

 **PYLE<sup>®</sup>**  
**PRO**

**PMX804**



**8 Channel**  
**400 Watt**  
**Professional PA Amplifier/Mixer**

### Ultra low noise 6,8 channel Mic / Line Mixer

- ▲6,8,Mono Input Channels with gold plated XL Rs and balanced line inputs
- ▲Ultra–low noise discrete Mic Preamps with +48V phantom Power
- ▲2 Stereo input Channels with balanced TRS Jacks
- ▲Extremely high headroom–offering more dynamic range
- ▲Balanced Inputs for highest signal integrity
- ▲Ultre–musical 2–band EQ on all channels
- ▲Peak LEDs all Mono and Stereo Channels
- ▲1/2 Aux Sends per channel for external effects and monitoring
- ▲Delay of the effect system inside
- ▲2–Track inputs assignable to Master Mix
- ▲Highly accurate 5 segment Bargraph Meters
- ▲7 band Mono or Stereo EQ on all Master output
- ▲Separate master mix output



### SAFETY INSTRUCTIONS

**CAUTION:** To reduce the risk of electrical shock, do not remove the cover (or back). No user serviceable parts inside; refer servicing to qualified personnel.

**WARNING:** To reduce the risk of fire or electrical shock, do not expose this appliance to rain or moisture.



This symbol, wherever it appears, alerts you to the presence of uninsulated dangerous voltage inside the enclosure – voltage that may be sufficient to constitute a risk of shock.



This symbol, wherever it appears, alerts you to important operating and maintenance instructions in the accompanying literature. Read the manual.

### 1. BALANCE INPUT (MIC)

Electronically Balanced inputs accept a standard XLR male connector. +48V Phantom Power available on each input Mic socket. and this switch is on Rear Phantom Power.

### 2. LINE INPUT

The unbalanced Mic input is provided for the use of an unbalanced mic and is designed to accept an unbalanced high impedance input signal. (This use for connection Deck, Turntable, Keyboard etc..)

### 3. TRIM

This has a function which adjusts the input sensitivity of each channel in Order to input the constant level of the signal.

### 4. LOW EQ

This control gives you up to 15 dB boost or cut at 80Hz and below. This circuit is flat (no boost or cut ) at the center detent position. This frequency represents the punch in bass drums, bass guitar, fat synth patches, and some really serious male singers.

### 5. HI EQ

This control gives you up to 15 dB of boost or cut at 12KHz and above, and it is also flat at the detent. Use it to add sizzle to cymbals, and an overall sense of transparency or dege to key-boards, vocals, guitar, and bacon frying. Turn it down a little to reduce sibilance, or to hide tape hiss~

### 6. AUX/EFF

This is normally derived after the EQ and channel fader (POST FADER, POST EQ), and is therefore follow any changes in fader level. They are normally used to drive effects processing units which are fed back into the mixer and which must fade out with the input channel.

### 7. PAN

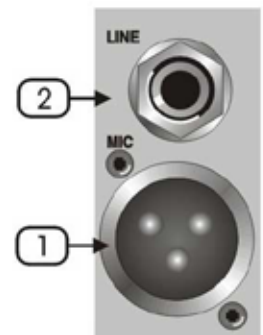
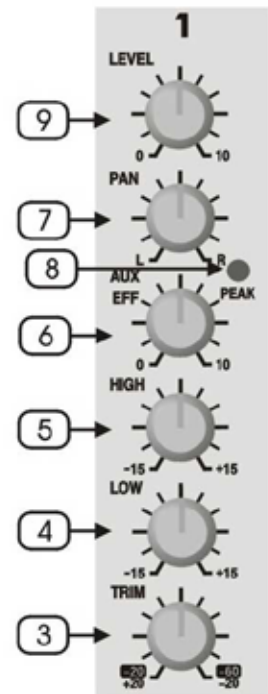
The pan control sends continuously variable amounts of the post fader signal to either the left or right main busses. In the center position equal amounts of signal are sent to the left and right busses.

### 8. PEAK

A red LED indicates a signal level at the insert return point, premaster fader, It illuminates at approximately 5dB below clipping.

