MFA208

All-in-one audio solution - 2 x 40W @ 4 Ohm - 80W @ 70/100V

Highlights:

- 1 x SourceCon™ interface card slots
- Compatible with AUDAC Touch™
- Compact design
- Advanced DSP and loudspeaker management
- WaveDynamics™ speaker & set configurations
- Auto-update (OTA) feature
- RS485 & TCP/IP controllable
- Dante™/AES67 expansion port
- Amplifier link in-& outputs
- Near-zero latency (100ms) when playing priority messages through Dante™/AES67

Product information:

"All-in-one audio solution."

This revolutionary award-winning 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 40 Watt, while bridging to a constant voltage (100V and 70V) is possible with a maximum output power of 80 Watt. A switch-mode power supply allows a wide variation of main voltages for global compatibility.
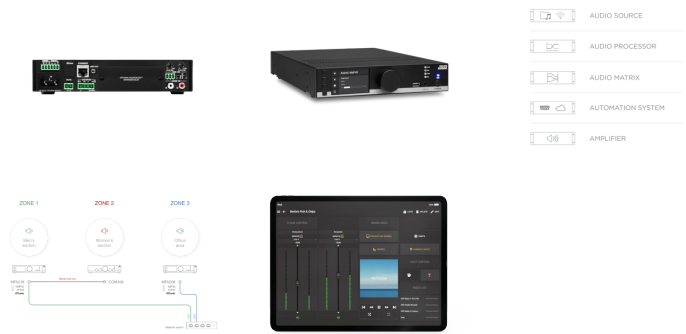
The integrated SourceCon™ module* slot allows the implementation of any available compatible module, offering a true all-in-one solution. Typical applications are the implementation of an audio streaming module or internet radio module. Additionally, a stereo line input allows connection for any kind 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). This gain adjustment controls both the sensitivity of the line inputs on the rear as on the front. Thanks to the 2.8" TFT display and the push rotary dial on its front, an unmatched user experience is achieved.

Please pay attention the RCA input is combined with the line input at the back of the device, meaning the rear input is disabled when the front input is in use.

A line out connection at the back of the device is making the device even more versatile. This line out can be used as a preamp output, where the input and volume are the same as the internal amplifier or as a separate secondary stereo zone output, where both zones (inputs, volume control, and many more..) can be operated completely independently of each other.

A priority mute contact on the back of the device mutes the music at the presence of a contact closure between both terminals. Priority enabled on mic-in overrides the muting,

Certification:

Dante® Option available

Dante® Domain manager

Additional Inputs:

RS232   TCP-IP   USB

Voltage:

70-100 Volt

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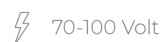
allowing emergency announcements or voice messages.

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 MBS310 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.

When installed the (optional) ANI44XT Dante™ audio network interface, music from the installed SourceCon™ module or connected line input signal can be shared throughout your Dante™ audio network to other compatible devices or amplifiers. Using Dante™, you can even play priority messages with near-zero latency (100ms) to the audience.

*SourceCon™ modules are optionally available. MFA series does not come pre-installed with one of these modules.

*Automation tool: the MFA series does not have built-in relays, it will only be possible to send commands via AUDAC Touch™ to other TCP-IP products. 2-way communication between devices is not possible.

*NOTE: The powers shown for low impedance stereo mode may look strange to be equal for 4Ω, 8Ω and 16Ω loads, however, these figures are true and correct. The output voltage is increased at higher load impedances to guarantee the maximum output power is achieved. These figures are depending on a correct output setting configuration in the 'Settings' > 'Amplifier' > 'Output' and 'Output type' menu.

Applications:

- Bars & Restaurants
- Retail
- Corporate

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System specifications:

Continuous power (AES)	@ 4 Ω Stereo		2 x 40 W
	@ 8 Ω Stereo		2 x 40 W
	@ 16 Ω Stereo		2 x 40 W
	@ 70/100 V Bridge		1 x 80 W
Frequency	Response (± 3 dB)		20 Hz - 20 kHz
Signal / Noise			> 90 dB
THD+N (@ 1 kHz)			< 0.05%
Technology			Class-D
Inputs	Balanced Mic./Line	Type	1 x Balanced Microphone and Line Input
		Connector	Euro Terminal Block
	Unbalanced Stereo	Connector	RCA / 3.5 mm Jack
		Type	1 x Stereo Unbalanced Line
	Type		1 x SourceCon™ interface card slots
			4 x Dante™/AES67 (Optional module)
	Other	Type	Priority mute contact
Outputs	Type		1 x Line output
			1 x 70/100V (Bridged)
			4 x Dante™/AES67 (Optional module)
Power	Supply	Operating	100 ~ 240 V AC / 50 ~ 60 Hz

Product Features:

Dimensions		8.56 x 1.72 x 11.81 " (W x H x D)
Weight		4.85 lb
Mounting		1/2 19" / 1 HE or tabletop
Construction		Steel
Accessories	Optional	19" Rackmount adapter
		Wall Controller (MWX45)
		ANI44XT - Dante™/AES67 audio network interface

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