



ATI 8MX2

RACK MOUNT PREAMP/MIXER



8MX2 SPECIFICATIONS

ELECTRICAL

Frequency Response:
+0/-1 dB, 10Hz-50kHz

Gain Structure:

20dB headroom throughout
THD: 0.008%, 20Hz-20kHz, at +4dBm
Clipping Level- All Stages: +24dBm
Total Voltage Gain: 65dB at channel out

Hum and Noise: (20kHz Bandwidth)

-132 dBm E.I.N. (shorted input)
-129 dBm E.I.N. (150 ohm source)
-86 dBm residual output noise

Input Preamp/Trim Control:

Proprietary High Voltage Preamp
Adjustable Gain 0-65dB, single control
(no pad required)

41 position detented level control
Constant Input Impedance: 4K ohms
THD 0.008% at all levels and gains
CMR >80 dB, no trimming required
Peak level display, 30 dB range
Phantom Power +48 volts

Limiter:

RMS Level Detection
Threshold: +4dBm to +24dBm (out)
Gain Reduction Display: 20 dB range

GENERAL/PHYSICAL

Connectors:

Mic Inputs : XLR 3 pin (pin 2 High)
Mix Out, Monitor Out, and 2 Track Return:
1/4 in. (63mm) phone jacks
Multitrack Inputs and Outputs:
2 multipin female DB25 connectors

Multiple-unit connector
2 multipin female D
AC Input: Fused, Voltag
AC Line cord: IEC type,

Dimensions:

1U, 1 3/4 x 19 in. (4
11 in. depth behind fro

Weight: 7 Lbs. (3.2kg)

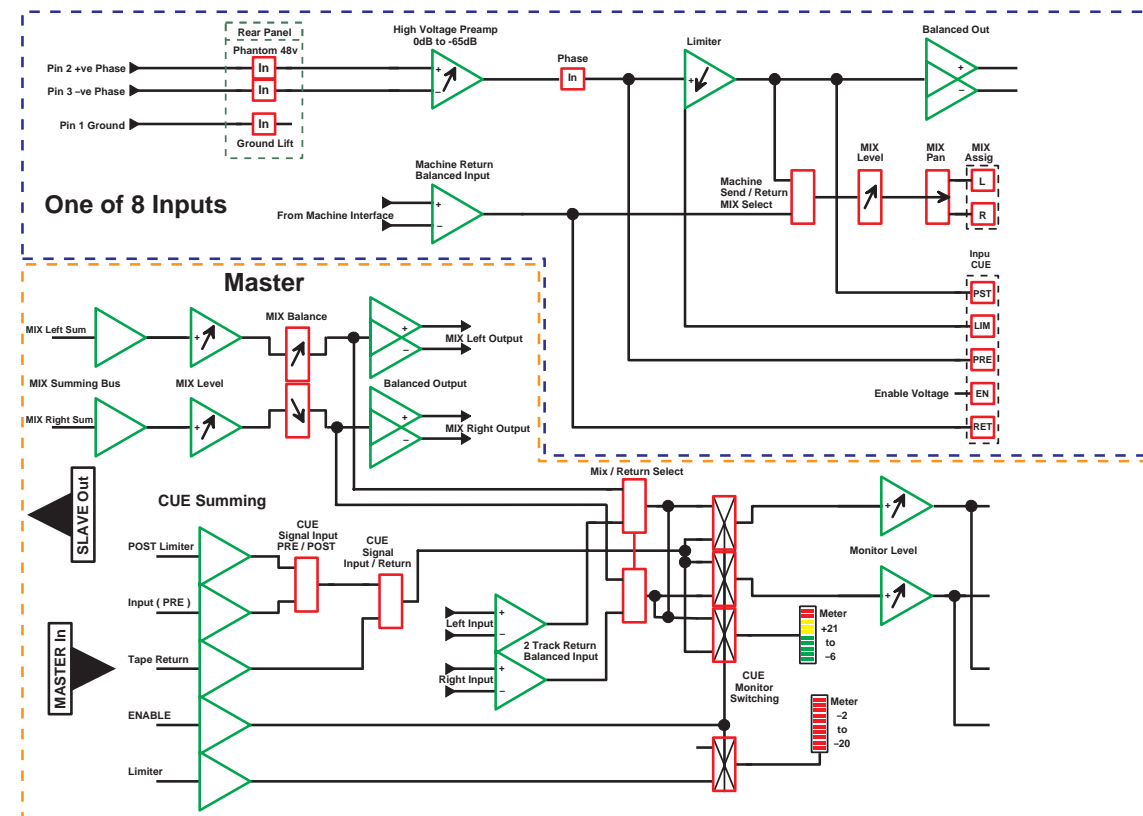
Electrical Requirements:

