



ENGINEERED IN GERMANY

ETON PA SERIES – MICRO DIGITAL AMPLIFIERS

Ultra-compact, flexible to use, powerful – the new PA amplifiers are the successors to the multi-award-winning ETON MICRO amplifier series. The PA 1 mono block and the 2- and 4-channel PA 2 and PA 4 models are completely new developments and focus on optimum performance in the smallest possible size to allow easy installation. Small, smaller, PA, measuring a minimal 110 x 85 x 45 mm (PA 2), the 2-channel amp can be flexibly integrated into any vehicle.

The PA series 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 is removable. The PA 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, subsonic filter (PA 1) adjustable high-level input voltage, adjustable high-level input resistance (EPS load) and gain control.

The PA amps continue to impress with small but convenient design finesses, like an adjustment tool which is integrated into the heat sink, for uncomplicated setup attempts. Removable power and audio signal connectors and the variable mounting feet round off the well thought out PA 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.

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 4-channel amplifier for operating a car audio system or a monoblock for powerful subwoofers – the PA series offers the right amplifier for every taste and application.



Detachable power and audio signal connections

KEY FEATURES PA 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
- PA 2 and PA 4: adjustable 12 dB/oct. high-pass and 12 dB/oct. low-pass filters, PA 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)
- Removable connection plugs for power and audio signal
- Variable mounting feet for quick and easy installation
- Amplifier can be stacked
- Integrated adjustment tool, level remote control (PA 1)
- Engineered in Germany



Variable mounting feet for flexible installation



Top stacking option to mount amp over each other



Removable milled top plate



Top control: input and crossover adjustments under the top plate



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



PA 1



PA 2



PA 4

	1	2	4
Number of channels	1	2	4
Power rated at 4 ohms	1 x 200 watts	2 x 85 watts	CH1/2: 2 x 45 watts · CH3/4: 2 x 80 watts
Power rated at 2 ohms	1 x 340 watts	2 x 140 watts	CH1/2: – · CH3/4: 2 x 140 watts
Power rated at 1 ohms	1 x 480 watts	–	–
Power rated at 4 ohms bridged	–	1 x 285 watts	CH1/2: – · CH3/4: 1 x 280 watts
Signal-to-noise ratio	83.5 dB	88 dB	78 dB
Damping factor at 4 ohms	>88	>40	>65
THD+N	0.01 % @10W 1 kHz	0.01 % @10W 1 kHz	0.01 % @10W 1 kHz
High-pass active filter	–	CH1/2: 25 – 250 Hz	CH1/2 & CH3/4: 50 Hz – 5 kHz
Low-pass active filter	CH1: 25 – 250 Hz with 12/24 dB/oct. slope steepness	CH1/2: 25 – 250 Hz	CH1/2 & CH3/4: 50 Hz – 5 kHz
Subsonic filter	30 Hz	–	–
Low-level inputs (RCA)	2	2	4
High-level inputs	2	2	4
Dimensions (L x W x H)	128 x 100 x 45 mm	110 x 85 x 45 mm	128 x 100 x 45 mm