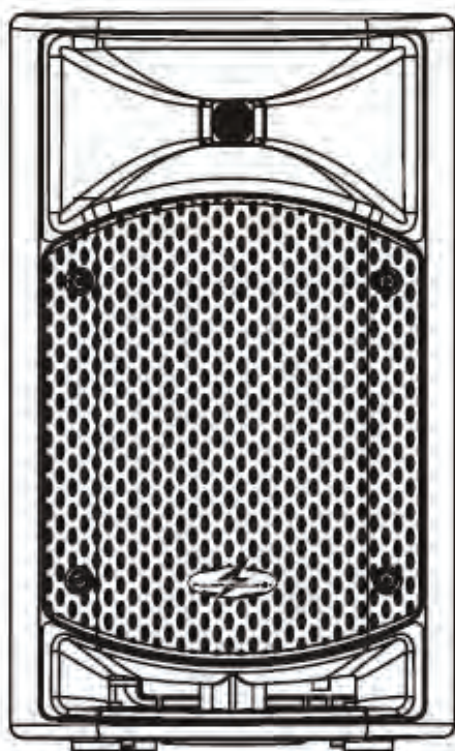


**P-12A**

**P-12AUI**

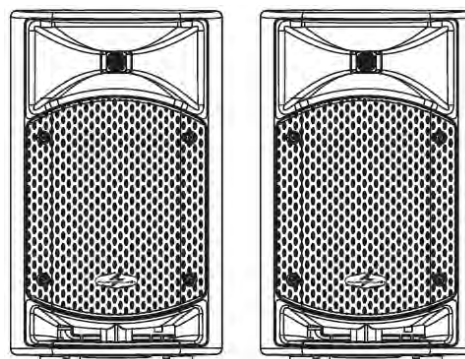
**P-15A**

**P-15AUI**





Thank you for purchasing this Portable PA system. To gain the most benefit from this PA system and its sophisticated functions, you need to read through this manual thoroughly. Keep it in a safe place for future reference.



## Features

### ■ Main Features:

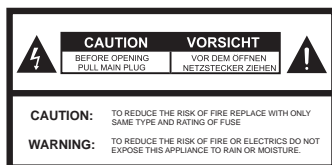
Tri-Pod, Flyable, & Floor Mounting Configuration  
IMPP Vented Plastic Cabinet  
2" Voice Coil Woofer (12")  
2.5" Voice Coil Woofer (15")  
1" Compression Driver  
35-20kHz Frequency Response (12")  
35-20kHz Frequency Response (15")  
98dB (1w/1m) Sensitivity (12")  
101dB (1w/1m) Sensitivity (15")  
23.4"h x 15.1"w x 13.7"d; 35.2lbs (12")  
27.6"h x 18.1"w x 16.3"d; 44lbs (15")

### ■ P-12A & P-15A

1,000W Max Power/400W RMS Class D Amplifier(12")  
1,200W Max Power/500W RMS Class D Amplifier(15")  
2 Ch. XLR Mic & Line Input  
Stereo RCA & Phono Line Input  
Mic & XLR Line-in Gain Control  
2-Band Equalizer

### ■ P-12AUI & P-15AUI

USB Flash Drive Input  
Playback Controls & LCD Display  
iPod Input w/ Charging  
\* Other specifications same as P-12A/P-15A



### Explanation of Graphical Symbols

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.



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 product.

## IMPORTANT SAFETY INSTRUCTIONS

- 1 Read these instructions.
- 2 Keep these instructions.
- 3 Heed all warnings.
- 4 Follow all instructions.
- 5 Do not use this apparatus near water.
- 6 Clean only with dry cloth.
- 7 Do not block any ventilation openings. Install in accordance with the manufacturer's instructions.
- 8 Do not install near any heat sources such as radiators, heat registers, stoves, or other apparatus (including amplifiers) that produce heat.
- 9 Do not defeat the safety purpose of the polarized or grounding-type plug. A polarized plug has two blades with one wider than the other. A grounding type plug has two blades and a third grounding prong. The wide blade or the third prong are provided for safety. If the provided plug does not fit into your outlet, consult an electrician for replacement of the obsolete outlet.

