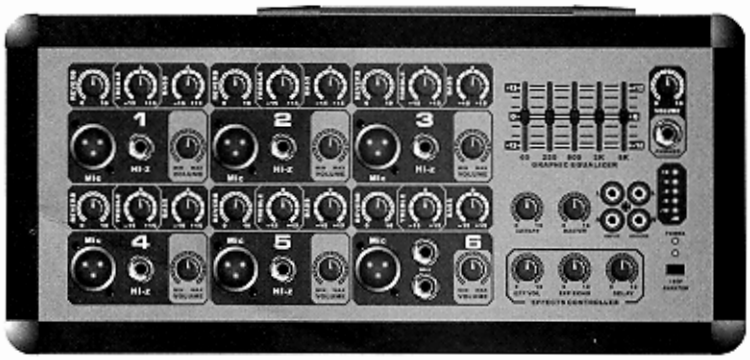
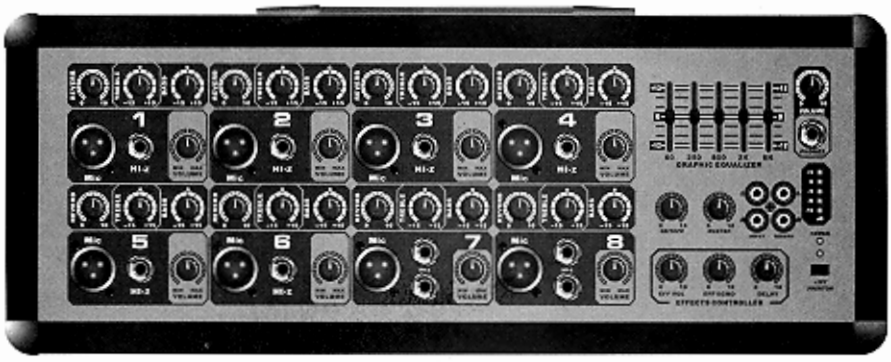
Owner's Manual





PROFESSIONAL MIXER

■6/8 Channel balanced microphone and line inputs.

■Treble, bass, reverb level control on each channel.

■Return, CD (TAPE) input.

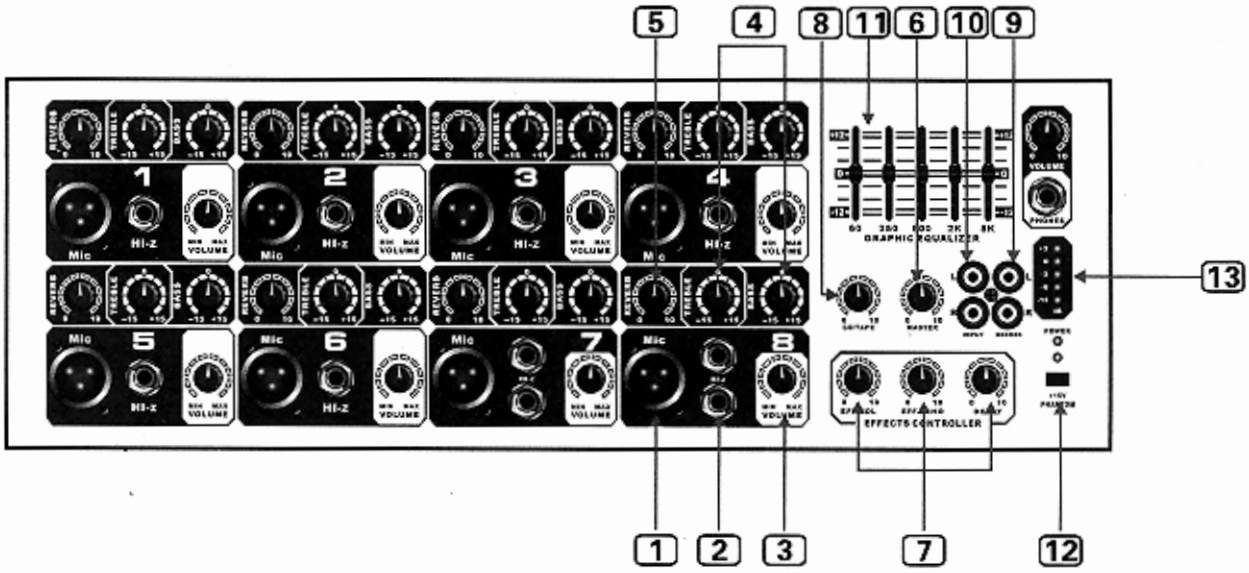
■Send, earphones, REC output.

■5 band graphic Equalizer.

■5 band LED Level display.

■Phantom Power + 15v.

FRONT PANEL



INPUT SECTION FEATURES:

1)3 Pin Low impedance Microphone input– 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 IK ohm . The connector is wied as : Pin 1=shieid : Pin 3=negative (cold)

2)1/4 Line/High Impedance input this may be used as either a high impedance microphone input or a line level device such as : tape players, CD Player.returns or radios.It will also allow connection from an electric guitar, bass ,or keyboard It is a 2–conductor input with an impedance of 10k ohms. Both the high and low impedance impedance input may be used simultaneously.

