

# OVATION MA8

## Mono-Poweramplifier

**AVM**  
AUDIO VIDEO MANUFAKTUR



The OVATION MA8 delivers nearly any desired power level even into critical loudspeakers without loss of control. Far over 1000 Watts into 4 Ohms are surely sufficient for reproduction of any kind of music even when listening at original sound levels. Nevertheless this amplifier can also play at moderate levels without losing precision or missing even finest details.

The OVATION MA8 has been developed to satisfy even highest demands on reproduction of music. Forget about noise and distortion and enjoy its warm and powerful music reproduction – regardless which loudspeaker you use.

Its excellent musical quality comes together with a very worthy finish: The case is totally made of aluminum. The power transformers inside (2 x 1000 VA, 2 x 120 VA) are mounted into a shielding case that ensures that no mechanical hum or electrical stray fields can influence the electronic circuitry of the amplifiers.

The power supply consists of two 200.000  $\mu\text{F}$  Capacitor banks. The power amplifier itself is a balanced construction. That means two amplifiers in bridge connection. Each of the power amps has its own transformer and capacitor bank. The amplifiers use 24 output-FETs each and thus are able to deliver over 180 amperes - if needed. The input circuitry is also a balanced construction and offers RCA-Cinch (WBT-socket) and as well balanced XLR (Neutrik) inputs. The speaker terminals are finest WBT 0705 NEXT GEN sockets, naturally in bi-wiring configuration.

Besides that we have built in a brilliant blue VF display which informs you about the actual power (power bar) and the peak power (numeric). It is also useful to make settings via the intuitive menu system: Configuring the display (power bar & value display, peak power only and display off), setting the display brightness, setting the operating mode (permanent, trigger, auto, remote from preamp) and setting the actual speaker impedance (8, 4, 2 Ohms).

If sometimes you do not need full power, the OVATION MA8 can be switched to the power saving ECO-mode. This environment friendly mode reduces power consumption to about one third of normal mode.

## Technical Data OVATION MA8

Sensitivity Cinch:	2.1 V / 10 kOhms (1000 W / 4 Ohms)
Sensitivity XLR:	2.1 V / 20 kOhms (1000 W / 4 Ohms)
Output Power into 8 Ohms:	>600 Watts
Output Power into 4 Ohms:	>1100 Watts
Output Power into 2 Ohms:	>1800 Watts
Intermodulation 25 W / 4 Ohms:	< 0.01%
THD at 25 W / 4 Ohms:	< 0.005%
Transient intermodulation (TIM):	not measurable
Signal-to-noise-ratio (SNR) 25 W / 4 Ohms:	> 100 dB(A)
Frequency response:	0.3 Hz - >400 kHz
Load band width 25 W / 4 Ohms:	0.3 Hz - >400 kHz
Rise time at 4 Ohms:	1 $\mu$ s
Slew rate:	> 200 V / $\mu$ s
Damping factor (8 Ohms):	> 400
Power supply:	230 V or 115 V / 50/60 Hz / 3500 VA max
Power mode without signal:	150 VA
ECO-Mode without signal:	50 VA
Stand by:	<1 VA
Dimensions (L x W x H):	420 mm x 435 mm x 250 mm
Weight:	42 kgs (per piece)