- 10 Protect the power cord from being walked on or pinched particularly at plugs, convenience receptacles, and the point where they exit from the apparatus.
- 11 Only use attachments/accessories specified by the manufacturer.
- 12 Use only with the cart, stand, tripod, bracket, or table specified by the manufacturer, or sold with the apparatus. When a cart is used, use caution when moving the cart/apparatus combination to avoid injury from tip-over.
- 13 Unplug this apparatus during lightning storms or when unused for long periods of time.
- 14 Refer all servicing to qualified service personnel. Servicing is required when the apparatus has been damaged in any way, such as power-supply cord or plug is damaged, liquid has been spilled or objects have fallen into the apparatus, the apparatus has been exposed to rain or moisture, does not operate normally, or has been dropped.



### WARNING

TO REDUCE THE RISK OF FIRE OR ELECTRIC SHOCK, DO NOT EXPOSE THIS APPARATUS TO RAIN OR MOISTURE.

## PRECAUTIONS

### PLEASE READ CAREFULLY BEFORE PROCEEDING

\* Please keep this manual in a safe place for future reference.



### WARNING

Always follow the basic precautions listed below to avoid the possibility of serious injury or even death from electrical shock, short-circuiting, damages, fire or other hazards. These precautions include, but are not limited to, the following:

#### Power supply/Power cord

- Only use the voltage specified as correct for the device. The required voltage is printed on the name plate of the device.
- Use only the included power cord.
- Do not place the power cord near heat sources such as heaters or radiators, do not excessively bend or otherwise damage the cord, place heavy objects on it, or place it in a position where anyone could walk on, trip over, or roll anything over it.
- Be sure to connect to an appropriate outlet with a protective grounding connection. Improper grounding can result in electrical shock.

#### Do not open

- Do not open the device or attempt to disassemble the internal parts or modify them in any way. The device contains no user-serviceable parts. If it should appear to be malfunctioning, discontinue use immediately and have it inspected by qualified service personnel.

#### Water warning

- Do not expose the device to rain, use it near water or in damp or wet conditions, or place containers on it containing liquids which might spill into any openings.
- Never insert or remove an electric plug with wet hands.

#### If you notice any abnormality

- If the power cord or plug becomes frayed or damaged, there is a sudden loss of sound during use of the device, or any unusual smells or smoke should appear, turn off the power switch, disconnect the electric plug from the outlet immediately, and have the device inspected by qualified service personnel.
- If this device is dropped or damaged, immediately turn off the power switch, disconnect the electric plug from the outlet, and have the device inspected by qualified service personnel.

## CAUTION

Always follow the basic precautions listed below to avoid the possibility of physical injury to you or others, or damage to the device or other property. These precautions include, but are not limited to, the following:

### Power supply/Power cord

- Remove the electric plug from the outlet when the device is not to be used for extended periods of time, or during electrical storms.
- When removing the electric plug from the device or an outlet, always hold the plug itself and not the cord. Pulling by the cord can damage it.

### Location

- When transporting or moving the device, always use two or more people. Attempting to lift the device by yourself may damage your back, result in other injury, or cause damage to the device itself.
- Before moving the device, remove all connected cables.
- When setting up the device, make sure that the AC outlet you are using is easily accessible. If some trouble or malfunction occurs, immediately turn off the power switch and disconnect the plug from the outlet.
- Do not use the device in a confined, poorly ventilated location. Make sure that there is adequate space between the mixer and surrounding walls or other devices: at least 1' ft. at the side, 1' ft. behind and 1' ft. above. If the mixer is to be used installed into the speaker cabinet, make sure to allow adequate space between the speaker and the surrounding walls or other devices: at least 1' ft. at the sides, 1' ft. behind and 1' ft. above. Inadequate ventilation can result in overheating, possibly causing damage to the device(s), or even fire.
- Do not use the speaker's handles for suspended installation. Doing so could result in damage or personal injury.
- Avoid setting all equalizer controls and faders to their maximum. Depending on the condition of the connected devices, doing so may cause feedback and may damage the speakers.
- Do not expose the device to excessive dust or vibrations, or extreme cold or heat (such as in direct sunlight, near a heater, or in a car during the day) to prevent the possibility of panel disfiguration or damage to the internal components.
- Do not place the device in an unstable position where it might accidentally fall over.
- Do not block the vents. This mixer has ventilation holes at the top to prevent the internal temperature from becoming too high. In particular, do not place the device on its side or upside down. Inadequate ventilation can result in overheating, possibly causing damage to the device(s), or even fire.
- Do not use the device in the vicinity of a TV, radio, stereo equipment, mobile phone, or other electric devices. Doing so may result in noise, both in the device itself and in the TV or radio next to it.

