



ELECTROCOMPANIET

*If music really matters™*



## **AW 800 M**

*Mono / Stereo Reference Power Amplifier*

**Data sheet**

# A Legend Reborn

## The All-New

# Reference Amplifier

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The AW 800 M is Electrocompaniet's brand new, from the ground up re-engineered flagship power amplifier. It replaces the legendary AW600 NEMO as our most powerful monoblock amplifier.

A glance at this amp is enough to convey its power and performance capabilities, but when you hear it – you'll truly understand what it can do. The AW 800 M outputs 800 Watts of pure power into 8 Ohms in a single channel with a nearly imperceptible total harmonic distortion of amazing 0.0006%.

At 4 Ohms, the power is an astonishing 1500W. With our new 2x750VA toroidal transformers, electrostatically and magnetically shielded and the brand-new power supply, the AW 800 M can deliver 2200 watts into 2 Ohms!

An intriguing new attribute of the AW 800 M is the ability to switch between mono, stereo and bi-amping operating modes, enabling you to upgrade your system or change your configuration while retaining your initial investment.

Updates and enhancements are abundant in the AW 800 M. A 75% increase in filter capacity improves the performance of low-end frequen-

cies as well as increasing dynamic headroom.

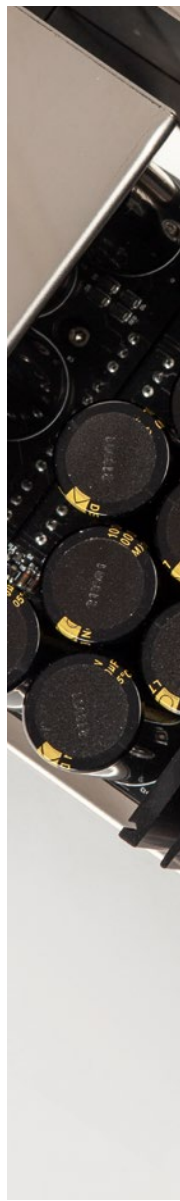
The AW 800 M also encompasses Electrocompaniet high open loop bandwidth topology, with fully discrete, very high bandwidth/high slew-rate and pure class A input circuitry, direct coupled – no capacitors in signal path.

It utilizes JFET and bipolar transistors, low noise metal film resistors and film capacitors with a total of 32 15A, 60MHz bipolar output transistors.

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 amp 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 800 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 800 M and by the musical enjoyment it will give you.

