

PD ***Power Dynamics*** ***Professional Audio***

171.156

171.158



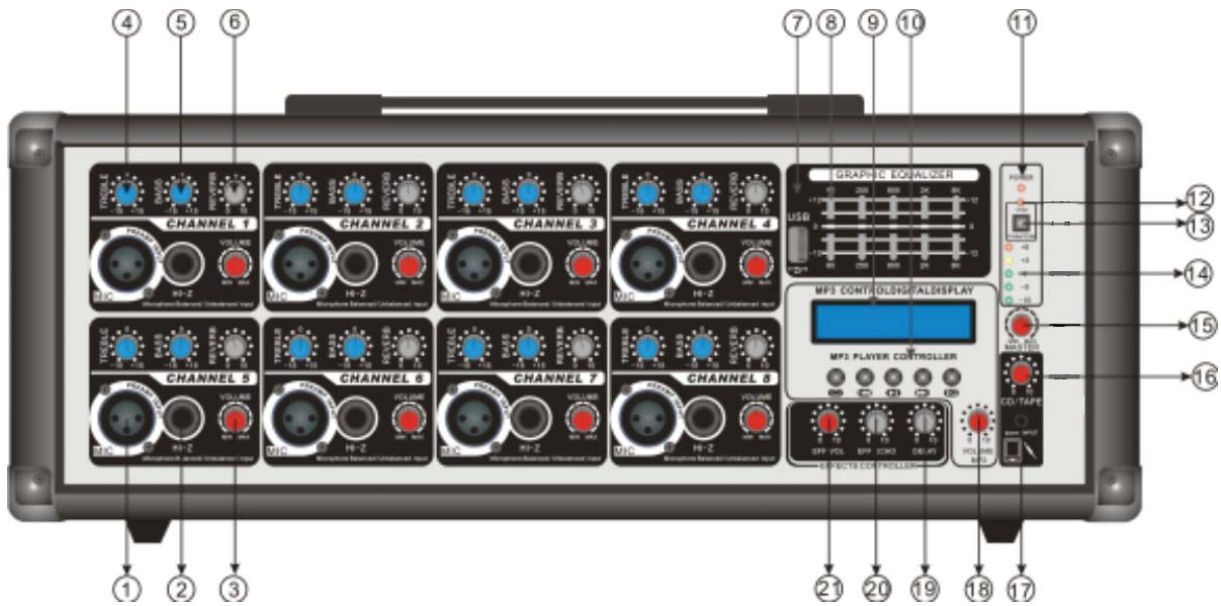
PDA-C804A

4 Channel

PDA-C808A

8 Channel

A. FRONT PANEL SECTION FEATURES



1. BALANCED Mic INPUT

Electronic Balanced inputs acceptable a standard XLR male connector. It is designed to accept a balanced low impedance input signal, 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= shield; Pin3= negative (cold).

2. BALANCE INPUT(LINE)

Electronic Balanced inputs accepts a standard 1/4" jacks connector. It is designed to accept a balanced high impedance input signal.

3. VOLUME

This is function to adjust the volume of a signal connection into each channel and adjust the volume of output, together with the master fader.

4. TREBLE

This control gives you up to 15 db of boost or cut at 10 kHz and above, and it is also flat at the detent. Use it to add sizzle to cymbals, and an overall sense of transparency or edge to key-boards, vocals, guitar, and bacon frying. Turn it down a little to reduce sibilance, or to hide tape hiss.

5. LOW

This control gives you up to 15 dB boost or cut at 100Hz 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.

6. EFF

This is a send control to the reverb bus. It controls the amount of reverberation added to the input signals.

7. USB PORT

Connect USB disk with MP3 files.

8 . GRAPHIC EQUALIZER

5-band equalizer is provided for sound control over each frequency, and for precise high quality sound by final tone control (60,250,1K,2K,8KHz shelving at +/-12dB).

9 . LCD DISPLAY(There are three states show)

- a. LCD display screen information shows trademarks of the products, USB version, and initial system info.
- b. The second message is to remind the screen insert USB, or disk is not MP3 format.
- c. The third message is the total number of songs in the USB disk, songs of the total play time ,play time at present, play/pause/ stop sign, symbol cycle, File Format(M refers to the MP3 file format, W refers to the WMA file format), as well as the EQ.

10 . TOUCH BUTTON

Five touch keys, which are single cycle / circle of the total, up, play /pause / stop, down, EQ option. All of the touch button of this machine are conventional key and compound key.