### IMPORTANT

Please record the serial number of this unit in the space below.

Model:

Serial No.:

The serial number is located on the bottom or rear of the unit.

Retain this Owner's Manual in a safe place for future reference.

### Connections

- Before connecting the device to other devices, turn off the power for all devices. Before turning the power on or off for all devices, set all volume levels to minimum.

For the SPEAKERS jacks, Use only the included speakers and speakers cables. Use of other types of speakers and cables may result in damage to the device(s), or even fire.

### Handling Precautions

- When turning on the AC power in your audio system, always turn on the device LAST, to avoid speaker damage. When turning the power off, the device should be turned off FIRST for the same reason.
- Do not insert your fingers or hands in any gaps or openings on the device (vents, ports, etc.).
- Avoid inserting or dropping foreign objects (paper, plastic, metal, etc.) into any gaps or openings on the device (vents, ports, etc.). If this happens, turn off the power immediately and unplug the power cord from the AC outlet. Then have the device inspected by qualified service personnel.
- Do not use the device for a long period of time at a high or uncomfortable volume level, since this can cause permanent hearing loss. If you experience any hearing loss or ringing in the ears, consult a physician immediately.
- Do not operate the device if the sound is distorting. Prolonged use in this condition could cause overheating and result in fire.
- Do not rest your weight on the device or place heavy objects on it, and avoid use excessive force on the buttons, switches or connectors.

### Protective Circuit (poly switch)

All full-range loudspeakers are fitted with a self-resetting poly switch that protects the high-frequency driver from damage caused by excessive power. If a loudspeaker cabinet loses high-frequency output, immediately remove power from the unit and wait for two to three minutes. This should be long enough to allow the poly switch to reset. Reapply power and check the performance of the high frequency driver before continuing, with the power reduced to a level that does not cause the poly switch to interrupt the signal.

### Interference From Cell Phone

Using a cell phone near the speaker system can induce noise. If this occurs, move the cell phone further away from the speaker system. Air blowing out of the bass reflex ports is normal, and often occurs when the speaker is handling program material with heavy bass content.

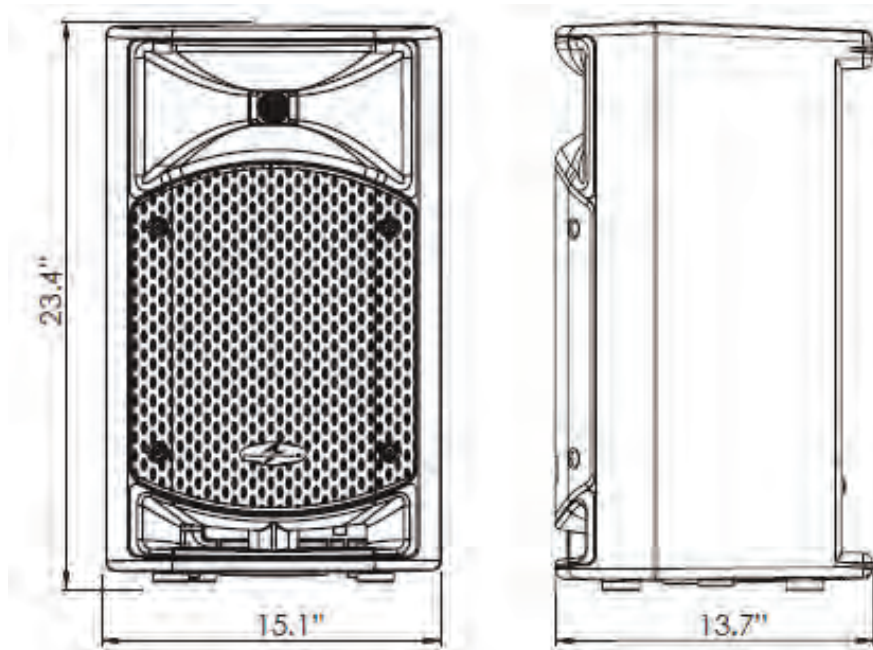
The manufacturer will not be responsible for damage caused by improper use or modification to the device.

