

NAGRA CLASSIC AMP

High power solid-state stereo amplifier



Official launch
HIGH END 2015
in Munich

Power and control

2x100 Watts of pure musicality



The Nagra CLASSIC AMP was designed for extremely high quality installations, which require high power while maintaining a perfect musical delivery of the Watts.

The unit operates in pure class A over a very large power band and beyond in class AB. Each of the output stages is based on tandem MOSFET transistors of exceptional characteristics. Generally, assembly of an equivalent output stage requires several pairs of transistors, which is difficult to achieve precisely. The simplicity of the CLASSIC AMP's design is the key to its musicality. The input and driver stages also contribute equally to the overall performance and precision.

The Nagra CLASSIC AMP is characterised by its stability, irrespective of the loads placed upon it. The power circuits drew particular care in the design stage. They are based upon an innovative concept: An over-dimensioned transformer and a diode bridge are placed upstream of the PFC decoupling stage, used to actively correct the power factor. The filtering is achieved with a bank of capacitors, totalling 300 000 μ F.



This supply concept, which ensures efficient energy transfer, allows immediate reaction on even the most abrupt transients.

The Nagra CLASSIC AMP is fitted with a traditional Nagra Modulometer on the front panel, showing the power of each output channel. An LED is also fitted to indicate saturations, excessive temperature and Mute. The amplifier is equipped with balanced and unbalanced inputs and in IN/OUT trigger function. It can be used in a bridged configuration, giving 1x 200 W into 8 Ω , and can also be used in a bi-amplification configuration if desired.

SPECIFICATIONS

Power: 100 W RMS per channel into 8 Ω **Sensitivity:** 1 V or 2 V RMS
Bandwidth: 10 Hz to 80 KHz, +0/-3 dB **THD+N:** < 0.05%
Crosstalk: >70 dB **Signal-to-noise ratio:** Typically 110 dB, ASA "A" weighted **Input impedance:** >100 K Ω **Automatic start:** For input level >10 mV **Protection, deactivates the amplifier:** Overheating > +60° C (140° F); DC speaker protection above \pm 2.5 VDC
Consumption: 400 W max, less than 1 W in standby and Auto mode
Weight: 18 Kg (39 lb 10 oz) **Size:** 277 x 395 x 174 mm (11 x 15½ x 7")
Operating range: 90 - 110 V or 110 - 132 V or 180 - 264 V a.c. 50 / 60 Hz.