EVOLUTION MA3.2

Mono-Power Amplifier with 420 Watt

Technical Highlights EVOLUTION MA3.2

- Balanced and unbalanced inputs
- Bi-Wiring-speaker terminals
- 2 separate power supplies for input section and output stages
- 750-VA-Transformer and over 50.000 µF filter capacity
- High Efficiency Class-D Power amplifier stage with 420 W
- Intelligent protection circuits monitor DC, overheat, short circuit
- NF-controlled on/off and trigger input (on/off)
- Comfortable on/off function in conjunction with AVM PreAmps
- Environmentally friendly standby power consumption below 1 Watt
- Case made of solid aluminum anodized in silver or black, chrome front available (option)

A stunning sound quality unheard of in this class combined with enormous power and a reduce-to-the-max design make heads turn for the MA3.2. Perfectly machined and handcrafted aluminum cases make the MA3.2 an esthetic appearance. Two MA3.2 combined will add up in width to just all other EVOLUTION components like the PA3.2 or CD3.2. Standard versions are aluminum silver or black, a chrome front may be supplied as an option.

The MA3.2 may be connected balanced or unbalanced to matching preamplifiers. In conjunction with AVM preamplifiers like the PA3.2 a comfortable on/off management for the system is in place and handled via the audio connectors without additional cables i.e for the DC-trigger needed.

Separate power supplies for the input and output stages of the MA3.2 ensure a signal processing and handling without any loss in fine details. All signal paths are logically arranged and represent the shortest possible signal path. Class D Amplifier output stages drive all speakers available in the market with ease and extreme control related to the amplifiers high damping factor.

The high efficiency switching amplifier translates incoming music signals to the loudspeaker with an efficiency of over 90 %. Relatively to the music signal very little dissipating heat is produced. The MA3.2 may drive all categories of loudspeakers with ease, even speakers with low efficiency or with very low impedance.

Like all AVM hi-fi components the MA3.2 is carefully developed and assembled by our engineers in Malsch, Germany. Our vendors for housing and electronic parts reside all near-by. This proximity helps us to easily ensure and maintain superb quality level of the supplied parts for the AVM hi-fi components made of these.

During the manufacturing process we perform repeatedly numerous tests to insure the absolute quality of our products. When the assembling is finished and the first inspection is done all units must pass a run in test in order to prove their reliability. After that a careful final inspection follows before packing & shipping. All this ensures creating a perfect product from AVM for our customers.

Technichal Data EVOLUTION MA3.2

Input sensitivity	625 mV (for 25 W / 4 Ohm)
Input impedance Cinch	10 kOhm
Input impedance XLR	10 kOhm
SNR (25W in 4 Ohm)	100 dB / 104 dB(A)
Intermodulation (25 W/4 Ohm)	< 0,1 %
Frequencyrange	< 5 Hz - > 50 kHz
Damping factor	>200
Rated Power	420 Watt (4 Ohm) / 220 Watt (8 Ohm)

General

Power supply	120V/60Hz, 230V/50Hz
Power consumption (max.)	750 W
Standby	<1 W
Dimensions (W x H x D)	210mm x 100mm x 380mm
Weight	12 kg