Always turn the power off when the device is not in use. The performance of components with moving contacts, such as switches, volume controls, and connectors, deteriorates over time. Consult qualified service personnel about replacing defective parts.

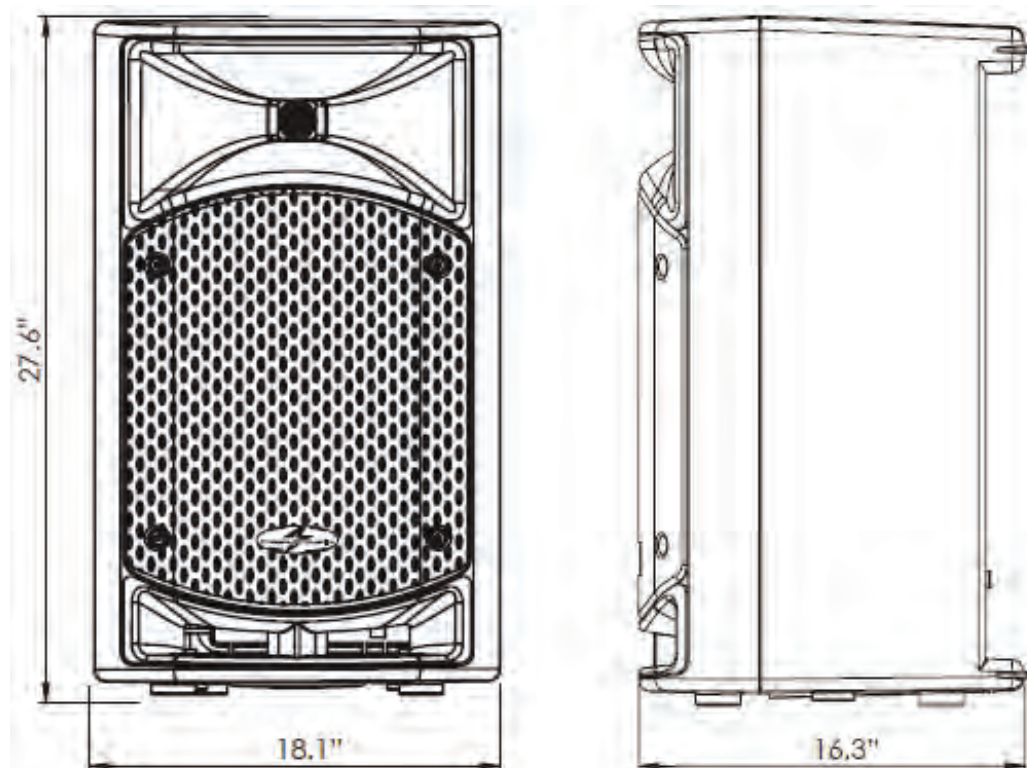


## DIMENSIONS:

### ■ P-12A & P-12AUI



### ■ P-15A & P-15AUI



# Quick Guide

## Quick Set-up

We know you're anxious to enjoy your portable PA system. The following instructions will get you started:

### 1 Before Connecting Devices and Power....

Turn all volume and gain levels, equalizer, to minimum. Set the MIC/LINE switch in for microphone use, or out for line-in use.



Before connecting any devices, make sure to turn off the power for all devices (including microphones). Also, before turning the power on or off, set the volume levels on all devices to minimum.