100-120/220-240 V
<60 watts

8MX2 ACCESSORIES

DESCRIPTION	FOR USE WITH	A
DB25 to 8XLR Male 5'	Sony PCM-800, Panasonic MDA-1	
DB25 to 8XLR Female 5'	Sony PCM-800, Panasonic MDA-1	
DB25 to 8TRS 5'	Roland DM-800	
DB25 to DB25 5'	Tascam D-88, Fostex CX-8, RD-8	
2xDB25 to Elco 5'	Alesis ADAT	
DB9 12" jumper for 8MX2 Master/Slave link		

Individual connectors, cables and additional cable configurations are available to meet your needs. Contact ATI with your requir



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Specifications, features and performance of this system may be changed, upgraded or improved without prior no

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8MX2 is the benchmark in rack-
le, portable Mixer/Preamplifier
gy. Protégé of the famous Paragon
xing consoles, the 1U rack space it
makes the 8MX2 perfect for home
r compact touring applications.

with today's digital recording
ments in mind, the 8MX2, coupled
gital storage device, forms a fully
integrated studio or location
order system. On its own, the
s the response and transparency
n the most critical mic preamplifier
ons.

t of the 8MX2 is a proprietary
ic preamplifier. The high voltage
ront end complements the most

art of the 8MX2 is a
etary design mic
plifier.

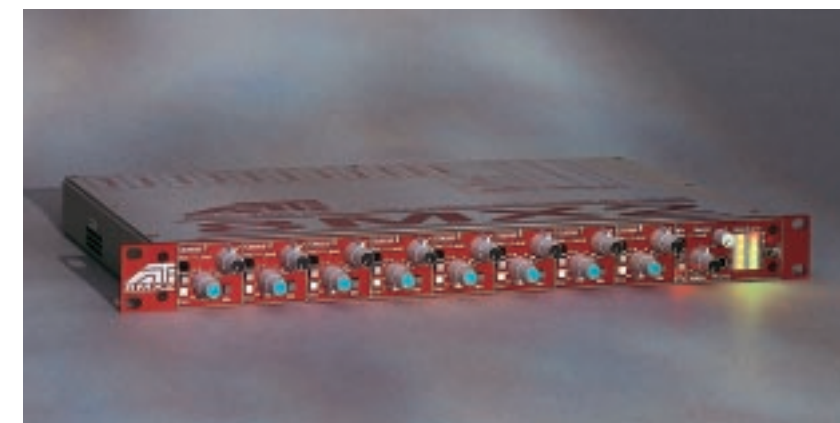
*The 8MX2 contains an
unprecedented number of
routing and mixing features
in a single rack space device.*

esoteric of microphone selections. The
signal presented to either an A/D converter
or traditional analog console input will be
as natural as the original audio source.
The mic preamplifier has 20dB of head-
room with a maximum input level of
+24dBm. These parameters allow dynamic
transients to be passed uninhibited. This is
paramount in maximizing the overall
benefits of recording to digital. The gain
is adjustable from +0dB to +65dB on a
41 position detented potentiometer.
Settings therefore are easily repeated.
Input signal level is displayed on a 10
segment LED bargraph meter. On the rear
panel there are individual 48V phantom and
ground lift switches for each input.

Each 8MX2 input is fitted with an adjustable
threshold limiter which maximizes the peak
signal input capabilities and signal integrity
while protecting the A/D converters in the
digital device the 8MX2 may be driving.
Gain reduction is displayed on a second
10 segment LED bargraph meter.

The 8MX2 has 8 balanced outputs that
can directly feed the inputs of any analog
recording device as well as any digital
audio workstation, digital recorder or
digital recording console. Each channel has
a line level Multitrack return which can
monitor the outputs of a digital multitrack.
Channel or return signal can feed the 2
track Mix output located on the rear of the
chassis. A comprehensive cue system faci-

*The 8MX2 can feed the inputs of
any analog recording device,
digital audio workstation,
recorder or recording console.*



tates monitoring and metering
signal points. Audio monitorin
via a front mounted headphone
rear mounted monitor output

All switches used on the 8MX2
plated, self cleaning and self w
potentiometers are rated for o
cycles and are high tracking. T
supply is fully regulated and s
to all audio signal paths insur
headroom.

Clearly, the 8MX2 will be a we
addition to any audio recordin
We invite you to audition one