- a. Symbol cycle (A total of 6 cycle model).

They are All cycle, random play, song cycle , End the end of the single player , cycle by a player and players here.

- b. Down.

This is a complex bond, In the state of play, press the button, Will play on a song; In the state to suspend or stop, press the button, the current song will be re-broadcast; Press the button for a long time, can adjust the LCD backlight brightness.

- c. Play /Pause/ Stop.

This is a conventional bond, the press is a player, next it is time to pause, then it is stop, while the corresponding LCD display signs. Press for a long time to null and void.

- d. Up.

While audio is playing, if you press the button, the next song will play; Press the button for a long time to adjust the LCD backlight brightness.

- e. EQ.

Press to cycle through the 11 EQ settings: Natural, Rock, Pop, Class, Jazz, Blue, Hall, Bass, Soft, Country, and Opera.

11 . POWER LED

It lights when the power switch turns on.

12 . PHANTOM LED

The LED +15V will be turned on when start working.

13 . PHANTOM POWER SWITCH

When you press the switch the XLR input will have 15V.

14 . OUTPUT LEVEL INDICATOR

This is a level meter which shows output levels.

15 . MASTER VOLUME

Use this control, you can adjust signal level of main channel.

16 . TAPE

This controls the level of the playback inputs(RCA) jack.

17. iPhone INPUT

Portable device input interface, such as iPhone.

18 . MP3

Use this control to adjust MP3 signal level sent to main channel.

19 . EFF ECTS DELAY

Use this control to adjust the delay time interval of echo repeat.

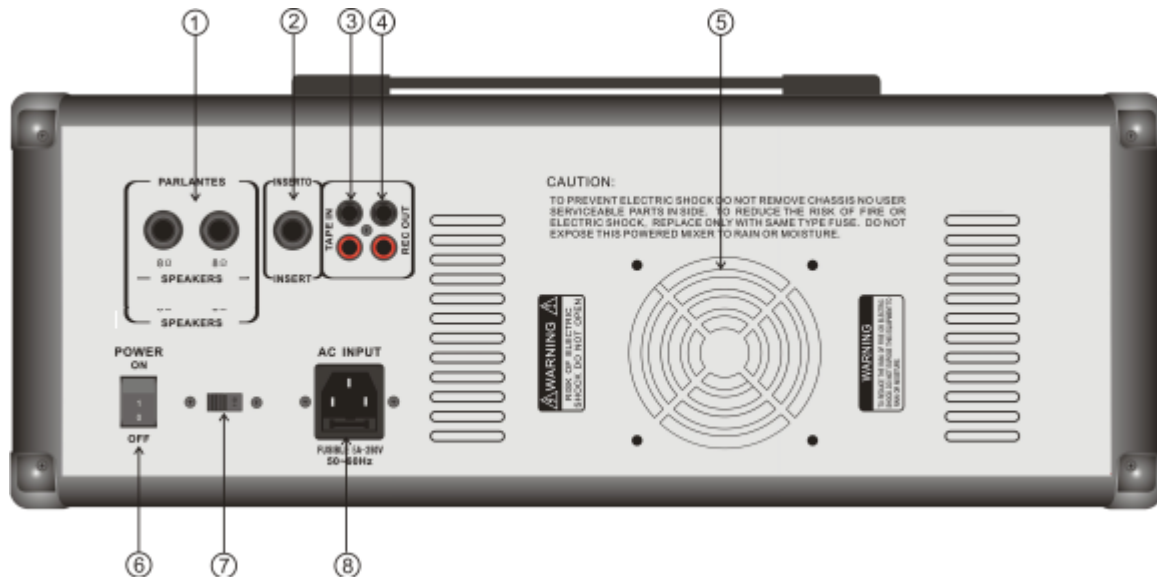
20 . EFF ECTS REPEAT

Use this control to adjust reverberating deepness.

21 . EFF ECTS LEVEL

Use this control to adjust signal levels of echo output.

B.BACK PANEL SECTION FEATURES



1. SPEAKER JACK

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

2. SEND/RETURN

Use a stereo 1/4" plug to send and return a preamp signal to a sound processor

3-4.TAPE IN AND REC OUT

The TAPE IN allows cassette recorders or CD players to be added to the Main output. The RECORD OUTPUT, with TAPE RCA jacks, provides signal output to a cassettedeck or Home audio equipment. The impedance is 1K ohms @ -10dBv.