**NOTE:** For best results when connecting an instrument, use a direct box, preamp, or amp simulator.

### 2 Connecting Microphones or Instruments to the Amplifier.

Connect the output from your signal source (mixing console, microphone, preamp, or other Mic or line level source) directly to the INPUT connector on the back of PA-12A/PA-15A. PA-12A & PA-15A use a combination of XLR and 1/4" TRS connector, accepting balanced or unbalanced line-level signal from mixers, preamplifiers, CD players, tape decks, etc. with the MIC/LINE switch set out for LINE, and accepts direct connections from dynamic microphones with the MIC/LINE switch set in for MIC.

P-12AUI & P-15AUI also have USB port for MP3 playback, iPod connection, and stereo RCA jacks specifically for stereo line-level input from auxiliary devices.

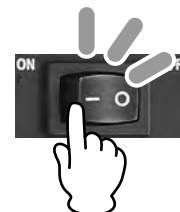
### 3 Connection Power to the PA System

Connect the supplied AC power cord to the AC receptacle on the back of P-12 or P-15 unit. Plug the male end into an ac outlet, properly configured with the correct voltage for your application. **WARNING** P-12 and P-15 are designed to adapt for both American standard voltage (110VAC-120VAC, 60Hz) and European Standard (220VAC-240VAC, 50Hz). The fuse is designed to adapt to these standards, but before plugging in P-12 or P-15 into an outlet, verify the voltage switch is set to the correct voltage. It is initially set for American Standard voltage.

Turn on the signal source(s), verifying any master volume levels are at minimum. Then, turn on your P-12 or P-15.



To avoid a loud, unexpected noise from the speaker, first turn on the power to those connected devices that are closest to the sound source.



### 4 Playing Devices and Level Settings

Start the signal source, whether its speaking into a microphone, playing an instrument, or starting an auxiliary source. Adjust any volume controls of the signal source for normal operation.

#### USB Playback

If you want to use a USB flash drive for playback, insert the flash drive into the USB port and set the source selector switch to MP3. When using a USB flash drive, use the playback controls for track selection. Track name and duration are displayed on the LCD screen.

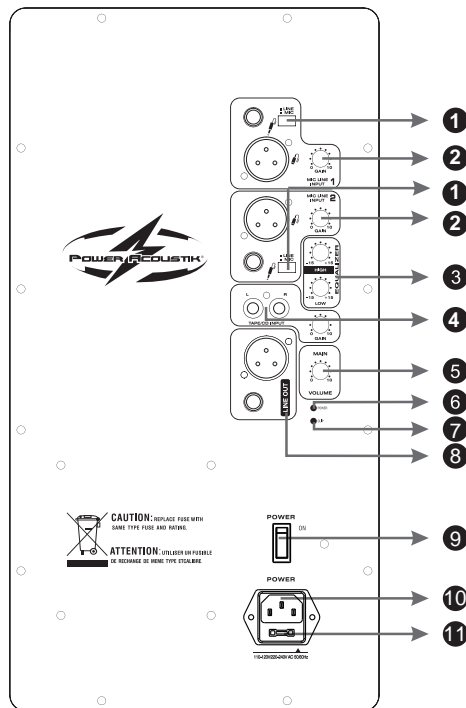
#### iPod Playback

If using an iPod, insert the iPod into the docking station and set the source selector switch to iPod. When using an iPod for playback, use the controls of the iPod for track selection and playback control.

#### Level Settings

Slowly increase the gain controls for the input channels or on-board source until the desired level is achieved. If the volume level increases rapidly, decrease the main volume level immediately. If output level is low, verify all gain levels and volume levels are set correctly. In the event there is no sound, always reduce the main volume to minimum before investigating other sources. There may be a mixer or preamplifier mute or delay that may activate suddenly.

# **P-12A / P-15A**



## **① MIC/LINE SWITCH**

A combination XLR and 1/4" TRS connector, and accepts balanced or unbalanced line-level signals from mixers, preamplifiers, CD players, tape decks, etc., with the MIC/LINE switch pushed out; accepts direct connections from dynamic microphones with the MIC/LINE switch pushed in.

## **② GAIN CONTROL**

These are used to adjust the signal level from each individual channel. You can connect a line-level, a microphone to the input, and use this control to adjust the level correctly.

