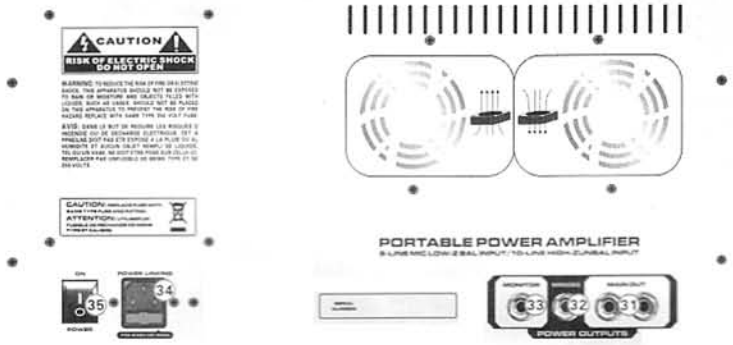

(31)SPEAKER OUTPUTS
These are four two-conductor 1/4"speaker outputs. Each one is rated at 4 ohms minimum impedance. Total minimum load for each amplifier channel is 4 ohms, except Bridged which is 8 ohms. You may connect either one 4-ohm (ecept Bridged), one 8-hm or two 8-ohm speakers per output jack. Do not operate below rated minimum imedance.For maximum power transfer , be sure to use speaker cables and not instrument cables to connenct to the speakers.We recommend the use of 18-gauge or larger speaker wire.

(32)BRIDGED OUTPUT
Two conductor 1/4"speaker output rated at 8 ohms impedance . Do not operate below minimum rated impedance.

(33)MONITOR OUTPUT
Two conductor 1/4" speaker output rated at 4 ohms impedance. Also , this serves as one of the main speaker outputs when in MAN / MAIN mode.DO not operate below minimum rated impedance.

(34)POWER CONNECTOR
This is a standard IEC cable connector for use with standard voltages from AC wall outlets.Its safety ground pin is connected to the chassis and should should never be removed (or defeated in the line cord) for any reason . The IEC connector contains an internal fuse holder. The fuse rating is 5 amperes.

(35)POWER SWITCH
This switches the unit on or off.

SPECIFICATIONS

AUX SEND Output:
-10 dBv nominal,1k ohms
Tape REC Output:
-10 dBv nominal,1k ohms
Input Impedance:
Low- Z Mic: 1k ohms
High- Z Line: 10 k ohms
Input Channel Equalization:
Bass Control: 100 Hz
Mid Control: 2,500 Hz (or 2.5 khz)
Treble Control: 8.000 Hz (or 8kHz)

MasterGraphicEqualization:

63 Hz: +/- 12dB
160 Hz: +/-12dB
400 Hz: +/-12dB
2.5 kHz: +/- 12DB
16 kHz: +/- 12DB

ProtectionCircuit:
poweron Mutedelaytime:2 seconds

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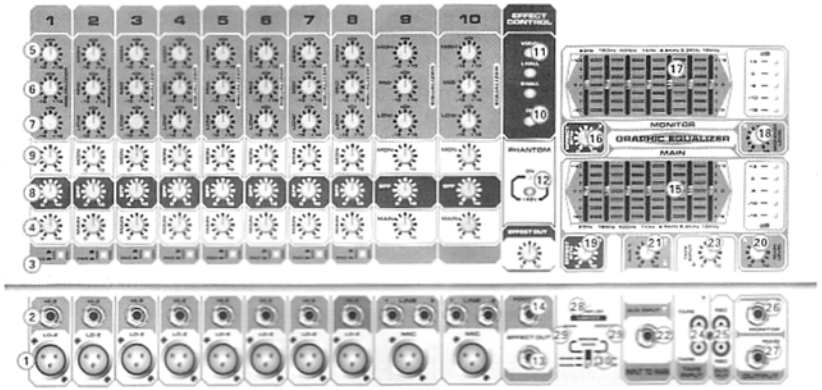
Owners Manual

Features

- 6,8,10,12Channel Balanced Microphone and line inputs.
- Tape / CD. Aux inputs.
- High. Mid. Low. Reverb Level control on each channel.
- Phantom power +48V.
- Footswitch Jack.
- 2x7 Band Graphic Equalizer.
- 2x5 Band LED Display.
- REC output.



