

norma  
AUDIO ELECTRONICS

⊙ 1 2 3 4 5 USB

**NORMA REVO IPA-140USB**



The Norma REVO IPA-140 integrated amplifier represents a definitive choice for amplification.

Its high power (140W/80hm) and the ability to drive the most demanding speakers make it an extremely versatile amp.

This property is enhanced by the ability to customize the input/output connections and to add as optional both the Phono MM / MC board and the high resolution USB DAC board. The elegant and sophisticated external and

internal workings perfectly match the sonic qualities of the product, conveying the same sense of power, dynamics, speed and transparency this amplifier delivers to the speakers. The REVO IPA-140 uses low noise proprietary circuitry, regulated high-speed power supply, and is built with a careful selection of the best materials available.



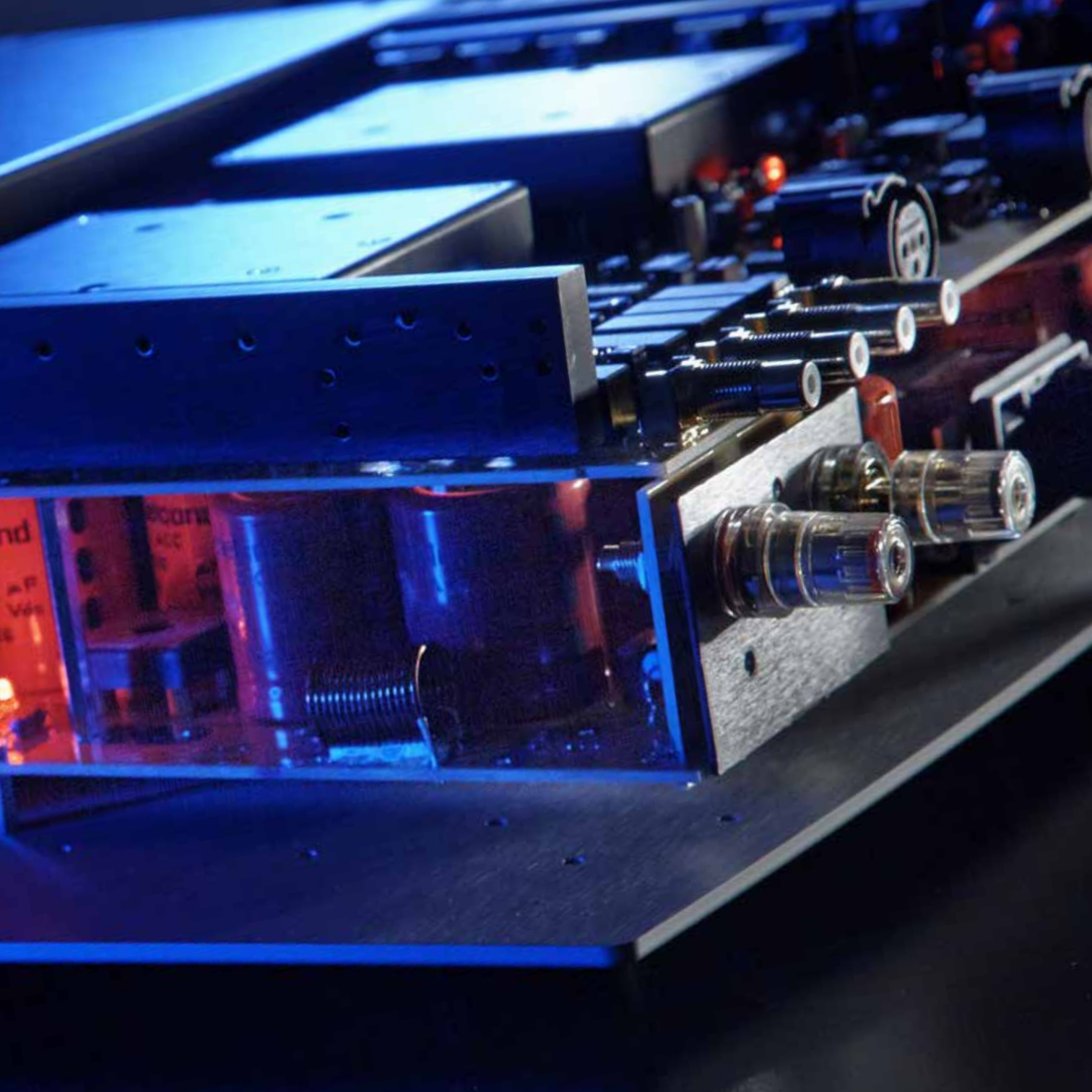
Norma is based in Cremona, Italy.

