



ELECTROCOMPANIET

If music really matters™



AW 300 M

Mono Power Amplifier

Data Sheet

The All-New Mono Power Amplifier

The AW 300 M, a meticulously engineered power amplifier designed from the ground up as a mono-only model. Building on the success of the AW 800 M, this new addition offers a more compact form factor, making it exceptionally easy to integrate into any high-end audio system.

The AW 300 M outputs 300 Watts of pure power into 8 Ohms with vanishingly low distortion figures. At 4 Ohms, the power is impressive 600W and AW 300 M can deliver mighty 1000 watts into 2 Ohms!

The power supply has undergone substantial enhancements, featuring a generous 110,000 uF supply filtering. Mains power input is heavily filtered for both DC and RF noise. Feeding the supply is an 800VA wire gauge upgraded transformer, with magnetic and electrostatic shielding that effectively minimizes interference from the mains.

The internal ground reference has been significantly over-dimensioned and kept fully free from rectifying and output currents, yielding an immaculate, noise-free output signal at any power level. This translates into a rock-stable soundstage with an unparalleled background silence.

Other enhancements are on/off switchable auto power down, on/off switchable feature lighting and stiff all steel vibration-controlled chassis with internal bracing. In addition, the amplifier showcases an updated, yet unmistakable Electrocompaniet design that will fit right in with all current and legacy Electrocompaniet products.

With all the changes and improvements made in the AW 300 M, one thing that hasn't changed is the unique Electrocompaniet sound signature.

From the first note of any familiar recording, you will be captivated by the AW 300 M and by the musical enjoyment it will give you.

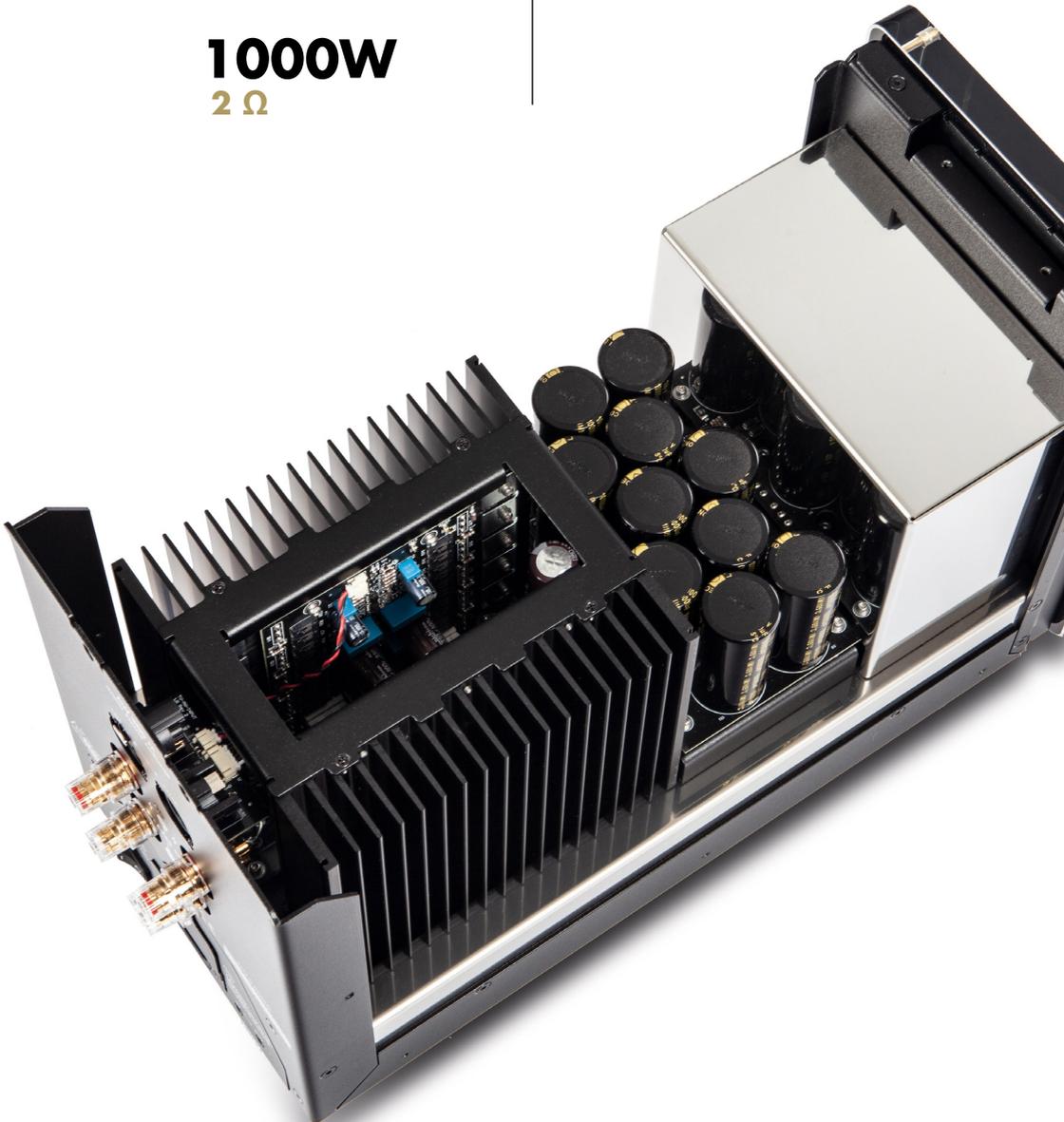
300W
8 Ω

600W
4 Ω

1000W
2 Ω

0,0006 %
THD+N

> 1000
Damping Factor



Technical specifications

Input impedance	330 k Ω
Frequency response (input filter active)	0.5 – 220 kHz
Frequency response (input filter disabled)	0.5 – 1.1 MHz
Voltage gain (balanced input)	29 dB (x28)
Input-referred noise (20-20 kHz)	< 2 μ V
SNR (ref. 1 W/8 Ω load, 20-20 kHz)	95 dB
SNR (ref. full power output, 20-20 kHz)	120 dB
Slew-rate (input filter disabled)	140 V/ μ s
DC output voltage	< 5 mV
THD+N	0.0006 %
IMD	< 0.001 %
Damping factor (8 Ω load)	> 1000
Power consumption standby	< 0.5 W

Rated Output Power Mono

8 Ω load	300 W
4 Ω load	600 W
2 Ω load	1000 W

Weight / Dimensions

Height/Width/Depth	29/21/49 cm 11.4/ 8.34 /19,21 in
Weight	30 kg / 66 lbs



*Features and specifications are subject to change without further notice.

Made In Norway
www.electrocompaniet.com