

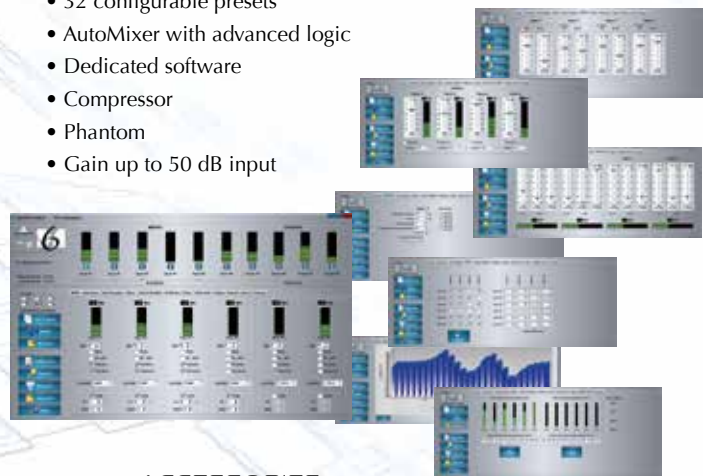
M6 v3

DSP Digital Audio Matrix

- **M6 v3** is a digital matrix provided with 6 inputs, 4 outputs, 4 antilarsen and DSP with ability to integrate into any new or existing sound system.
- **M6 v3** has 6 input equalizers and 4 output equalizers, gate, delay and automatic opening system for microphones.
- **M6 v3** is a new equipment produced by Fulgor Service that fits into the high range of the audio market, when you need to manage multiple signals and distribute them to multiple outputs processing delays, equalizations, antilarsen, noise gate and presets.
- **M6 v3** is a tool that allows you to get a good speech intelligibility in any environment where it is installed, increasing the efficiency of the audio system and increasing the SPL.
- **M6 v3** is configured at installation time using a PC with proprietary software.
- **M6 v3** is supplied in 1U standard rack and provided with a recall presets panel.
- **M6 v3** is easy to manage for the final customer.

TECHNICAL CHARACTERISTICS

- 6 inputs and 4 outputs balanced XLR mic / line.
- 6X4 matrix by pass
- configurable and remotable potentiometers
- 3 parametric equalizers on each input
- 4 antilarsen assignable outputs on dual technology
- 4 noise gate
- 4 delay
- 6 parametric EQ on every output
- 32 configurable presets
- AutoMixer with advanced logic
- Dedicated software
- Compressor
- Phantom
- Gain up to 50 dB input



ACCESSORIES

- **SUPPLIED:**
RP6 PANEL - PRESET RECALL WITH 6 ITEMS
- **OPTIONAL:**
M-CONTROL INTERFACE TOUCH



RP6 PANEL



GENERAL CHARACTERISTICS

- NUMBER OF BITS: 24
- DYNAMICS: 96 dB
- INPUT LEVEL: -50 dB +50 dB
- IMPEDANCE INPUT: 6K Ohm
- OUTPUT LEVEL: -60 dB + 6 dB
- INPUT LEVEL MAXIMUM: + 50 dB
- OUTPUT IMPEDANCE: 100 Ohm
- FREQUENCY RESPONSE: 20HZ/20000Hz
- OPERATING TEMPERATURE: -5+40° C
- SAMPLING FREQUENCY: 42 KHz
- POWER SUPPLY: 230V ± 10% -50 Hz
- POWER CONSUMPTION: 10 VA
- DIMENSIONS (WxHxD): mm 483X45X200 - 1U standard rack
- WEIGHT: Kg 2,5

SOFTWARE PROGRAMABLE CHARACTERISTICS

- **ANTILARSEN** (2 parameters adjustable with double algorithm):
 - PHASE from 1 to 7,5 ms / from 0,1 to 2 Hz
 - FREQUENCY from 0,1 to 2 Hz
- MATRIX BY PASS: 6 X 4
- NOISE GATE (3 adjustable parameters): threshold, delay, slope
- DELAY ON EVERY CHANNEL: from 0 to 64 m
- PARAMETRIC FILTERS
- 32 PRESET SELECTABLE BY REMOTE CONTROL
- REVERSE PHASE 180° PROGRAMMABLE ON INPUT AND OUTPUT

The images are purely illustrative and the details can be changed without any warning.