

# FORZA

## AF M1D

Amplifier 1000 W total power 1 x 1200 W @ 1ohm D-class

AF D companion amplifiers are designed to add powerful amplifier channels to AF bit amplifiers. A plug-and-play Input harness is included to make the connection to AF bit amplifiers straightforward. AF D amplifiers are also perfect for use with systems controlled and managed by a standalone bit processor, such as a bit One HD Virtuoso. AF M1D boasts one high-fidelity amplified channel 600W @4Ohm\*, 1000W @2Ohm\*, and 1200W @1Ohm\* with the audiophile sound of the latest generation Audison D-Class technology. Higher switching frequencies, steeper filtering, and higher-tolerance components deliver sound above and beyond the expectation of Class D – in an amazingly compact package! AF M1D is the only one in the AF D family that can be used also in standalone mode, thanks to a set of manual controls:

- adjustable (and defeatable) low-pass 4th-order crossover filter
- 0-180° polarity/phase switch
- 45 Hz Bass Boost adjustment

Combine these functions with the ART DC turn-on from high-level Inputs, the USS speaker-input loading, and the optional VCR-S2 level knob, and this amp can be used to add subwoofers even in systems which lack an Audison AF bit amplifier!

\*Output Continuous Power (RMS) @14.4 VDC, 1% THD, All channels driven.



### AMPLIFIER TECH DATA

Channels	1
Class	D-Class
Hi Level Input	Yes
Low Level Input	Yes
Digital Input	No
Power supply voltage / fuse	11 ÷ 15 VDC
Operating power supply voltage	6.5 ÷ 17.5 VDC
Idling current	1.3 A
Idling current when off	0.005 mA
Consumption @ 14.4 VDC, 1?, Max Musical Power	65 A
Remote OUT	6.5 ÷ 15 VDC (150 mA)

Remote IN	4 ÷ 15 VDC (1 mA)
ART - Automatic Remote Turn on/off from OUTPUT BTL speakers (Selectable)	1.5 VDC

## AMPLIFIER STAGE

Distortion - THD @ 100 Hz, 4?, 70% Rated Power	0.03%
Bandwidth A	(-3 dB, 2 VRMS, 4 Ohm): 10 Hz ÷ 500 Hz
S/N ratio A	(A weighted @ 1 V): 105 dBA
Damping factor A	(100 Hz, 4Ohm, 2 VRMS): 125
Input sensitivity Pre-In	0.6 ÷ 6 VRMS
Input sensitivity Speaker-In	2.2 ÷ 22 VRMS
Total Power RMS	1000 W
Minimum load impedance	1 Ohm
Output Power (RMS) @ 14.4 VDC, 1% THD	1Ch @ 4Ohm: 600 W 1Ch @ 2Ohm: 1000 W 1Ch @ 1Ohm: 1200 W
Adjustable Crossover	Yes

## CEA SPECIFICATIONS

Output power @ 4?, 1% THD+N, 14.4 V	600 W
SN ratio (ref. 1W output)	81 dBA

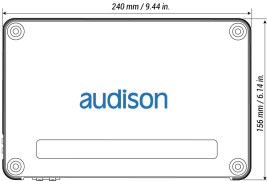
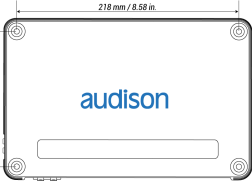
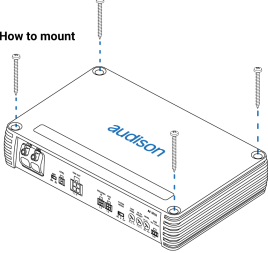
## INPUTS

Input Type	Pre-In / Speaker-In
Filter Pass A	Full / Low-Pass 50 ÷ 150 Hz @ 24 dB/Oct.
Inputs/Outputs Phase	(0 ÷ 180 ) deg
Inputs/Outputs Bass Boost	45Hz (adjustable) - (0 ÷ 6) dB
Remote Sub Volume	±12 dB

## OTHER

Weight	1.95 kg
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## DIMENSIONS

<div><div><div>External Size</div><div></div></div><div><div>Mounting Size</div><div></div></div><div><div>How to mount</div><div></div></div></div>	
Dimension A	240 mm
Dimension B	47 mm
Dimension C	156 mm