Front panel

(1)3-PIN LOW-IMPEDANCE MICROPHONE INPUT
This input is for typical balanced,low-impedance microphones.It will automatically provide Phantom power (48v) for condenser mics or active direct boxes.This has an input impedance Of 1k ohms.The connector is wired as:pin 1=shield:pin 2=positive (hot): pin 3=negative (cold).

(2)1/4"LIne/HIGH-Lmpedance Input
This input may be used as either a high-impedance microphone input or for line-level devices such as a cassette player,CD player, video projector or laptop.this will also allow connection from an electric guitar,bass or keyboard.It is a two-conductor input input with an impedance of lok ohms.

(3)PAD
Decreases input sensitivity 20 dB to compensate for high-amplitude input sources.

(4)MAIN CONTROL
The main control for each channel sends the signal to the master mix bus .Typical operation is between 4 and 8(dependent upon the input devices) but should be lower than the master level. please remember that this acts like a preamp,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 main contrils on each unit.

(5)HIGH TONE CONTROL
This is used to adjust the overall tone of the individual inputs.Since it is a cut or boost control (+/-15 dB),it will add or diminish presence frequencies in the sound beginning at 2.5 Khz.

(6)MID TONE CONTROL
This is used to adjust the overall tone of the inputs.Since it is a cut or boost control(+/-15 db),it will add or diminish presense frequencies in the sound beginimng at 25 khz.

(7)LOW TONE CONTROL
This is used to asjust the overall tone of the individual inputs. Since it is a cut or boost control(+/-15dB), it will add or diminish bass frequencies in the sound beginning at 100 HZ.

(8)EFFECTS CONTROL
This is used as a send control to the effects bus. It controls the amount of renerberation added to the input signals.

(9)MONITOR LEVEL
This controls the overall volume level of the entire amplifier.Typical operation is between 4 and 8.

(10)EFFECTS SWITCH
This switch allows you to turn the bailt-in difital effect on/off.

(11)DLGITAL EFFECTS
This controls the character of the Reverb that is added back to the master mix. This is analogous with chinging the rate at rate at which the echo decays.

(12)PHANTOM POWER SWITCH
This switch allows 48 volt phantom power for support of electret microphones.

(13)EFFECTS OUT JACK
Level of effects controlled by Effects Switch (12).

(14)FOOTSWITCH JACK
This jack provides the connection of the optional remote footswitch. Footswitch is used to enable /disable reverb effects.

(15)MAIN EQ
This is the 7-band EQ with level meter.

(16)EFFECTS RETURN/MONITOR
This controls the level of effects applied to the monitors.

(17)MONITOR
This is the 7-band EQ with level meter.

(18)MONITOR
This controls the monitor output level

(19)EFFECTS RETURN/MaIN
This controls the level of effects applied to the mains.

(20)MAIN LEVEL
This controls the main output level.

(21)AUX 1
This is the AUX input to the main mix using the AUX Input jack(24).

(22)AUX INPUT JACK
This is the AUX input to main mix with levels controlled by AUX1 (23).

(23)TAPE INPUT
This controls the level of the playback inputs (RCA jacks).

(24)TAPE IN (L/R)
These RCA jacks are for connecting a cassette deck, CD player or other line-level source.

(25)TAPE OUT (L/R)
These RCA output jacks are primarily intended for connecting a tape deck, MP3 player, or other device for the purpose of recording 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 do not include the Tape-In signal.If you wish to recrd with the reverb and Tape In signals, use the 1/4" line output (2)with the proper cable.

(26)MONITOR OUTPUT JACK
1/4"line-level output of monitor mix ,controlled by Monitor EQ (17).

(27)MaIN OUTPUT JACK
1/4"Line-level output of main mix, controlled by Mains EQ(20).

(28)POWER LED
Illuminates when power is supplied to the unit.

(29)LIMITER INDICATORS
Red LED illuminates when unit approaches peak limit.

(30)AMPLIFIER FUNCTION SWITCH
3-Way switch:
Top position: BRIDGE/MAIN:sends the main mix to mains via Bridged Output (2) on rear panel
Mid position: MAIN/MAIN: snds the main mix to mains only via Speaker Outputs (1) and (3) on rear panel
LOW Position:MAIN/MONITOR:sends the main mix to mains via Speaker Output (1) on rear panel and the monitor mix to monitors via Monitor Output (3) on rear panel

NOTE: In the BRIDGE / MAIN mode the monitors are disabled.