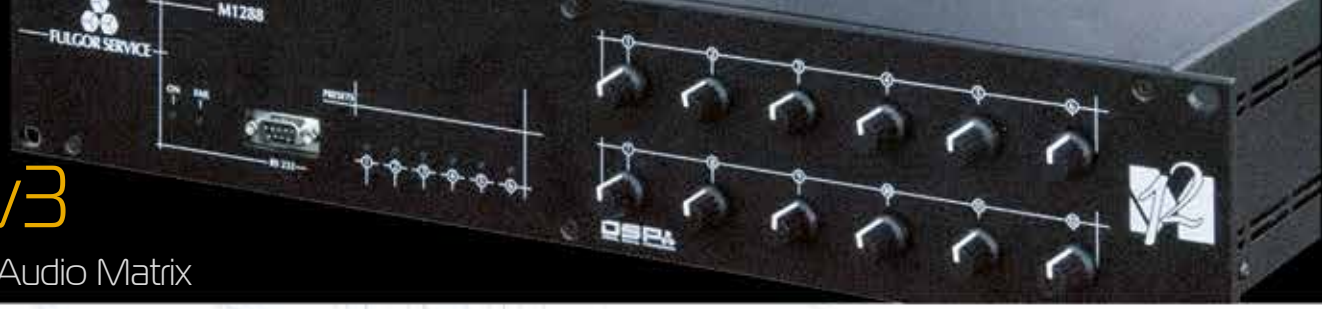
SUPPORT MADE IN ITALY
BUY OUR PRODUCTS



M12 v3

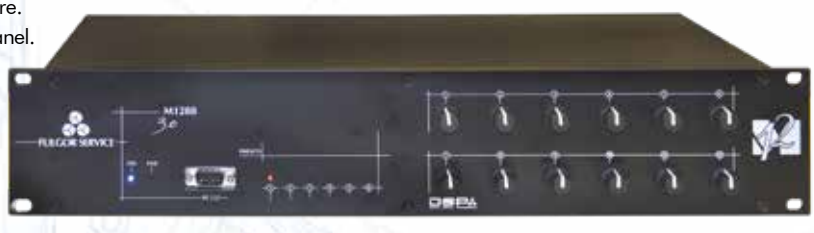
DSP Digital Audio Matrix

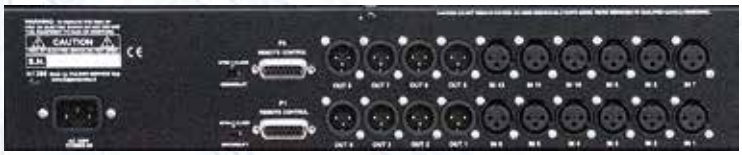
- **M12 v3** is a digital matrix provided with 12 inputs, 8 outputs, 8 antilarsen and DSP with ability to integrate into any new or existing sound system.
- **M12 v3** has 12 input equalizers and 8 output equalizers, automatic opening system for microphones, 8 antilarsen with different algorythm (one for each output), gate and delay.
- **M12 v3** is the evolution of **M6** meant for those who have high demands in audio and want to get maximum performance in speech intelligibility and sound pressure. When it is required to handle multiple signals and send them to multiple outputs processing delays and equalizers, M12 is an indispensable tool.
- **M12 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.
- **M12 v3** is configured at installation time using a PC with proprietary software.
- **M12 v3** is supplied in 2U standard rack and provided with a recall presets panel.
- **M12 v3** is easy to manage for the final customer.

TECHNICAL CHARACTERISTICS

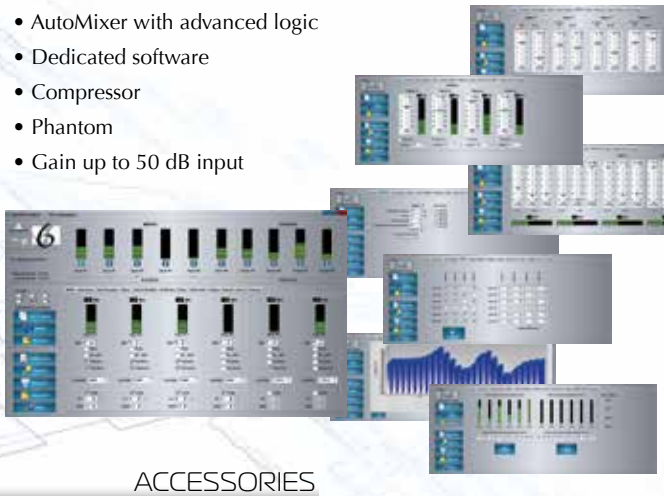
DSP DIGITAL SIGNAL PROCESSING

- 12 inputs and 8 outputs balanced XLR mic / line.
- 12X8 matrix by pass
- configurable and remotable potentiometers
- 3 parametric equalizers on each input
- 8 antilarsen assignable outputs on dual technology
- 8 noise gate
- 8 delay
- 6 parametric EQ on every output
- 32 configurable presets
- AutoMixer with advanced logic
- Dedicated software
- Compressor
- Phantom
- Gain up to 50 dB input





RP6 PANEL



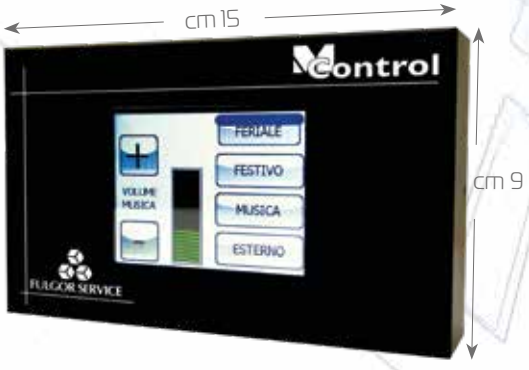
The images are purely illustrative and the details can be changed without any warning.

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 483X90X200 - 2U standard rack
- WEIGHT: _____ Kg 4

ACCESSORIES

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



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

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