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 ( >2 MHz ).
- High current MOS-FET power devices (150 A output peak current).
- 12 power devices for a total rated 1.500 W power handling capability.
- Separate power supply for Gain, Driver and Output stages.
- High speed, low noise regulated power supply for gain and driver stages.
- High filtering capacity (70.000 uF) with numerous (24) low impedance capacitors.
- Full aluminium non-magnetic frame.
- 2 toroidal power transformers especially designed for audio applications. Low dispersion flow, low mechanical noise, high permeability magnetic core with consequent low output impedance, 2 x 400 VA.
- Very effective DC protection.
- Customizable inputs/outputs (Direct Input for Home Theatre, active or passive Pre Output for subwoofer or Bi-Amping)
- Input selection done by relay with GOLD/PALLADIUM contacts.
- Solid core gold plated RCA plugs.
- 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 dual mono 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-140 is also available in black anodized finish"

#### Technical Specifications:

- Inputs: 4 RCA, 1 XLR Balanced, USB
- Input Impedance: 10 Kohm
- Input Configuration: Phono MM/MC, Line, Direct AV, Balanced
- Output Configuration: Pre Out Passive, Pre Out Active, Tape Output, Subwoofer Output
- 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
- Speaker Outputs: 2 pairs for main outputs
- Frequency Response: 0.1 Hz – 2 MHz (-3dB)
- Configuration: Solid state, Dual Mono
- Output Power: 140 W RMS / 8 Ohm - 280W RMS / 4 Ohm (each channel)
- Gain: 34 dB
- Supply: 230 V AC / 50 Hz, (100V AC or 115 VAC / 50-60Hz in some countries)
- Dimensions (HxWxD): 125 x 430 x 430 mm
- Weight: 25 Kg
- Note : Specifications subject to change without notice





