

MS4 / 8 / 12

## ➤ SPECIFICATIONS

**NOISE**.....MEASURED 22Hz to 22kHz, unweighted  
 AUX & MIX O/Ps (8 Channels routed, faders down).....<-84dBu  
**E.I.N.** ..... Microphone Input.  
 (Maximum Gain, measured 22Hz-22kHz, unweighted).....-128dBu  
**CROSSTALK**.....20Hz-10kHz  
 Channel mute.....<90dB  
 Fader cut off (rel to 0 mark) .....<90dB  
 Routing isolation.....<90dB  
**FREQUENCY RESPONSE**  
 Mic/Line Input to any output 20Hz to 20kHz.....±1dB  
**T.H.D.**  
 Mic Gain. +30dB, +20dB at all outputs @ 1kHz.....<0.008%  
**INPUT & OUTPUT IMPEDANCES**  
 Microphone Input.....~2k Ω  
 Mono Channel Line Input.....>40kΩ  
 Stereo Input (Stereo Mode) .....>30kΩ  
 Stereo Returns.....>10kΩ  
 Headphones Output.....~40kΩ  
 All other audio outputs.....75 Ω  
**INPUT & OUTPUT LEVELS.**  
 Mic Input Maximum Level.....+12dBu  
 Mono Channel Line Input Maximum Level .....+38dBu  
 Insert Point Send/Return Levels.....+21dBu  
 Stereo Input Maximum Level.....+21dBu  
 Headphones (@200 Ω).....150mW  
 All other audio outputs.....+21dBu into 10k Ω  
**FILTER**  
 High Pass.....100Hz,18dB/octave  
 HF.....12KHz, ±15dB  
 MF.....240Hz-6KHz, ±15dB  
 LF.....60Hz, ±15dB



### Features:

- 4, 8 or 12 input versions
- S/PDIF Digital output
- S/PDIF Digital input
- Low noise, low distortion and RF rejection mic preamps
- Great British EQ with HF range improvements
- Ground tracking architecture minimizes noise and hum
- 100mm fader throw
- Professional grade connections throughout
- 1 Master gain control on all aux busses
- Switchable direct outputs
- Intelligent rackmounting system
- Direct outputs ( pre or post fade ) on all mono channels
- Signal present and peak LEDs on all input channels
- Mute and PFL on all input channels
- 4 Stereo inputs on all variants
- 4 Stereo returns & return master for FX returns.

MS802 / 1202 / 1602



### Features:

- 4, 8 or 12 Mic Inputs
- 4 Stereo Channel
- S/PDIF Digital output
- 2 Group output
- With a built-in effect processor ( 26 kinds of DSP effect)
- Low noise, low distortion and RF rejection mic preamps
- Great British EQ with HF range improvements
- Ground tracking architecture minimises noise and hum
- 100mm fader throw
- Professional grade connections throughout
- 1 Master gain control on all aux busses
- Switchable direct outputs
- Intelligent rackmounting system
- Direct outputs ( pre or post fade ) on all mono channels
- Signal present and peak LEDs on all input channels
- Mute and PFL on all input channels

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