

Owner's Operating Manual

MX-600A

6 Channel Rack MIC/Line Mixer

FEATURES

- 6-channel Mic/line mixer in a single rack space (1U)
- Unbalanced 1/4" line and balanced XLR Mic inputs for each channel
- Channels 4,5 and 6 Mic inputs with + 15V phantom power
- Master volume and bass, treble controls
- Unbalanced 1/4" and balanced XLR outputs with high/low output level select switch
- Internal shielded power supply

SPECIFICATIONS

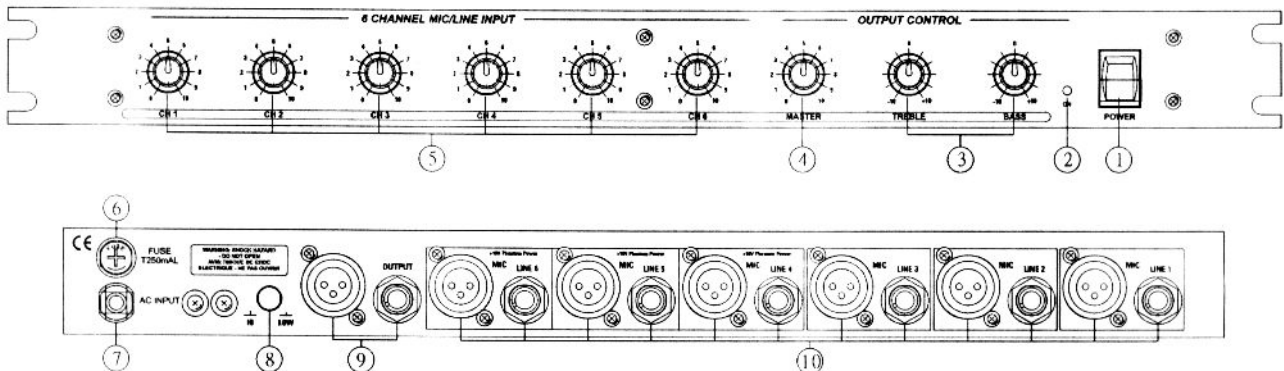
Frequency Response:	10Hz-20KHz +/-3dB
Total Harmonic Distortion (THD) +Noise:	0.1%
S/N Ratio:	>60dB
Tone Controls	
Bass:	+/-12dB / 100Hz
Treble:	+/-12dB / 10KHz
Inputs	
6 X MIC (level/impedance):	Balanced: 3mV
6 X LINE (level/impedance):	Unbalanced: 100mV
Outputs (All controls flat)	
High Output:	1.5V
Low Output:	0.5V
Impedance (1/4"):	600 ohms
(XLR):	600 ohms
LED indicator:	Power ON
Fuse Requirements, Type and Size:	T250mA, 5X20mm glass type
Dimensions:	482(W)X 44(H)X 196(D)mm
Weight:	2.6Kg



CAUTION:

The apparatus shall not be exposed to dripping or splashing and that no objects filled with liquids, such as vases, shall be placed on the apparatus.

CONTROLS & CONNECTIONS



Front Panel

1. **POWER SWITCH:**
Turns the unit ON or OFF
2. **POWER ON LED INDICATOR:**
Indicates when the mixer is ON
3. **BASS & TREBLE TONE CONTROLS:**
Adjust the relative balance of bass and treble
4. **MASTER LEVEL CONTROL**
Adjusts the master level of the combined individual channel signals
5. **CHANNEL GAIN CONTROLS:**
Adjust the individual (1-6) channel gains

Rear Panel

6. **FUSE HOLDER**
When this fuse blows, replace it with the same type fuse, size and power rating (see SPECIFICATIONS). If it blows continuously, stop using the unit and have it serviced by qualified personnel.
7. **POWER CORD:**
This is used to connect the AC power source to your mixer.
8. **HIGH/LOW OUTPUT LEVEL SELECT SWITCH:**
Selects either high or low output so the level can be optimized for the connected audio equipment (amp, recording device, etc.)
9. **MIXER OUTPUTS:**
Balanced 1/4" (6.3mm) and balanced XLR outputs
Attention: Only one output (1/4" or XLR) can be used at one time. Do not connect to both at the same time, or the signal will be severely distorted.
10. **MIXER INPUTS:**
Unbalanced 1/4" (6.3mm) and balanced XLR inputs for channels 1 through 6.
Attention: Channels 4, 5 and 6 provide +15V phantom power for condenser Mics. These can be safely used with any balanced dynamic Mic also; however, do not connect any unbalanced dynamic microphones to the XLR balanced inputs as they may be damaged. Attention: Only one input per each channel (1/4" or XLR) can be used at one time. Do not connect to both at the same time or the signal will be severely distorted.