Follow the Quick Start Guide for setting the gain controls. For most application, it will be in the 12 o'clock position. If you have a particularly high line-level signal connected to P-12A/P-15A, you may need to turn the gain control down to the 9 o'clock position. If you have a low line-level or MIC-level signal connected, you may need to turn the gain control up to 3 o'clock position.

## **③ HIGH AND LOW EQ**

Use the EQ controls to make overall adjustments to the sound of the P-12A/P-15A.

The HIGH EQ provides a boost or cut of up to 15 dB for the high frequency. The frequencies include the sizzle of the cymbals, the edge of a guitar, or the upper harmonics of vocals.

In general, boosting the HIGH EQ will brighten the sound of the louder speaker.

The low EQ provides a boost or cut of up to 15dB for the low frequencies. These frequencies are represented by the punch in bass drums, bass guitar, and some really serious signers.

## **④ TAPE/CD INPUT( STEREO INPUT)**

A pair of RCA connectors, which accept a stereo line-level input from a CD player or TAPE player (or any other line-level device)

## **⑤ VOLUME**

This is used to adjust the signal level going into the built-in power amplifiers, from off up to 10dB gain.

## **⑥ POWER INDICATOR**

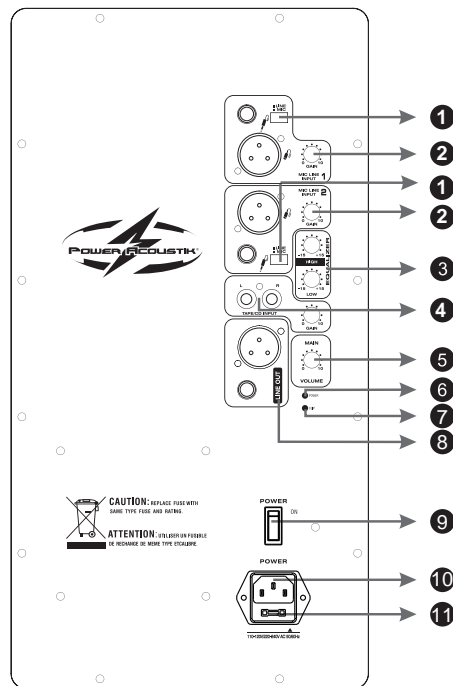
When the POWER SWITCH is turned on, and the line cord is connected to an active AC mains supply. This indicator is just located above the LINE OUTPUT, glows to let you know that you're ready to rock and roll.

## **⑦ CLIP INDICATOR**

When signal levels at the amplifier outputs approach clipping, a soft limiting circuit is activated that reduces the input signal. CLIP (LIMIT) led lights whenever the limit circuit is active.

It's okay for CLIP indicator to blink occasionally, but if it blinks frequently or continuously, either turn down the signal level at the mixer or other signal source, or turn down the P-12A/P-15A.

## **P-12A / P-15A**



### **⑧ LINE OUT**

The P-12A/P-15A speaker has both XLR and 1/4" TRS connectors.

Use these connectors to patch the signal from the P-12A/P-15A to another P-12A/P-15A or other active louder speakers.

### **⑨ POWER SWITCH**

Switch up to turn the P-12A/P-15A on. Make sure the VOLUME control is down before you turn it on.

When the POWER SWITCH is turned on, and the line cord is connected to an active AC main supply. The cool blue led on the back of the speaker glows to let you know that you're ready to rock and roll.

### **⑩ AC POWER SOCKET**

This is a standard 3-prong IEC connector. Connect the detachable line cord (included with your P-12A/P-15A) to the power receptacle, and plug the other end of line cord into an outlet.