5. FAN

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

6. POWER SWITCH

Turns the unit ON or OFF. Always turn level controls down before turning on the unit.

7. CHANGE-OVER SWITCH

This device can use both 110 and 220 V systems.

8. AC POWER CORD/FUSE HOLDERS

For selecting the proper voltage (115/230AC) to match the power supply in your area. Note: To avoid damage to your unit, always make sure this switch is set to the correct supply voltage. Damage caused by improper use is not covered by the warranty

C . CONNECTIONS

You will need a lot of cables for different purposes – see the following figures to make sure you have got the right cables. Unbalanced equipment may be connected to a balanced inputs/outputs. Either use mono 1/4 " plugs or connect ring and sleeve of TRS plugs.

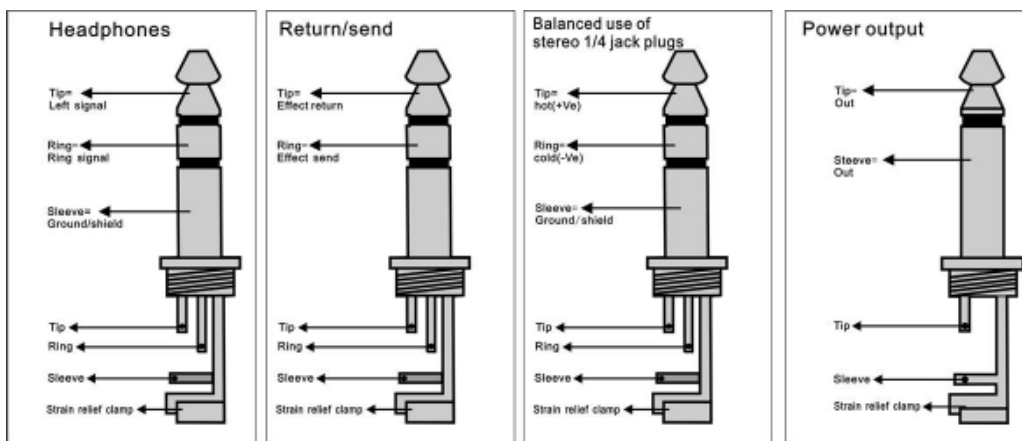
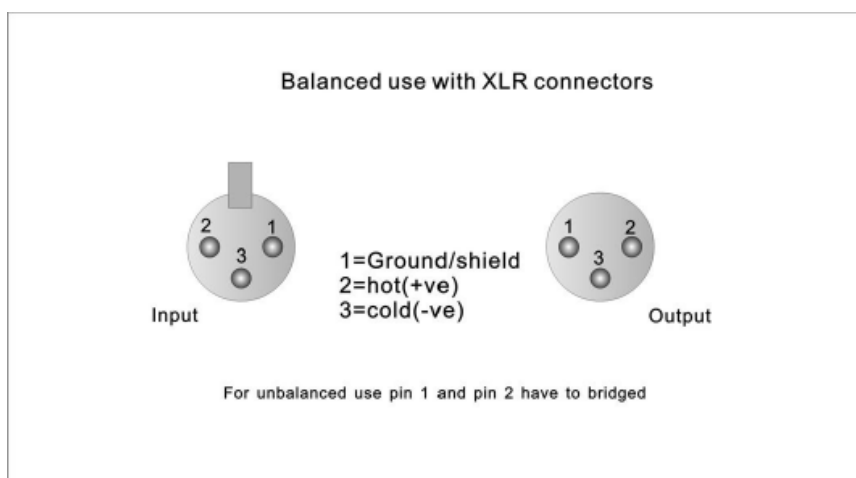


