

**PMX601 Features:**

- 6 Channel Mixer Amplifier**
- 14 Total Inputs**
- 6 Balanced Microphone Inputs**
- 6 High Impedance Mic Inputs**



**PMX801 Features:**

- 8 Channel Mixer Amplifier**
- 18 Total Inputs**
- 8 Balanced Microphone Inputs**
- 8 High Impedance Mic Inputs**

**Features On Both Models:**

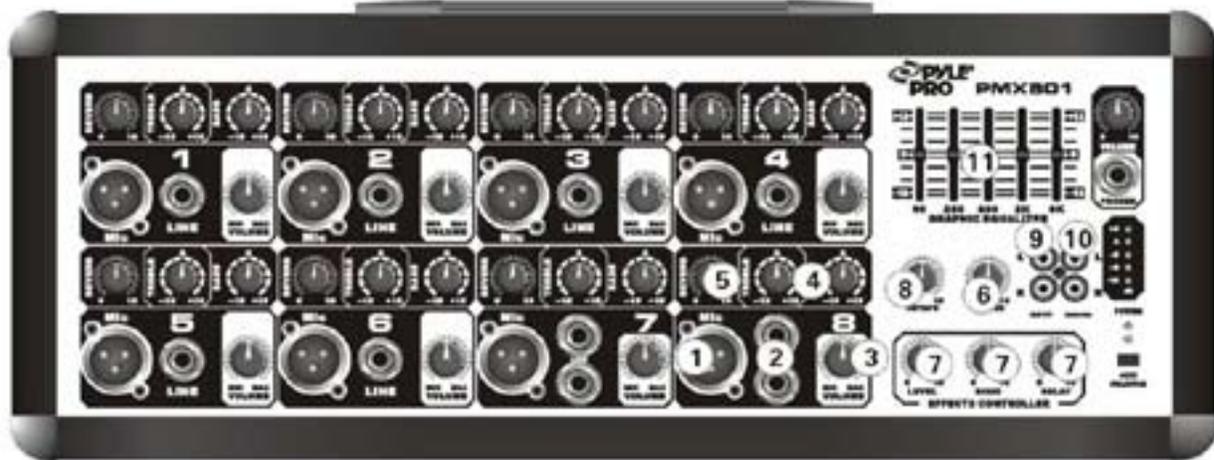
- 150 Watt Amplifier**
- Built In Reverb**
- Individual Control on Each Channel**
- Line Out Jack for Connection to External Amplifiers**
- 6-8 channel mic/line mixer amp**
- 6-8 inputs with XLR plugs**
- 6-8 unbalanced line input jacks**
- RF Interference protection on all inputs/outputs**

# **OWNERS MANUAL**

**PMX601 - PMX801**

[www.pyleaudio.com](http://www.pyleaudio.com)

# OPERATION



This powered mixer is not only easy to use and transport, but also designed with the latest technology. It is built solidly, with a steel chassis in a wood cabinet, with a vinyl surface and metal corners – which makes this unit ideal for portability.

## INPUT SECTION FEATURES

### 1. 3 PIN LOW IMPEDANCE MICROPHONE INPUT BALANCED XLR PLUGS

This input is for balanced low impedance microphones. Phantom power (15 Volts) for condenser microphones is always on and available. It has an input impedance of 1k ohm. The connector is wired as: Pin 1=shield, Pin 3=negative (cold).

### 2. 1/4 LINE/HIGH IMPEDANCE INPUT

This may be used as either a high impedance microphone input or an audio input such as a tape player, CD player or other similar device. It will also allow connection from an electric guitar, bass or keyboard. It is a 2-conductor input with an impedance of 10k ohms. The high and low impedance inputs may be used simultaneously.

### 3. VOLUME CONTROL

This is the volume control for each channel. It sends signal to the master mix buss. Typical operation is between 4 and 8, depending upon the device (s) on that channel. Please remember that it acts like a pre-amp, so if you are using a device that has a volume output control (i.e.: a tape or CD player) you will need to do some level matching by adjusting the level controls on each unit.

### 4. EQ CONTROLS TREBLE-BASS

This is to adjust the overall tone of the individual inputs. It is set at 60 Hz/10k Hz. Since it is a cut or boost control (+/-15dB), it will add or diminish the presence of frequencies in the sound.

### 5. ECHO EFFECT CONTROL

Built with echo effect individual control volume-effect-treble-bass on each channel line output RCA jacks for connection to and extra external amplifier Record output RCA jack for a recording device.

### 6. MASTER VOLUME

This controls the overall volume level of the entire amplifier.

### 7. MASTER EFX

This controls the level, echo and time of internal reverberation added back to the mix.

