

MA5.2K

Lightweight, High power, High performance amplifier

features

- Worldwide mains operating voltage
- Power Factor Correction
- Over-temperature forecasting
- Thermal, short-circuit and overload protection
- Temperature controlled air cooling system
- Clip and permanent signal limiter
- Digital gain attenuation
- Interactive LCD matrix
- PC remote control, monitoring and diagnostics

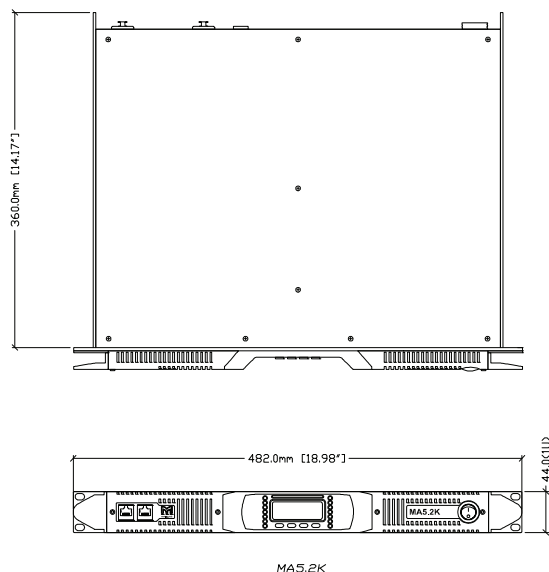


applications

- Live sound reinforcement
- Fixed installations

The MA5.2K is the latest addition to the renowned range of MA Series amplifiers. The MA5.2K utilises the Pulse Width Modulation principle in combination with a high efficiency two stage switching power supply to deliver true class D operation with unparalleled sonic performance and hitherto unobtainable power delivery. Occupying only 1U of rack space, weighing a mere 8kg (17.6lbs) and, with 2 x 2600 watts output into 4 ohms, the MA5.2K is a cost effective, high performance solution to many amplification requirements.

overall dimensions



technical specifications

MAX OUTPUT POWER

| | |
|-------------------------|--------|
| EIA AT 1 kHz AND 1% THD | |
| 8Ω PER CHANNEL | 1400 W |
| 4Ω PER CHANNEL | 2600 W |
| 2Ω PER CHANNEL | 2800 W |

DISTORTION

| | |
|-----------------------------|-------------------------|
| THD FROM 0.1W TO FULL POWER | < 0.05% (typically) |
| INTERMODULATION SMPTE | < 0.05% (typically) |
| INTERMODULATION DIM 30 | < 0.05% (typically) |
| S/N RATIO | > 112dB (20Hz to 20kHz) |
| DAMPING FACTOR (8 ohm) | > 5000 (20Hz - 200Hz) |
| SLEW RATE (8 ohm) | 50 V/μs |

INPUTS

| | |
|----------------------|----------------|
| GAIN SELECTABLE (dB) | 26, 29, 32, 35 |
|----------------------|----------------|

FRONT PANEL

| | |
|-------------------------|---|
| DISPLAY | Interactive LCD matrix |
| INDICATORS | 2 x Multi-function 7 segment LED Bargraph |
| MENU NAVIGATION | 4 x Digital Push Button |
| NETWORK | 2 x RJ45 |
| DATA STORAGE & TRANSFER | Smart Card Reader |

REAR PANEL

| | |
|-------------------|---|
| INPUT CONNECTORS | 2 x Neutrik XLR (female) Input 2 x Neutrik XLR (male) Link |
| OUTPUT CONNECTORS | 2 x Neutrik Speakon |
| LINK SWITCH | Channel A-B Link |
| DATA PORT | RS485 Via RJ45 |

POWER

| | |
|-------------------|-----------------------|
| OPERATION VOLTAGE | AC: 95-265V (50/60Hz) |
|-------------------|-----------------------|

DIMENSIONS

| | |
|--------|-------------------|
| WIDTH | 483mm (19ins) |
| HEIGHT | 44mm (1.75ins) 1U |
| DEPTH | 360mm (14.2ins) |
| WEIGHT | 8kg (17.6lbs) |

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