

AM 120 MKII

1-Mic/Line 2-Stereo Input Compact Mixer



The AM Series Mixers are compact and versatile with anywhere between 5 and 24 mono Mic/Line and stereo inputs. Ultra low noise pre-amps ensure high quality sound when used in project studios or sound reinforcement. Low-cut filters on mono channels eliminate unwanted sounds like stage rumble, P-pops, wind noise and low frequency recording studio room resonances. The multi-band EQ on mono channels gives you total control over your mix. The AM series also makes monitoring the mix easy with its dual multi-segment LED level meters and high volume headphone outputs.

- ▶ Audiophile-quality mic preamps & ultra low noise
- ▶ 1 mic/line and 2 stereo channels
- ▶ 2-Band EQ on mono input channel
- ▶ 2T RTN & 2T REC for CD or tape recorder
- ▶ Dual 4-segment master level meter
- ▶ Headphones output with volume control
- ▶ Peak LED on mono input channel
- ▶ Balanced master output
- ▶ Universal +48V phantom power



Specifications

Inputs	
Total Channels	3
Balanced Mono Mic/Line Channel	1
Balanced Stereo Line Channel	2
Aut Return	N/A
2T Input	Stereo RCA
Outputs	
Man L/R Stereo	2 x 1/4" TS, unbal.
Rec out	Stereo RCA
CTRL RM L/R	N/A
Phones	1
Channel Strips	3
EFX Send	N/A
Pan/Balance Control	Yes
Volume Controls	Rotary
Inserts	1
Master Section	
Phones Level Control	Yes
Main L/R Level Control	Rotary VR
Metering	
Number of Channels	2
Segments	4
Phantom Power Supply	+48VDC
Frequency Response (Mic input to any output)	
20Hz-60KHz	+0/-1dB
20Hz-100KHz	+0/-3dB
Crosstalk (1KHZ @ 0dBu, 20HZ to 20KHZ, bandwidth, channel in to main L/R outpus)	
Channel fader down, other channels at unity	<-90dB

Noise (20Hz~20KHz; measured at main output, Channels 1-4 unit gain; EQ flat; all channels on main mix; channels 1/3 as far left as possible, channels 2/4 as far right as possible, Reference=+6dBu)	
Master @ unity, channels fader down	-86.5dBu
Master @ unity, channels fader @ unity	-84dBu
S/N ratio, ref to +4	>90dB
Microphone Preamp E.I.N. (150 ohms terminated, max gain)	<-129.5 dBm
THD (Any output, 1KHz @ +14dBu, 20Hz to KHz, channel inputs)	<0.005%
CMRR (1KHz @ -60dB, Gain at maximum)	80dB
Maximum Level	
Mic Preamp Input	+10dBu
All Other Input	+22dBu
Balanced Output	+28dBu
Impedance	
Mic Preamp Input	2K ohms
All Other Input (except insert)	10K ohms
RCA 2T Output	1.1K ohms
Equalization	
Low EQ	80Hz
Mid EQ	N/A
Hi EQ	12KHz
Low Cut Filter	75Hz(-18dB/oct)
32/40-bit Digital Effect Processor	N/A
Power Requirement (external power supply, depends on region)	100VAC, 120VAC, 220-240VAC, 50/60Hz
Weight	1.1kg
Dimension (WxHxD)	155.6x50.5x244mm (6.12"x1.99"x8.82")