



innovative • versatile • affordable

Professional Power Amplifiers

Power • Performance • Protection



AMPLIFIERS

M Series MK II Professional Power Amplifier

The M-Series MK II amplifiers combine robust, reliable and precise power with in-built comprehensive protection systems. The new M-Series MK II boasts of improved design and audio performance throughout the versatile range of models, and also a multitude of precision user controls, protection circuitries and an LCD status display to ensure long term reliability to withstand the high demands of today's pro-audio users.

Performance

- SLDD Sound Dynamic Processing Circuit for higher audio performance
- WIMA & CDM Capacitors for warm sound and high reliability
- VL Crossover Circuit Design - 100Hz @ 24dB Octave for precise crossover
- Toshiba Transistors for super high reliability
- Over-sized Transformers for better output headroom
- 2 ohms impedance capability
- Constant Voltage Gain for wider flexibility and compatibility
- Neutrik Input and Output Connectors for optimum connection integrity

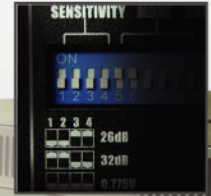
Protection

- LX Input Overload Limiter Protection against clipping
- ACL Active Clip Limiter Protection against output overload
- LRS Short Circuit Protection against output short circuits
- TP Thermal Protection against overheating
- IGM Instantaneous Gain Modulation for abnormal low impedance sensing
- Auto Ramp Protection and DC Voltage Protection against speaker damage
- Subsonic Frequency Protection against ultra low frequency overload
- Protect and Limiter Indicator LEDs
- LCD Display for monitoring operational status

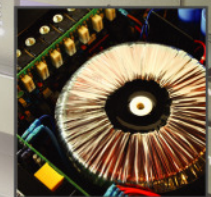
Highlights



Neutrik Connectors



Constant Voltage Gain



Over-sized Transformers



Toshiba Transistors



LCD Status Display



SPECIFICATIONS

	M-3.0mkII	M-5.0mkII	M-7.0mkII	M-11mkII	M-17mkII
1kHz, 0.1% THD+N					
8ohm Stereo RMS Power	2 x 200W	2 x 350W	2 x 450W	2 x 700W	2 x 1200W
4ohm Stereo RMS Power	2 x 300W	2 x 500W	2 x 700W	2 x 1100W	2 x 1700W
2ohm Stereo RMS Power	2 x 350W	2 x 550W	2 x 750W	2 x 1400W	2 x 1900W
8ohm Bridged RMS Power	550W	1000W	1400W	2100W	3400W
4ohm Bridged RMS Power	700W	1100W	1500W	2800W	3800W
Frequency Response (+0/-0.3dB, 1W/8ohm)	20Hz-20kHz, (±30dB)				
Power Bandwidth (rated power at 4ohm, 1% THD+N)	20Hz-20kHz, -0.84dB/+0dB				
TourClass Protection	DC protect, Short circuit protect, High temperature protect, Current inrush protect, Input over load protect, Output, Soft startup protect				
THD+N(rated power, 4ohm/1kHz)	<0.5%				
SMPTE IMD (rated power, 8ohm, 50Hz & 7kHz)	<0.5%				
Damping Factor(10-400Hz at 8ohm)	>300		>500		>700
Input CMRR (1kHz)	≥60dB				
Standard Input Sensitivity (rated power at 8ohm)	0.775V/32dB/26dB				
Input Impedance (balanced/unbalanced)	20k ohm(Balanced) / 10k ohm(Unbalanced)				
Hum and Noise ("A" weighted, -80dBW)	≥95dB				
Crosstalk ("A" weighted, full power at 4ohm)	≥60dB				
Class	AB			H ⁺	
Input Connectors (per channel)	Jack & Neutrik female XLR			Neutrik male & female XLR	
Output Connectors (per channel)	2-way binding posts or Speakon connectors			Neutrik Speakon	
Power Supply (factory configured)	240V/50Hz				
Idle Current Draw (220V)	0.1A	0.1A	0.2A	0.2A	0.4A
1/8 Power Curr. Draw (typical music cond., 220V/4ohm)	2.8A	4.3A	5.25A	5.25A	5.8A
1/3 Power Curr. Draw (cont. music cond., 220V/4ohm)	5.0A	8.0A	11.5A	11.5A	12.0A
Max Curr. Draw (cont. music cond., 220V/4ohm)	8A	10.5A	15.0A	15.0A	20A
Thermal Emissions (1/8 Power, 4ohm)	2030BTU/hr	3250BTU/hr	4750BTU/hr	4750BTU/hr	6525BTU/hr
Thermal Emissions (1/3 Power, 4ohm)	2726BTU/hr	4341BTU/hr	6300BTU/hr	6300BTU/hr	8750BTU/hr
Cooling	Two-speed DC fan, air flow from front to rear				Two-speed DC fan, air flow from rear to front
Controls	Front panel: 2 attenuators, power switch; Rear panel: signal ground lift & mode switches; filter switch				
LED Indicators (per channel)	Limiter, Signal, Protect, Active				
Construction	Steel chassis, 16 gauge. Double thickness in rack ear areas				
Dimensions (H x W x D)	88 x 482 x 397mm		88 x 482 x 462mm		132 x 482 x 489mm
Gross Weight	16kgs	19kgs	23kgs	25kgs	42kgs
Net Weight	12kgs	15kgs	19kgs	21kgs	38kgs

• Reserves the right to make changes or improvements in manufacturing or design which may affect specification