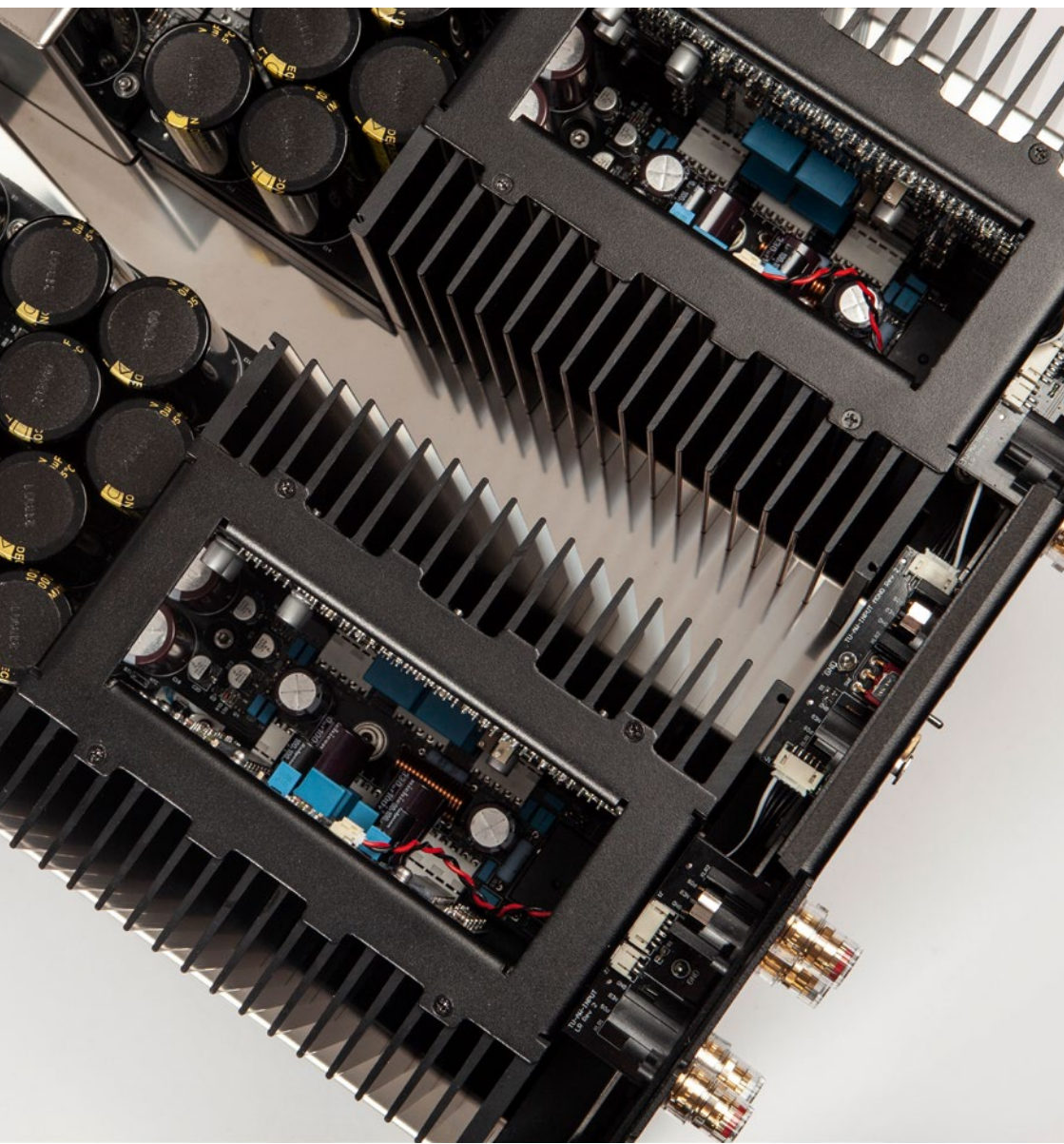


**300W**  
Stereo mode

**800W**  
Mono mode

**0,0006 %**  
THD+N

**> 1000**  
Damping Factor



## Technical specifications

Input impedance	330 k $\Omega$
Frequency response (input filter active)	0.5 – 220 kHz
Frequency response (input filter disabled)	0.5 – 1.1 MHz
Voltage gain (mono, balanced input)	35 dB (x56)
Voltage gain (stereo, balanced input)	29 dB (x28)
Input-referred noise (20-20 kHz)	< 2 $\mu$ V
SNR (ref. 1 W/8 $\Omega$ load, 20-20 kHz)	95 dB
SNR (ref. full power output, 20-20 kHz)	122 dB
Slew-rate (input filter disabled)	270 V/ $\mu$ s
DC output voltage	< 5 mV
THD+N	0.0006 %
IMD	0.001 %
Damping factor (8 $\Omega$ load)	> 1000
Power consumption standby	< 0.5 W

### Rated Output Power Stereo

8 $\Omega$ load	2 x 300 W
4 $\Omega$ load	2 x 600 W
2 $\Omega$ load	2 x 1000 W

### Rated Output Power Mono

8 $\Omega$ load	800 W
4 $\Omega$ load	1500 W
2 $\Omega$ load	2200 W

### Weight / Dimensions

Height/Width/Depth	30/41/49 cm
Weight	55 kg

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

Made In Norway  
[www.electrocompaniet.com](http://www.electrocompaniet.com)