## 8. TAPE VOLUME CONTROL

This controls the level of the playback inputs (RCA jacks in front of device).

## 9. RECORDING DEVICE (L/R)

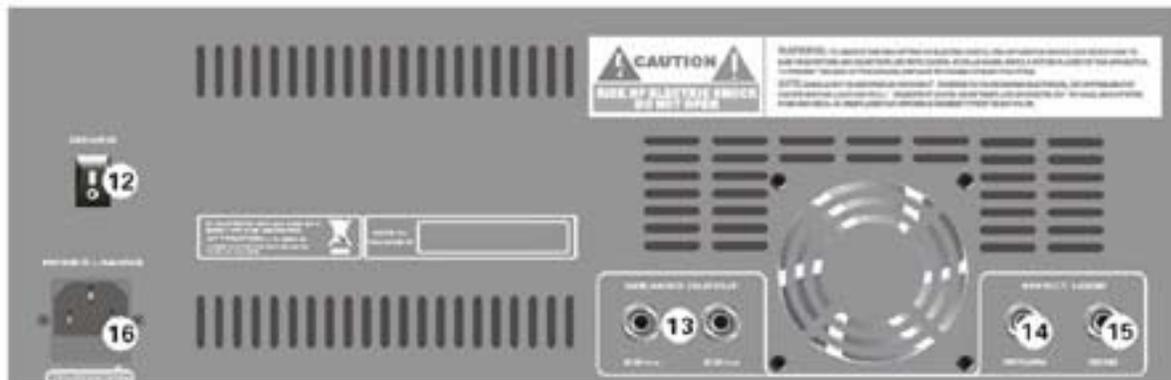
These RCA jacks are for hooking up a tape deck to record from the mixer. Both channels are summed into mono for compatibility. The signals are taken pre-master section, meaning that they are without reverb or master tone section and does not include the tape in signal. The impedance is 1k ohm @ -10dBv.

## 10. TAPE PLAY (L/R)

These RCA jacks are for inputting a deck, CD player or other line level source. The impedance is 10k ohms @ -10dBv.

## 11. MASTER EQ

This controls the overall amount of EQ frequencies (60 250 800 2k 8k Hz). This control allows +/- 12 dB of boost or cut.



## 12. POWER

This switches the unit on or off. When the unit is powered up, a red LED will light up.

## BACK PANEL

### 13. SPEAKER OUT

These are 2 conductor 1/4" speaker outputs. Each one is rated at 8 ohm minimum impedance. The total minimum load for this amplifier is 4 ohm. You may connect either 1-4 ohm, 1-8 ohm or 2-8 ohm speaker cabinets. Do not go below the rated minimum impedance.

### 14. SEND OUT

This is a 1/4" 2 conductor line output. The impedance is 1k ohm @ -10dBv. It is used to connect the additional power or as an additional recording device. This line level signal is a mirror image of the main outputs.

### 15. RETURN

These 1/4" jacks are used to bring in an effect, return an effect or other line level source. The impedance is 10k ohms @ -10dBv.

### 16. AC CABLE

This is a standard cable for use with standard voltages from AC wall outlets. It is grounded and should NEVER have the ground pin removed for any reason.

# SAFETY INSTRUCTIONS



**WARNING:** TO REDUCE THE RISK OF FIRE OR ELECTRIC SHOCK, THIS AMPLIFIER SHOULD NOT BE EXPOSED TO RAIN OR MOISTURE. TO PREVENT THE RISK OF FIRE HAZARD, REPLACE WITH THE SAME TYPE 250 VOLT FUSE. DO NOT REMOVE COVER (OR BACK), AS THERE IS NO USER-SERVICEABLE PARTS INSIDE.



# SPECIFICATIONS

MAXIMUM POWER.....150 WATTS  
●SEND.....-10 DBV 1 KOHM  
●REC.....-10 DBV 1 KOHM

INPUT IMPEDANCE:  
●LC-Z MIC..... 1 KOHM  
●HI-Z MIC..... 10 KOHM  
●TAPE PLAYBACK.....10 KOHM  
●RETURN.....10 KOHM

INPUT CHANNEL EQUALIZATION.....+/- 15 DB@5 KHZ

CHANNEL EQUALIZATION:  
●HIGH.....+/- 15 DB @ 60 HZ  
●LOW.....+/- 15 DB @ 60 HZ

MASTER 5-BAND GRAPHIC EQUALIZER:  
●FREQUENCY.....HZ  
●CONTROL RANGE.....+ 12 DB  
●60 250 800 2K 8K

PROTECTION CIRCUIT.....POWER ON MUTE(2 SECONDS)

POWER REQUIREMENT AND CONSUMPTION(MAX).....350WATTS

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