

Quovalis

monaural power amplifier

Natural Sound circuits
High grade components
High current capability
Bi-wiring and multi-amplification facilities
Simplicity and refinement

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Developed from the famous Quasar and Novalis models, this stereo power amplifier is intended for very high grade systems, and has the potential to deliver the highest levels of musical realism. With its very stable amplification stages and a power supply using multiple and regulated circuits, the Quovalis is unconditionally stable in driving all types of loudspeaker, including electrostatics. Able to deliver high current levels and a power of 70 watts rms into 8 ohms, Quovalis can satisfy the most demanding requirements. Bi-wiring and multi-amplification applications are greatly facilitated by the provision of two sets of speaker terminals and a line output socket mounted on the rear panel. The amplifier incorporates automatic protection against electrical mishap. A standby switching facility allows the most sensitive stages to remain powered with a minimal current without the current drain which would result from leaving the full amplifier permanently powered.

Closer to
a natural sound

ISEM
a u d i o

Pour une restitution
naturelle du son

A unique concept

The power supply is the foundation of the amplifier. A massive toroidal provides the energy to the output transistors.

The structure of amplification stages is unique. Exceptional broadband linearity, low distortion and low noise floor enable the Quovalis to operate with a low feedback. Thanks to unique layout and a clever use of SMD technology, electrical and sonic performances are quietly better than most of conventional electronics.

Output stages use extremely fast and high current bi-polar transistors. These devices are directly mounted on the main board, close to the storage capacitors.



At the centre of a symmetrical display panel, the OTC button allows the full control of the unit. Beyond the 4 mm thick front panel, a micro-controller monitors all the operational functions.

All the components are professional grade and printed circuit boards are gold plated.

Bi-wiring and multi-amplification are facilitated by the provision of two sets of speaker terminals and a line output socket.

Finally, the timeless ergonomic design is highlighted with a sumptuous finishing.

Technical features

Output power :	70 W rms 140 W rms	@ 1000 Hz, continuous into 8 ohms @ 1000 Hz, continuous into 4 ohms
Input sensitivity :	850 mV	@ 1000 Hz, for rated power into 8 ohms
Input impedance :	50 kohms	@ 1000 Hz
Signal to noise ratio :	110 dB	Unweighted, rated power into 8 ohms
Distorsions :	< 0,05 % < 0,05 %	Harmonic distortion, rated power into 8 ohms, 20 Hz à 20 KHz Intermodulation distortion, rated power into 8 ohms, 20 Hz à 20 KHz
Frequency response :	0 Hz - 250 kHz 0 Hz - 50 kHz	Rated power into 8 ohms, 0,5 dB attenuation Rated power into 8 ohms, 0 dB attenuation
Rise time :	1 µs	@ 10 KHz, rated power into 8 ohms
Feedback :	25 dB	20 Hz - 20 kHz
Damping factor :	> 600	@ 1000 Hz, rated power into 8 ohms
Mono analog input / output :	(1) Cinch/RCA input (1) Multi amplification Cinch/RCA output (1) Main speaker output (1) Bi-wiring speaker output	
Power requirements :	(1) IEC - standard AC mains socket - factory set for destination country only	
Power consumption :	6 VA / 14 VA	Standby mode / operating mode
Dimensions :	240 x 100 x 400 mm	W x H x D (9,45 x 4,00 x 15,80")
Weight :	6,0 kg	(14 lb)
Functions :	Error detection simplified connection	Speaker protection circuit multi amplification, bi-wiring
Options :	universalis remote control handset Equipod decoupling set	