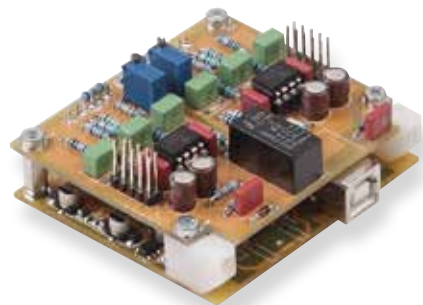
Front view



Rear view



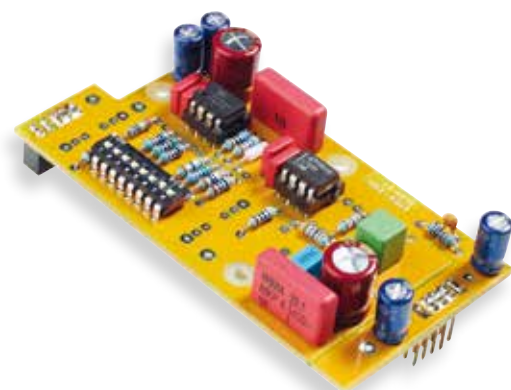
Top view



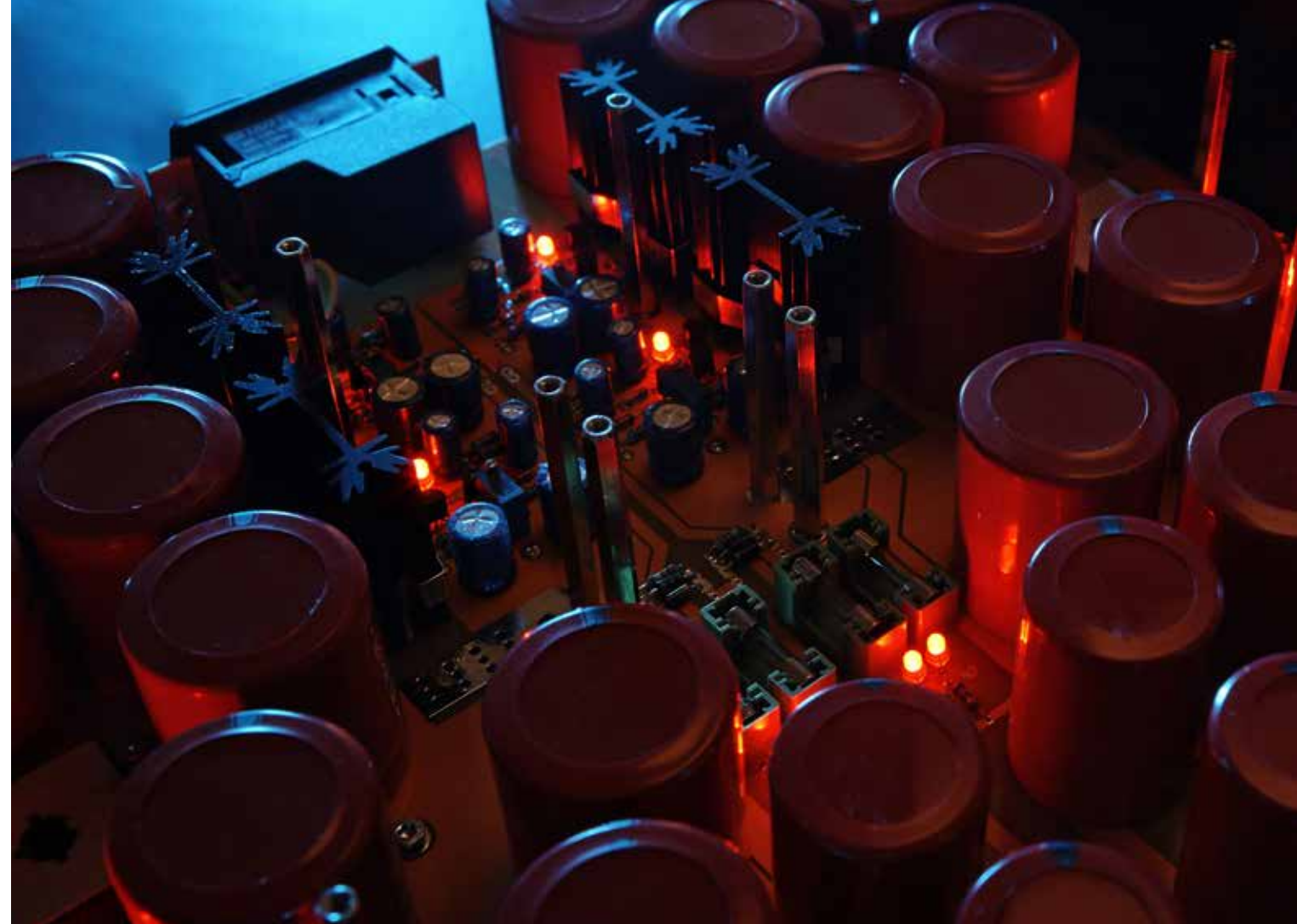
Optional USB board



Optional Remote Controller



Optional Phono board

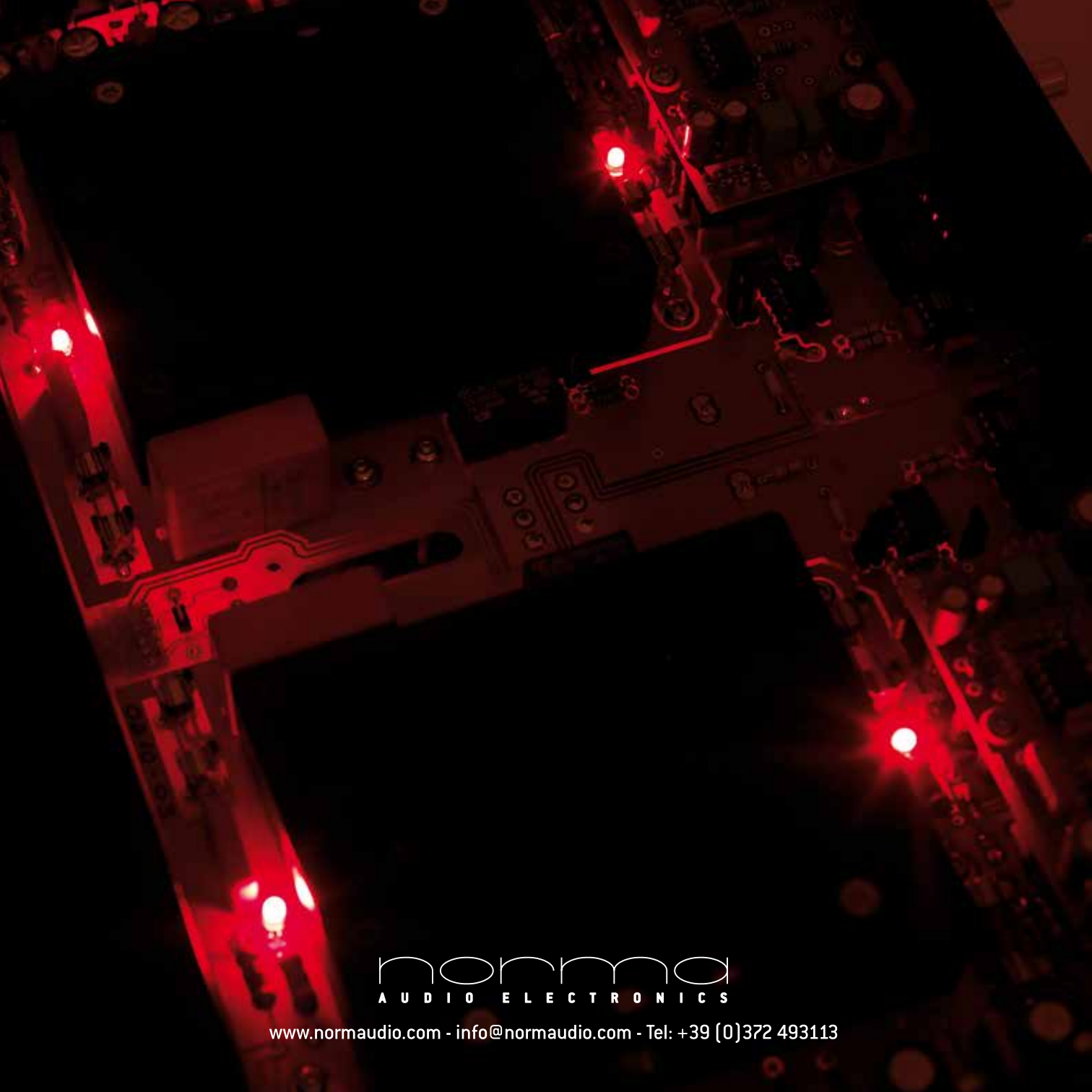


**The internal construction, extraordinarily symmetric and organized, completely eliminates the traditional wiring, keeping the audio signal paths as short as possible.**

*"The amplifier consists of two boards, mounted one over the other. The bottom board houses the regulated power supply, and filtering capacitors for power devices, while the upper board hosts the amplification stage."*

*"The result of this powerfully built design is an amplifier of rare refinement and subtlety... I think for many, to try it will be to love it."*  
**Alan Sircom, Hi-Fi + Magazine**

*"There must be a law that decrees that everything made in Italy must at least look beautiful, and the Revo IPA-140 doesn't disappoint... the IPA-140's sound was muscular, but with a delicate touch."*  
**Uday Reddy, SoundStage! Hi-Fi**



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