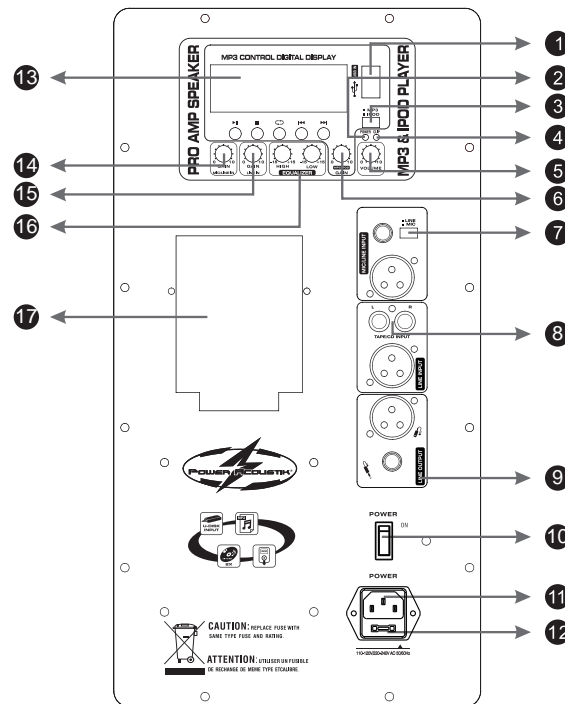
### **⑪ FUSE**

The P-12A/P-15A speaker has been designed to adapt to both American voltage standard (110VAC-120VAC,60HZ) and European Standard(220VAC-240VAC,50HZ).The fuse is designed to adapt to these two standard, but before plugging a P-12A/P-15A speaker into an outlet ensure the fuse is on the right side. Originally, it is placed to adapt to American voltage standard, if you want to plug into a European standard voltage, please revise the side of the fuse.

**Product design and specification are subject to change without previous notices.**



**P-12AUI / P-15AUI**



**① USB PORT**

**② POWER INDICATOR**

When the POWER SWITCH is turned on, and the line cord is connected to an active AC mains supply. This indicator is just located above the LINE OUTPUT, glows to let you know that you're ready to rock and roll. reduces the input signal. CLIP (LIMIT) led lights whenever the limit circuit is active. It's okay for CLIP indicator to blink occasionally, but if it blinks frequently or continuously, either turn down the signal level at the mixer or other signal source, or turn down the machine

**③ MP3/IPOD SWITCH**

**④ CLIP INDICATOR**

When signal levels at the amplifier outputs approach clipping, a soft limiting circuit is activated

**⑤ MASTR VOLUME**

**⑥ MP3/IPOD VOLUME CONTROL**

**⑦ MIC/LINE SWITCH**

A combination XLR and 1/4" TRS connector, and accepts balanced or unbalanced line-level signals from mixers, preamplifiers, CD players, tape decks.ect, with the MIC/LINE SWITCH out; and accepts direct connections from dynamic microphones with the MIC/LINE SWITCH pushed in.

**⑧ TAPE/CD INPUT( STEREO INPUT)**

Channel 2 has a pair of RCA connectors, which accept a stereo line-level input from a CD player or TAPE player (or any other line-level device)

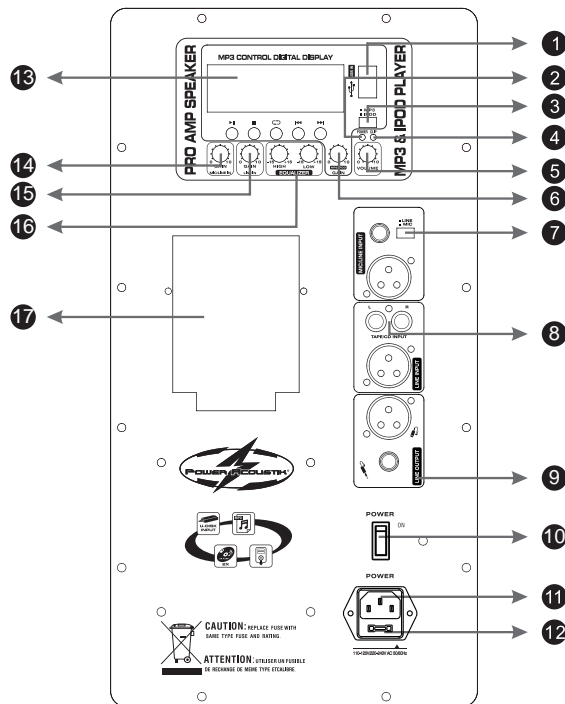
**⑨ LINE OUT**

These speakers has both XLR and 1/4" TRS connectors. Use these connectors to patch the signal to another active speakers.