### 9. CHANNEL FADER

This is function to adjust the volume of signal connection into each channel and adjust the volume of output, together with master fader. Normal operating position is at the "0" mark, providing 4dB of gain above that point, if required.



### 10. DELAY

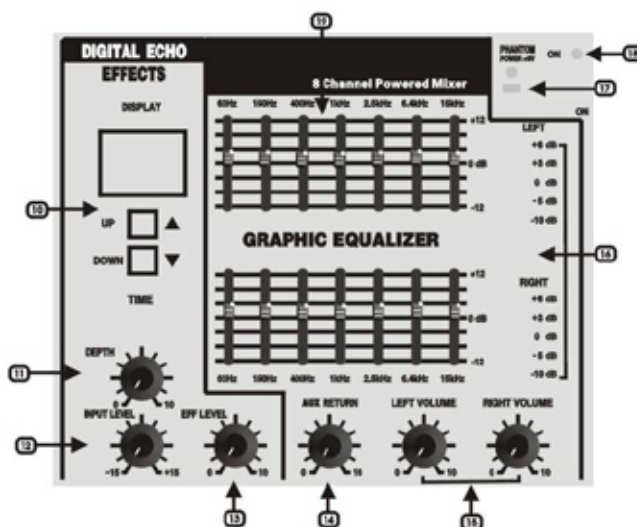
This used for adjusting  
The time interval of echo  
repeat. the middle position  
(C) may be most effective

### 11. EFFECT RETURN

This is used for adjusting  
frequency of echo repeat,  
since too echo repeat may  
cause a howl, please adjust  
frequency properly

### 12. EFFECT SEND

This is used for adjusting  
volume of echo sound,  
when sending echo sound  
to send jack in effect panel.



### 13. EFFECT LEVEL

Using by this control, you can adjust signal level of echo repeat & external effect.

### 14. AUX RETURN

Controls the level of return input signal.

### 15. OUTPUT MASTER FADER (LEFT/RIGHT)

This is a master fader for adjustment for volume of left/right output. Unity gain is the top their travel.

### 16. OUTPUTS LEVEL INDICATOR

This is level meter which shows output levels of left & right channel condition on the way of operation, therefore, you can see output condition thru this master level indication.

### 17. PHANTOM LED

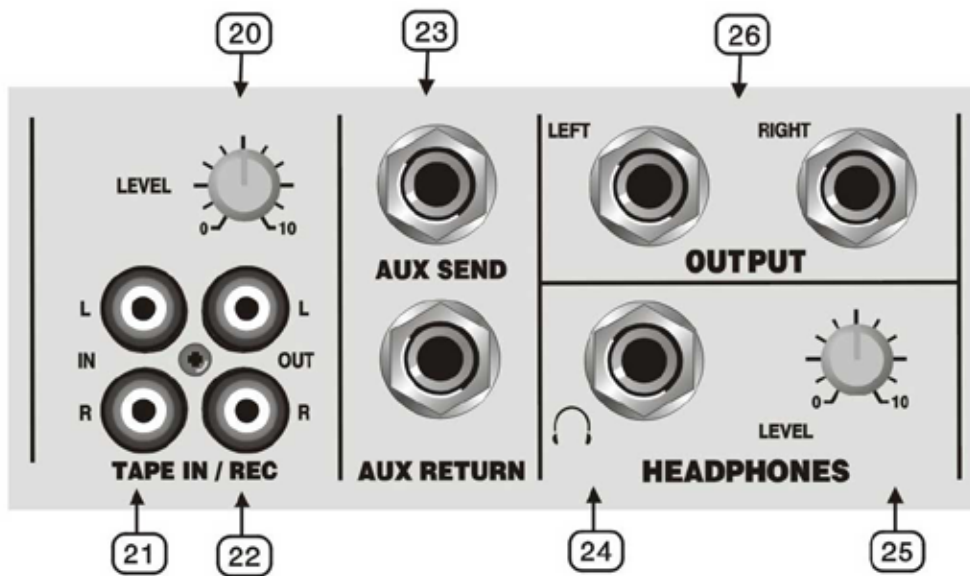
The LED +48V will be turned on when strt working.

