M2
Multi-Media Digital Audio Mixer

▶ Features

- **8 x 8 Digital Audio Mixer**
- **DSP Processor for every Channel**
- **Balanced in- & outputs, 10 contact inputs, 2 Priority Inputs, 8 Relay Outputs, ...**
- **Automatic Level Control, Parametric EQ, Delay, ...**
- **Internal voice file interface (SD-card)**
- **Fully digitally controllable (TCP/IP, RS232, Web based user interface, Wall Panels, ...)**

▶ Applications

- **Restaurants, Clubs, Bars**
- **Theaters, Hotels**
- **Conference facilities, Houses of worship**
- **Professional offices, Public buildings**
- **Private houses, Libraries, Meeting rooms**
- **Fire departments, ...**

The M2 is a Multi - Media audio distribution system which offers an unseen flexibility and amount of possibilities for any audio distribution system. It can handle a diverse array of inputs signals and has enough DSP power to apply the most modern filters, effects and other options.

In general, it is an 8 x 8 digital audio mixer, which is based on 11 powerful DSP processors. It is fully digitally controllable through a web browser interface, optional touch panel, wall panels and even iPhone or iPad apps. The built-in digital mixer makes it possible to mix all input signals together and patch them to any of the outputs.

What makes the M2 superior to all other digital audio matrixes is the superior DSP power and advanced software. It contains 8 balanced stereo inputs with Automatic Level Control (ALC) whereto any Line or Microphone level source can be connected. Other functions which can be applied to the inputs are: Noise Gate, Filters, 5 Band Parametric EQ, Anti-Feedback and Phantom power.

The zone outputs are balanced stereo outputs with the possibility to integrate an optional Power Amplifier Kit (POW2). The outputs are switchable between Mono / Stereo and also have the possibility to apply many other functions such as Delay, Restricting the audio level, 5-Band Parametric EQ and Filters.
Together with the audio outputs, one output relay (NO / NC contacts) is provided for every zone. This can be used for controlling external devices such as emergency lights, bypassing volume controllers, ...

All audio inputs can be mixed to the outputs. To keep a clear overview of all these functions, they can be grouped to different scenes. With these scenes, it will be possible to recall all the right settings by one single action.

Some of the many other features are: Internal Voice-file interface (SD-Card), 10 programmable contract inputs, 256 Pre-programmed events, fiber optical interface (option), 7" Touchscreen display kit (option), ...

Note: The AUDAC M2DIS interactive 7" touch-screen display kit shown on some promotional images of the M2 is an optional expansion kit not included in the standard M2.

▶ Specifications

SYSTEM SPECIFICATIONS	
Inputs	8 x Balanced Stereo Input (Line / Mic) (3-pin Euro Terminal Block - 3.81 mm)
	4 x Stereo Unbalanced Line (RCA)
	2 x Balanced Priority Audio Input (Line) (3-pin Euro Terminal Block - 5.08 mm)
	10 x Peripheral Interface Input (RJ45)
	2 x Priority Contact Input (2-pin Euro Terminal Block - 5.08 mm)
	8 x Contact Input (9-pin Euro Terminal Block - 5.08 mm)
Outputs	8 x Balanced Stereo Output (3-pin Euro Terminal Block - 3.81 mm)
	8 x Power Amplifier Output (option) (4-pin Euro Terminal Block - 5.08 mm)
	8 x Relay Output (NO/NC) (3-pin Euro Terminal Block - 3.81 mm)
Control possibilities	Front panel (M2DIS Display option)
	RS232 / TCP/IP
	Wall panel (RS485)
	iPhone / iPad / Integrated website
Power supply	100 ~ 240 V AC / 50 ~ 60 Hz
Power consumption	xxx Watt
PRODUCT FEATURES	
Dimensions (Width x Height x Depth)	482 x 132 x 350 mm
Weight net	8.85 Kg
Mounting	19" Rack
Unit height	3 HE
Optional Expansion kit	M2DIS (7" Touchscreen display kit)
	POW2 (Internal Power Amp 16 x 60 W)
	OPT2 (Fiber interconnection Interface-
Peripheral Interfaces	DW5065 All-In-One Wall Panel
	DW3020/4020 Wall control panel
	APM1xx Digital Paging Consoles
SHIPPING & ORDERING	
Packaging	Carton box
Shipping weight and volume	xxx Kg - xxx Cbm

*AUDAC reserves the right to change specifications without notice: this is part of our policy to continually improve our products