



AM 500 – 1-CHANNEL CLASS-D AMPLIFIER MODULE

A real problem solver for upgrading a subwoofer to an active subwoofer: the AM 500 amplifier module saves costs, space and installation effort and still offers plenty of power in the smallest of spaces.

The AM 500 delivers an incredible 540 W RMS at 4 Ω and impresses with its full range of features: low-pass filter, subsonic filter, high- and low-level inputs, start-stop capability, adjustable audio signal input voltage and impedance, auto sense on function and much more!

KEY FEATURES

- 1-channel class-D amplifier module for installation in subwoofer enclosures
- Airtight die-cast aluminum enclosure with jumperable 3-stage power limiter to perfectly match the amplifier power to the subwoofer chassis
- 1 x 540 W RMS @ 4 Ω without limiter, 1 x 485 W RMS @ 2 Ω with limiter level 2
- 12 dB/oct. low-pass filter (40 – 125 Hz), 12 dB/oct. subsonic filter (25 Hz)
- Adjustable audio signal input voltage selector 1 – 15 V / 15 – 40 V
- Adjustable input load selector 10 Ω / 150 Ω / 600 Ω
- Bass boost 0 – 12 dB
- Phase shift 0°/180°
- Adjustable gain 6 V – 0.45 V
- High- and low-level inputs
- Start-stop capability
- Auto turn on function (SIG/DC)
- Scope of delivery: AM 500, level remote control, high-level connector plug, 2 x replacement fuses (ATC 30 A), mounting set (screws and Allen key)
- Dimensions with housing (L x W x H): 206 x 85 x 98 mm
- Installation dimensions (L x W x H): 188 x 85 x 95 mm