**⑩ POWER SWITCH**

Switch up to turn the machines on. Make sure the VOLUME control is down before you turn it on. When the POWER SWITCH is turned on, and the line cord is connected to an active AC main supply. The cool blue led on the back of the speaker glows to let you know that you're ready to rock and roll.

## P-12AUI / P-15AUI



### 11 AC POWER SOCKET

This is a standard 3\_ prong IEC connector. Connect the detachable line cord (included with your machine) to the power receptacle, and plug the other end of line cord into an outlet.

### 12 FUSE

These speaker have been designed to adapt to both American voltage standard (110VAC-120VAC,60HZ) and European Standard(220VAC-240VAC,50HZ).The fuse is designed to adapt to these two standard, but before plugging a speaker into an outlet ,please ensure the fuse is on the right side. Originally, it is placed to adapt to American voltage standard, if you want to plug into a European standard voltage, please revise the side of the fuse.

### 13 LCD SCREEN

### 14 MIC/LINE GAIN

This is used to adjust the signal level going into the built-in power amplifiers, from off up to 10dB gain.

### 15 LINE GAIN

### 16 HIGH AND LOW EQ

Use the EQ controls to make overall adjustments to the sound of the machine.

The HIGH EQ provides a boost or cut of up to 15 dB for the high frequency. The frequencies include the sizzle of the cymbals, the edge of a guitar, or the upper harmonics of vocals.

In general, boosting the HIGH EQ will brighten the sound of the louder speaker.

The low EQ provides a boost or cut of up to 15dB for the low frequencies. These frequencies are represented by the punch in bass drums, bass guitar, and some really serious signers.

### 17 IPOD DOCK

This is the station for your IPOD or IPHONE, whenever you want to play your IPOD or IPHONE with the speaker, you should first put your IPOD or IPHONE in play status and then insert it to the IPOD DOCK properly.

**Product design and specification are subject to change without previous notices.**



## CONSUMER LIMITED WARRANTY

Power Acoustik Electronics, (The Company) warrants to the original retail purchaser of its products that should this product under normal use and conditions, be proven defective in material or workmanship within 1 Year from the original date of purchase. Those items with manufacturer's defects will be repaired or replaced at our option with without charge for parts and repair labor.

To obtain repair or replacement within the terms of this warranty, the product or products are to be returned with proof of warranty coverage (e.g. a copy of the receipt for your purchase and installation), Specific information of the nature of the defect(s), all transportation costs are to be paid by the sender including a cashier's check for \$10.00 to cover the return freight and packing.

This warranty does not extend to the elimination of externally generated static or noise, or to cover installation costs for initial installation, removal or reinstallation of the products or to damaged, media sources (DVD's, VHS tapes, Speakers, Amplifiers, Car stereo's or Electrical System Failures).

This warranty does not apply to any product or part thereof which, in the opinion of the company, has been abused or damaged through alteration or modification, improper installation, mishandling, misuse, neglect, accident, or by the removal of the unit.

The Extent of the company's liability under this warranty is limited to the repair or replacement provided above and, in no event, should the company's liability exceed the purchase price paid by the purchaser for the product.

This warranty is in lieu of all other express warranties or liabilities. Any implied warranties, including any implied warranty of merchantability, shall be limited to the duration of this written warranty. Any action for breach of warranty hereunder including any implied warranty of merchantability must be brought within a period of 48 months from the original date of purchase. In no case shall the company be liable for any consequential or incidental damages for breach of this or any other warranty, express or implied, whatsoever. No person or representative is authorized to assume for the company any liability other than expressed herein in connection with the sale of this product.

Some states do not allow limitations on how long an implied warranty lasts or the exclusion of incidental or consequential damage so the above limitations or exclusions may not apply to you. This warranty gives you specific legal rights and you may also have other rights, which vary from state to state.

**Power Acoustik Electronics,**  
1550 S. Maple Ave. Montebello, CA. 90640  
Phone # 1-800-832-4647

