



# MFA216

## Multi-functional SourceCon™ Amplifier 2 x 80W 70/100V

### Highlights:

- Compatible with AUDAC Touch™ 2
- Dante expansion port
- Advanced DSP and loudspeaker management
- WaveDynamics™ speaker & set configurations
- Compact design
- Amplifier link in-& outputs
- 1 x SourceCon™ interface card slots
- RS485 & TCP/IP controllable

This revolutionary amplifier is designed as a two-channel amplifier using class D amplifier technology. It can be used for powering low impedance stereo systems with a maximum power of 2 x 80 Watt, while bridging to a constant voltage (100V and 70V) is possible with a maximum output power of 160 Watt. A switch-mode power supply allows a wide variation of mains voltages for global compatibility.

The integrated SourceCon™ module slot allows the implementation of any available compatible module, offering a true all-in-one solution. Typical applications are the implementation of an audio streaming module or internet radio module. Additionally, a stereo line input allows connection for any kind of external audio sources.

A balanced mic/line input allows connection for an announcement microphone with compatibility for condenser microphones using the integrated phantom power supply (15V). A priority switch overrides the background music when enabled and compatibility with line-level sources (e.g. voice file players) is guaranteed by wide gain adjustment (0 dB ~ +50 dB). Thanks to the 2.8" TFT display and the push rotary dial on its front, an unmatched user experience is achieved.

The MFA series are both RS232, RS485 and TCP/IP controllable allowing implementation with home & industrial automation systems and peripheral devices. Using the freely available AUDAC Touch™ 2 application, control and configuration can be done from any portable or non-portable device on any location and at any time.

Desktop installation or mounting in an equipment rack using the MBS1xx series mounting adapters is possible. The half 19" rackspace enclosure allows single installation in a 10.5" equipment rack, or side-by-side (two devices) in a 19" equipment rack.

### Applications:

- Bars, restaurants
- Retail
- Public facilities
- Corporate spaces



### Certification:



### Additional Inputs:



### Voltage:



## System specifications:

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RMS Power	Bridge @ 70/100 V	160 W
Frequency	Response ( $\pm 3$ dB)	20 Hz - 20 kHz
Signal / Noise		> 90 dB
THD+N (@ 1 kHz)		< 0.05%
Technology		Class-D
RMS Power	@ 4 $\Omega$ Stereo	2 x 80 W
	@ 8 $\Omega$ Stereo	2 x 40 W

## Product Features:

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Dimensions		217.5 x 43.7 x 300 mm (W x H x D)
Weight		2.20 kg
Mounting		1/2 19" / 1 HE or tabletop
Construction		Steel
Accessories	Optional	19" Rackmount adapter