



ENGINEERED IN GERMANY

ETON MA SERIES – MINI DIGITAL AMPLIFIERS

The new MA power amplifiers – the 6-channel MA 6 amp, the 2- and 4-channel MA 2 and MA 4 models and the MA 1 mono block – are the successors to the powerful multi-award-winning ETON MINI amplifiers and the ETON POWER amps.

The MA series is a completely new development coming with a full set of features, high-end sound and high power output – compactly designed for easiest installation. Built with modern class-D amplifier technology, the power stations stand for truly high output power combined with fine resolution and low distortion, offering HIGH GRADE CAR AUDIO engineered in Germany.

The MA amplifier line offers the finest electronics in a beautifully designed, single die cast aluminum housing, anodized in matte gunmetal finish. The cast aluminum housings act as heat sinks with all their surface, ensuring a highly effective thermal management.

The top plate with the ETON logo is removable and, another neat design solution, can be rotated 180° for best cosmetic integration in both directions. The MA amplifiers offer top control, with all adjustment options accessible from the amplifier top side, yet concealed under the top plate after setup is complete. Covering all setup needs one can think of: high- and low-pass filters, adjustable high-level input voltage, adjustable high-level input resistance (EPS load) and gain control.

The MA series continues to impress with small but convenient design finesses, like an adjustment tool which is integrated into the heat sink, for uncomplicated setup attempts. There is also an LED light-bar to indicate the operational status of the amplifier, additionally serving as source for easier control adjustments in dark trunks. Removable power and audio signal connectors and the variable mounting feet round off the well thought out MA series feature set. Another bonus is the stackable design of the amps, for the install of two identical amp models on top of each other, fitting into cramped spaces, and/or the extra additional mounting points and blind holes for even higher versatility.

The inner values are no less impressive: multilayer boards, high-quality electronic components and top class manufacturing lay a baseline for the deployed advanced class-D amplifier circuitry, which is highly efficient. Offering top SQ for discerning listeners, at lowest distortions and highest control.

Whether a 6-channel amplifier for fully active operation of a 3-way front system, a mono block for powerful subwoofers – the MA series offers unprecedented choice.



Detachable power and audio signal connections

KEY FEATURES MA AMPLIFIERS

- Newly developed Advanced Class-D amplifier technology
- Newly designed, extremely high-quality die-cast aluminum housing in gunmetal grey matt finish with removable milled aluminum top plate (rotatable by 180°)
- MA 2, MA 4, MA 6: adjustable 12 dB/oct. high-pass and 12 dB/oct. low-pass filters, MA 1: adjustable low-pass filter with 12/24 dB/oct. slope steepness and subsonic filter
- Auto-Sense On function (SIG / DC)
- Start-stop capable
- Adjustable gain 0.45 V – 6 V
- Adjustable high-level input resistance (EPS load) per channel pair: 10 / 150 / 600 Ω
- Adjustable high-level input signal voltage per channel pair: 1 – 15 V / 15 – 40 V
- High-level inputs, low-level inputs (RCA) and low-level outputs (RCA, MA 2 only)
- Switchable audio input signal for all channels (MA 4 and MA 6)
- Removable connection plugs for power and audio signal
- Variable mounting feet for quick and easy installation
- Concealed mounting possible thanks to additional mounting points and blind holes
- Amplifier can be stacked
- Newly designed status LED light-bar
- Integrated adjustment tool, level remote control
- Engineered in Germany



Smart details: The adjustment tool integrated in the heat sink allows easy adjustment of filter functions and gain.

Variable mounting feet for flexible installation



Top stacking option to mount amp over each other, LED amp status light-bar to signal normal operation or protection mode



Removable milled top plate, can be rotated by 180°



Top control: input and crossover adjustments under the top plate



MA 1



MA 2



MA 4



MA 6

	1	2	4	6
Number of channels	1	2	4	6
Power rated at 4 ohms	1 x 690 watts	2 x 190 watts	4 x 105 watts	6 x 120 watts
Power rated at 2 ohms	1 x 1120 watts	2 x 310 watts	4 x 185 watts	6 x 225 watts
Power rated at 1 ohms	1 x 1510 watts	–	–	–
Power rated at 4 ohms bridged	–	1 x 640 watts	2 x 368 watts	3 x 450 watts
Signal-to-noise ratio	96.5 dB	83.5 dB	83 dB	91 dB
Damping factor at 4 ohms	>340	>185	>165	>165
THD+N	0.003 % @5W 1 kHz	0.005 % @5W 1 kHz	0.005 % @5W 1 kHz	0.003 % @5W 1 kHz
High-pass active filter	–	CH1/2: 15 – 300 Hz	CH1/2 & CH3/4: 15 – 300 Hz / 300 Hz – 6 kHz	CH1/2: 15 – 300 Hz / 300 Hz – 6 kHz CH3/4 & CH5/6: 15 – 300 Hz
Low-pass active filter	CH1: 25 – 250 Hz with 12/24 dB/oct. slope steepness	CH1/2: 30 – 300 Hz	CH3/4: 15 – 300 Hz / 300 Hz – 6 kHz	CH3/4: 30 – 300 Hz / 300 Hz – 6 kHz CH5/6: 30 – 300 Hz
Subsonic filter	30 Hz	via high-pass	via high-pass	via high-pass
Low-level inputs (RCA)	2	2	4	6
High-level inputs	2	2	4	6
Dimensions (L x W B x H)	270 x 160 x 51 mm	184 x 160 x 51 mm	184 x 160 x 51 mm	270 x 160 x 51 mm