Fig. 1: Head phone connection

Fig. 2: Return/send connection

Fig. 3: Balanced plug types

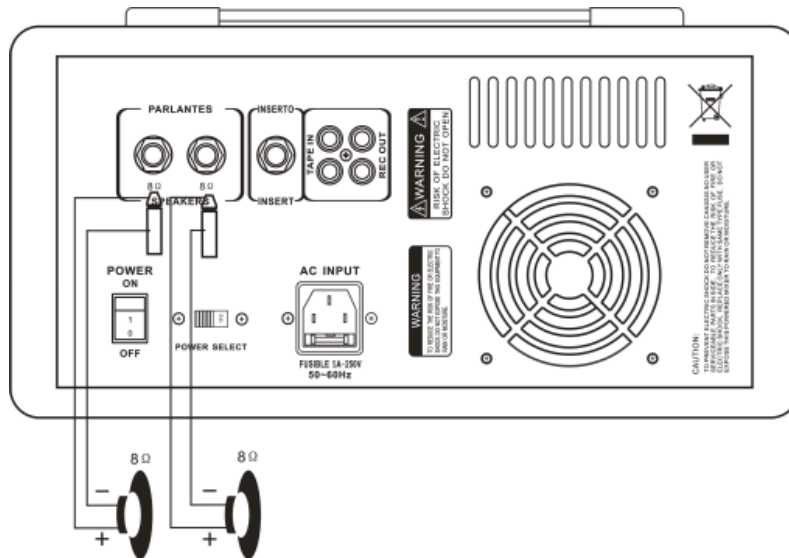
Fig. 4: Power output connection



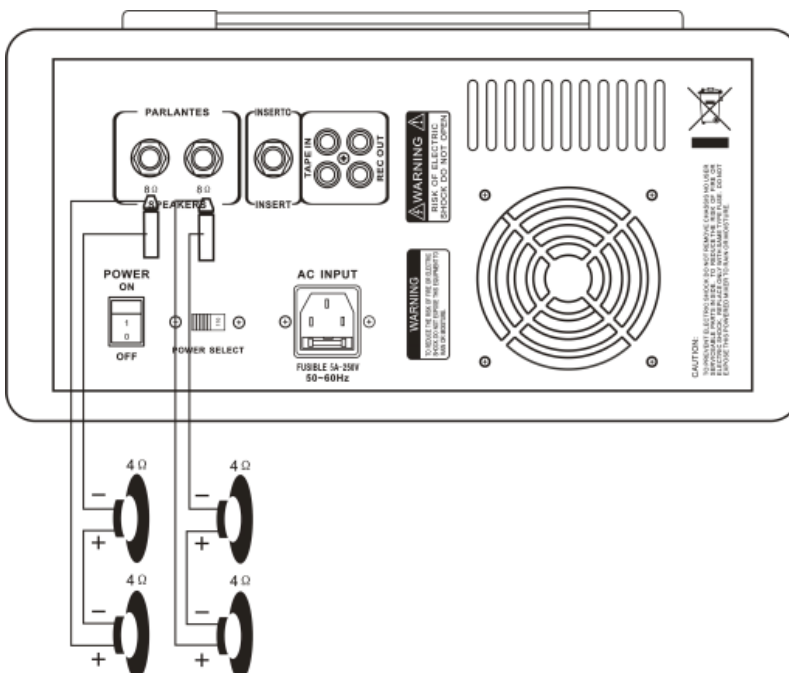
Speaker connections

One or more speakers (2, 4, or 8-Ohm) speakers can be connected to the amplifier with or without transformers. However, before you connect any speaker to the amplifier, the total speaker impedance must be calculated in order to avoid damage to the amplifier. A total speaker impedance greater than 16 Ohms or less than 4 Ohms can damage your equipment. To begin with, in order to ensure equal volume from each speaker, all connected speakers should have the same impedance.

System 1: Single speaker system



System 2: Two(or more) speakers in series



SPECIFICATION

Specification	PDM-C804A	PDM-C808A
Ref. No.	171.156	171.158
4 Ohm Stereo Power (RMS)	2 x 200 Watts	
8 Ohm Stereo Power (RMS)	2 x 150 Watts	
Channel	4 Channel	8 Channel
Bandwidth:	20Hz to 20kHz±1dB	
Input Impedance:		
Lo-Z Mic:	1K Ohms	
Hi-Z:	33K Ohms	
Mic/Line/Tape/Playback:	10K Ohms	
Input level:		
Lo-Z Mic:	-50 Db	
Hi-Z:	-20 Db	
Mic/Line/Tape/Playback:	-10 Db	
Dimension	400 x 288 x 200mm	515 x 288 x 200mm



CE Declaration of Conformity

Importer: TRONIOS BV
Bedrijvenpark Twente 415
7602 KM - ALMELO

Tel : 0031546589299
Fax : 0031546589298
The Netherlands

Product number: 171.156 / 171.158

Product Description: **PowerDynamics PDM-C804A Powered Mixer**
PowerDynamics PDM-C808A Powered Mixer

Regulatory Requirement: EN 60065
EN 55013
EN 55020
EN 61000-3-2/-3-3

The product met the requirements stated in the above mentioned Declaration(s).

ALMELO,
17-02-2011
Signature: