

norma  
AUDIO ELECTRONICS

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REVO

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**NORMA REVO IPA-70B**

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Thanks to a meticulous engineering process and a ten year experience gained in producing audio electronics, Norma is pleased to present its new model, the **REVO IPA-70B**. This new integrated amplifier is born from the challenge to offer sophisticated product design, high level build quality and sonic performances at an absolutely affordable price. We believe the **REVO IPA-70B** represents one of the best examples of what Italian creativity, passion and love for music can do. Beyond the numerous and important technical aspects, the main goal of the **REVO IPA-70B** is to offer a refined and pleasant listening experience unknown in this range of the market to date.

The ability to faithfully and naturally reproduce the most subtle and most refined evolutions of the musical signal

(both at high and low listening volumes), along with transparency, quickness, great dynamics, great versatility and capability to drive even the most critical speakers are all characteristics that are not usually expected from a small sized amplifier: the **REVO IPA-70B** has them. Its style is the result of a specific Italian experience in design, a synthesis between technology and pleasure of forms. As if moulded by an electrical flow across them, the new volumes, by means of harmonic dialogue between stiffened lines and soft feeders, appear essential while still full of dynamic strength.



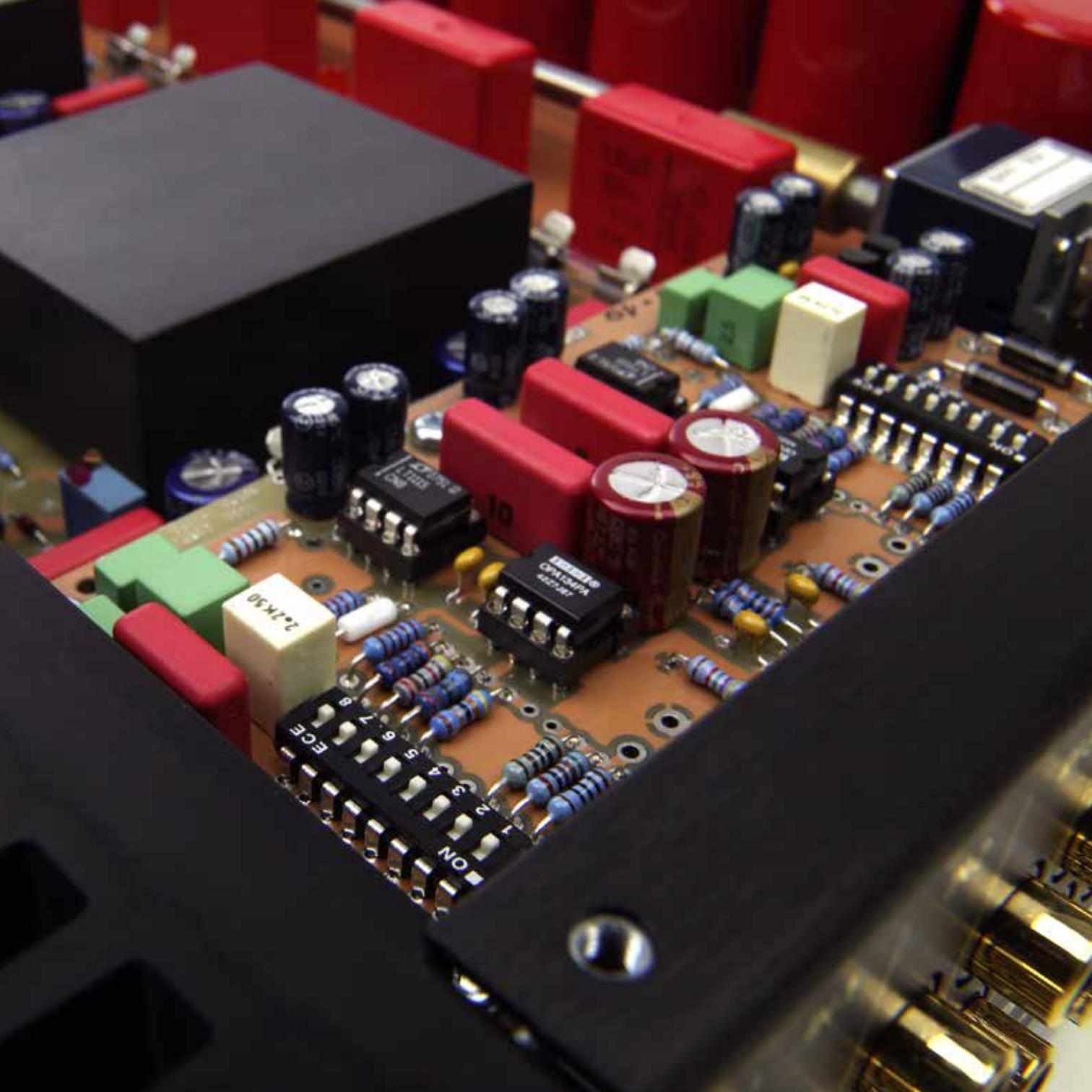
Norma is based in Cremona, Italy.

The city and its surroundings are well known all over the world for being home to great composers as Monteverdi and Ponchielli, and to famous violin makers such as Stradivari, Amati, Guarneri and many others. As of today, more than 100 violin makers' shops are found in the ancient roads of the city. In this inspiring context, where music permeates everything, for more than 20 years Norma has been involved in the study and implementation of sophisticated audio amplifiers, where technical skills and musical sensitivity must be merged together, in the same way the best musical instruments are made.

The result of this endeavor is a unique sound, which represents a synthesis of parameters usually set one against each other: dynamics, speed, and absolute transparency are combined with extraordinary musicality and total lack of listening fatigue.

The struggle between solid state and valves is finally overcome, as is the concept of reproduction.

Norma brings the listener to an intimate relation with the original event.



#### Technical Features:

- Extreme low noise, high speed, wide band circuit topology ( $>1$  MHz).
- High current MOS-FET power devices (100 A output peak current).
- 8 power devices for a total rated 1000 W power handling capability.
- Selected and matched semiconductors for left and right channels.
- PCB Board with wide ground plane.
- Separate ground plane power supply for Gain, Driver and Output stage.
- High speed, low noise regulated power supply for gain and driver stages.
- High filtering capacity with numerous low impedance capacitors.
- Full aluminium non-magnetic frame.
- Toroidal power transformer especially designed for audio applications. Low dispersion flow, low mechanical noise, high permeability magnetic core with consequent low output impedance.
- Very effective DC protection.
- Versatile inputs/outputs (Direct Input for Home Theatre, Tape/External processor Output)
- Input selection done by relay with GOLD/PALLADIUM contacts.
- Automatic microprocessor stand-by, which removes the possibility of interference on analog signal.
- All functions controllable by included remote control, including two-speed volume control (Fine and Fast).

#### Optional Features:

- High Resolution USB input, 24/192, DSD compatible.
- High Quality phono stage, for MM and MC pick-up
- Optional Remote, machined from a full block of aluminium, controls all Norma products.

"Upon request, the REVO IPA-70B is also available in black anodized finish"



#### Technical Specifications:

- Inputs: 4 Line RCA, 1 Direct (AV) IN, 1 Phono MM/MC (optional), USB (Optional) USB and Phono option not simultaneously mountable.
- Inputs Impedance: 10 Kohm
- Outputs: Tape Output
- Phono: MM / MC
- Phono Input Impedance: 47 Kohm, 1 Kohm, 500 Ohm, 100 Ohm, Spare
- Phono Gain USB Input Specifications: 34 dB, 38 dB, 42 dB, 46 dB, 50 dB, 52 dB, Spare up to 24 bit, 192 KHz, DSD compatible
- Outputs Speakers: 2 pairs for main outputs
- Frequency Response: 0.1 Hz – 1 MHz (-3dB)
- Configuration: Solid state
- Output Power: 70 W RMS / 8 Ohm - 140W RMS / 4 Ohm (each channel)
- Gain: 34 dB
- Supply: 230 V AC / 50 Hz, (100V AC or 115 VAC / 50-60Hz in some country)
- Dimensions (HxWxD) : 75 x 430 x 350 mm
- Weight: 15 Kg
- Note: Specifications subject to change without notice





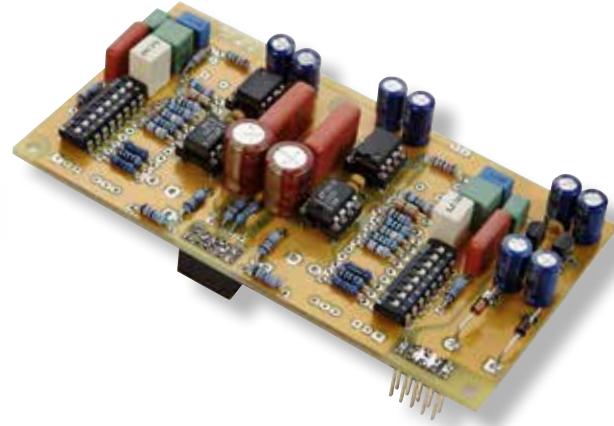
Front view



Rear view



Top view



Optional Phono board



Optional USB board



The amplifying section and the regulated power supply are housed in a single circuit board. This has almost entirely eliminated the internal wiring and kept the signal path as short as possible. Large areas of ground plane achieve optimum shielding and reduction of ground impedance. The amplification circuitry, fruit of long experience and intensive testing, is contained in two proprietary modules, completely realized with discrete components.

The connections are very versatile: Line Inputs, Phono, USB, AV Direct Input, Tape Output. Ready to meet any need.

*"This highly musical, analytic, aerial, powerful and lively amplifier, at the point that even little speakers with mid-to-low efficiency are awakened, needs to be listened to before considering any other purchase. The attention to technical details is found back when listening, having the sensation that the high musicality vastly justifies the price."*

Philippe David, Haute fidelite



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