3)Volume Control this is the volume control for each channel .It sends the signal to the master mix buss . Typical operation is between 4 and 8 , dependent 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 Control This is to adjust the overall tone of the individual inputs . It is set at 60Hz/10k Hz. Since it is a cut or boost control ,(+/–15dB) it will add or diminish presence freshens in the sound.

5)EFFX Control This is a send control to the reverb buss . It controls the amount of reverberation added to the input signals.

6)Master Volume This controls the overall volume level of the entire amplifier. Typical operation is betwe em 4 and8.

7)Master EFFX This controls the leve,l echo and time of internal reverberation added back to the mix.

8)Tape Volume This controls the level ,of the playback inputs (RCA jacks on rear panel).

9)Tape Record (L/R) These RCA jacks are for hooking up a tape desk 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 the master tone section and does not include the tape in signal , the impedance is 1k ohm @ - 10dNv

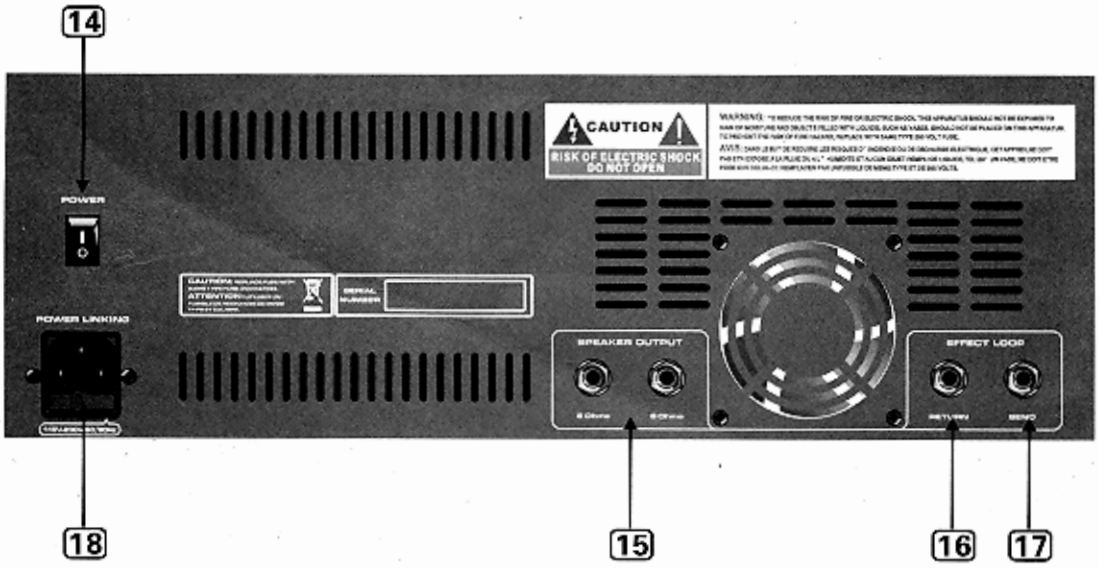
10)Tape play (L/R) These RCA jacks are for brining in a deck , CD play or other line level source . The impedance is 10k ohms @ -10dBv.

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

12)Phantom Power + 15V.

13)5 Band LED Level Display.

BACK PANEL



14)Power This switches the unit on or off .When the unit is powered up ,a blue will come on also.

15) Speaker Out These are 2 conductor 1/4 speaker outputs .Each one is rated at 8 onm minimum impedance .Total minimum load for amplifier is 4 ohms . You may commect either 1-4 ohm , 1-8 ohm or 2-8 ohm speaker cabinets. Do not go below rated minimum impedance.

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

17)RETURN These 1/4 jacks are for brining in a effects return , return effect or other line level source . The im•edance is 10k ohms @-10dBv.

18)AC Cable this is a standard cable for use with standard voltages from A.C. Wall outlets . It is grounded and should NFVFR have the ground pin romovod for ony reason.

CAUTION

RISK OF ELECTRONIC SHOCK
DO NOT OPEN

WARNLNG : To REDUCE THE RLSK OF FIRE OR ELECTRIC SHOCK . DO NOT EXOSE THIS EQUIPMNT TO RAIN OR MOISTURE . TO PREVENT THE RISK OF FIRE HAZARD , TEPLACE WITH THE SAME TYPE 250 VOLT FUSE . DO NOT REMOVE COVER (OR BACK). NO USER-SERVICEABLE PARTS INSIDE .AEFER

AVIS: RISQUE DE CHOC ELECTRIQUE-NE PAS OUVRIR. REMPLACER PAR UNFUSIBLE DE MEME TYPE ET DE 250 VOLTS.

SPECILICATOR

SEND	−10dBv	1KOhmS	
REC	−10dBv	1Kohms	
Input Impedance:	Lo−Z Mic		1Kohms
	Hi−Z Mic		10KOhms
	Tape Playback		10KOhms
	RETURN		10Kohms

Input Channel Equalization: +/− dB@5 kHz
Channel Equalization High: +/−15 dB@60Hz
Low: +/− 15 Db @ 60Hz

Master 5−band graphic equalizer
Frequency :Hz control range : ± 12 dB
60 250 800 2K 8K

protection Circuit: Power on Mute 2 seconds