

M-AD1 RANGE

Class D multichannel digital power amplifiers 150W/250W/500W



KEY POINTS

- Multichannel amplifiers from 150W to 2000W.
- Optimal cooling.
- Easy to use : basic settings on the front panel.
- Space saving : 1U or 2U (depending on model).
- High performance > 91 % (class D technology).



M-AD1-2150

SEVERAL POWERS FROM SINGLE TO QUADRUPLE CHANNEL

1 x 150W : M-AD1-1150	2 x 150W : M-AD1-2150	4 x 150W : M-AD1-4150
1 x 250W : M-AD1-1250	2 x 250W : M-AD1-2250	4 x 250W : M-AD1-4250
1 x 500W : M-AD1-1500	2 x 500W : M-AD1-2500	4 x 500W : M-AD1-4500

- The M-AD1 range offers a wide choice of 100V line class-D digital power amplifiers.
- Available in 9 single- or multi-channel configurations : 1, 2 or 4 channels.
- Total power from 150 to 2000W with 3 different channel powers: 150W / 250W / 500W.
- It offers advantages in terms of energy efficiency, heat dissipation and space saving.
- Switching power supply in combination with class D amplifier stage permits less weight and energy efficient.
- The integrated ventilation system protects against overheating.
- Front panel LEDs provide instant control of amplifier status.
- Easy to use, basic settings are on the front panel : volume, bass and treble control.
- Each amplifier has 2 audio inputs, including an input to mute the current broadcast by dry contact and a 100V output that can be switched to 70V.



M-AD1-1500

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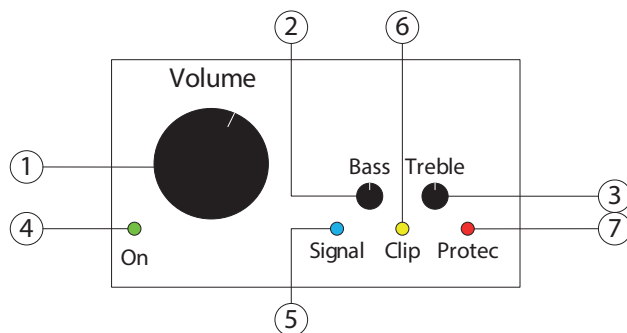
TECHNICAL CHARACTERISTICS

Model	M-AD1-1150	M-AD1-1250	M-AD1-1500	M-AD1-2150	M-AD1-2250	M-AD1-2500	M-AD1-4150	M-AD1-4250	M-AD1-4500
Power	1 x 150W	1 x 250W	1 x 500W	2 x 150W	2 x 250W	2 x 500W	4 x 150W	4 x 250W	4 x 500W
Nominal Power consumption	180W	280W	560W	360W	565W	1120W	720W	1130W	2240W
1/8 Pmax Pink noise Consumption	31W	44W	93W	58W	100W	185W	120W	190W	370W
INPUT									
Input sensitivity	0 dBu								
Input type	Balanced								
Connectivity	Combo : XLR + 6,35mm Jack								
OUTPUT									
Voltage	100V/70V (dip switch selection)								
Bandwidth	20Hz à 20kHz (-3dB @ -10dB ref rated output)								
Distorsion	< 0,5% @ rated output, 1kHz								
S/N ratio	> 80dB								
Connectivity	2 pts removable terminal block (pitch 5,08mm)								
OTHER									
Mute input	Dry contact								
Connectivity	2 pts removable terminal block (pitch 3,81mm)								
Power supply	Mains: 110V-265V AC 50Hz/60Hz								
Material	Metal								
Color	Black								
Weight	3,6 kg	4 kg				6,5 kg			
U-dimension	1 U	2 U	1 U		2 U				
Dimensions (LxWxD) mm	422 x 328 x 44	422 x 328 x 88	422 x 328 x 44		422 x 328 x 88				
Fixing distance	465 mm								

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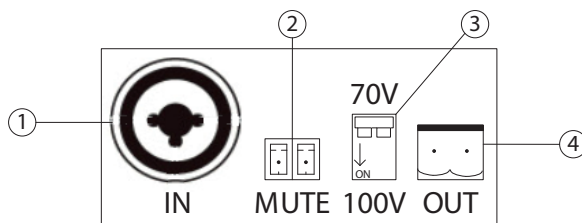
REAR VIEW OF A CHANNEL



Adjust potentiometers are on the front panel.

- 1 Volume : adjust the input level present at the input
- 2 Bass : adjust the Bass input level
- 3 Treble : adjust the Treble input level
- 4 On indication : light green when power is On
- 5 Signal indication : light blue to indicate that signal is present at the input
- 6 Clip indication : light yellow to indicate that output signal is clipping
- 7 Protec indication : light red to indicate that the channel protection circuitry is active

FRONT VIEW OF A CHANNEL



All connexions are achieved on the rear face.

- 1 0 dBu input XLR / Jack
- 2 Mute input
- 3 100V / 70V selection
- 4 100V output