### 18. POWER LED

The POWER LED will be turned on when strt working.

### 19. STEREO GRAPIC EQUALIZER

2 × 7-band equalizer is provided for tone control over each frequency, and for precise high quality sound by final tone control.



#### 20. TAPE IN

This adjusts the amount of signal that is sent from the TAPE IN jack to the MAIN bus.

#### 21. TAPE INPUT JACK

This jack is to be connected with cassette deck when playing back.

#### 22. RECORD PIN JACK

This jack is to be connected with cassette deck when recording the mixed output.

#### 23. STEREO AUX RETURNS & SENDS

This can be used to connect all kinds of effects from outside.

#### 24. PHONE JACK

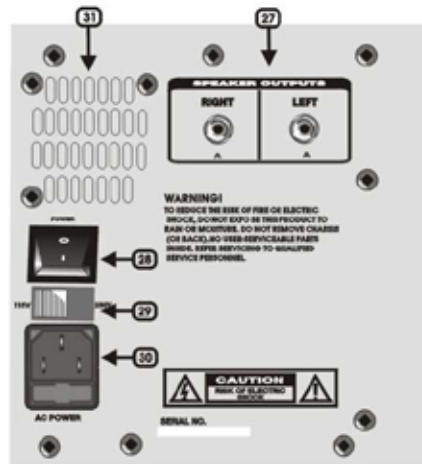
This is used for monitoring the master signal and individually monitoring each channel with L/R.

#### 25. HEADPHONE LEVEL

This is a single volume control send the level to the headphone and main monitors.

#### 26. STEREO OUTPUT JACK

In this product, the final confirmed sound can be send to main amplifier through jack.



**27. SPEAKER JACK (LEFT / RIGHT)**

This is a amplifier output jack.  
110W+110W 8Ω 150W+150W 4Ω

**28.POWER SWITCH H**

Push marked (1),when you want to operate. The LED (31) Well be turned on when working.

**29.POWER INPUT SEIECT**

This is power input 115V or 230V AC,

**30.AC POWER CORD/FUSE HOLDERS**

AC 220~240V 50~60Hz  
Check the power source of ac 220V before connections, When occur a provlem on this appliance, the fuse will be cut off power to prevent form aproblem.

**31.FAN**

In order tp prevent rising the inside temperature, the inside heat is emitted outside.

**F.INSTALLATION**

Experience tells us that the cables in a studio environment get tangled very quickly(inviting mistakes).



## Specifications

### Mono Inputs

Mic Input	electronically balanced, discrete input configuration
Bandwidth	10Hz to 60 KHz_+ 3 dB
Distortion (THD & N)	0.01% at +4 dBu, 1 kHz, Bandwidth 80 kHz
Mic E. I. N (22Hz–22KHz)	-129.5 dBu, 150 Ohm source -117.3 dBqp, 150 Ohm source -132.0 dBu, input shorted -122.0 dBqp, input shorted +10dB to +60dB

### TRIM range

Line Input	electronically balanced
Bandwidth	10 Hz to 60 kHz +3 dB
Distortion(THD&N)	0.01% at +4 dBu, 1 KHz, Bandwith 80 kHz
Line level range	+10 dBu to 40 dBu

Equalization	
Hi Shelving	12 KHz +/-15 dB
Lo Shelving	80 Hz +/-15 dB

### Stereo inputs

Line Input	unbalanced
Bandwidth	10 Hz to 55 kHz + 3 dB
Distortion(THD & N)	0.01% at +4 dBu, 1 kHz, bandwidth 80 kHz

Equalization	
Hi Shelving	12 kHz +/-15dB
Mid bell	100Hz 8KHZ +/- 15dB, Q fixed at 1 oct
Lo Shelving	80 Hz +/- 15dB, Q fixed 2 oct

### Master Mix section

Max Output	+22 dBu balanced
Acx Send Max Out	+22 dBu unbalanced
Signal– To–Noise Ratio	112dB, all channels at Unity Gain

### Power supply

Mains Voltages	USA/Canada	120V 60Hz
	U.K./Australia	240V 50Hz
	China	220V 50Hz

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