



A y r e MX-R mono amplifier

Ayre **MX-R** *mono amplifier*

The Ayre MX-R takes amplifier design in a bold new direction. Building on our tradition of creative innovation and fresh thinking, Ayre's design team has completely re-examined each individual detail, from the most minute circuit element to the chassis itself. Two years of fundamental research and meticulous listening tests have yielded the MX-R; the analog amplifier distilled to its pure essence.

Its striking lines have a tangible finesse, immediately establishing a visual icon. An original perspective on functional topology produces a compact design that allows for unlimited versatility in placement. Our unique lenticular finish creates a luminescent quality, adding a timeless elegance to any environment.

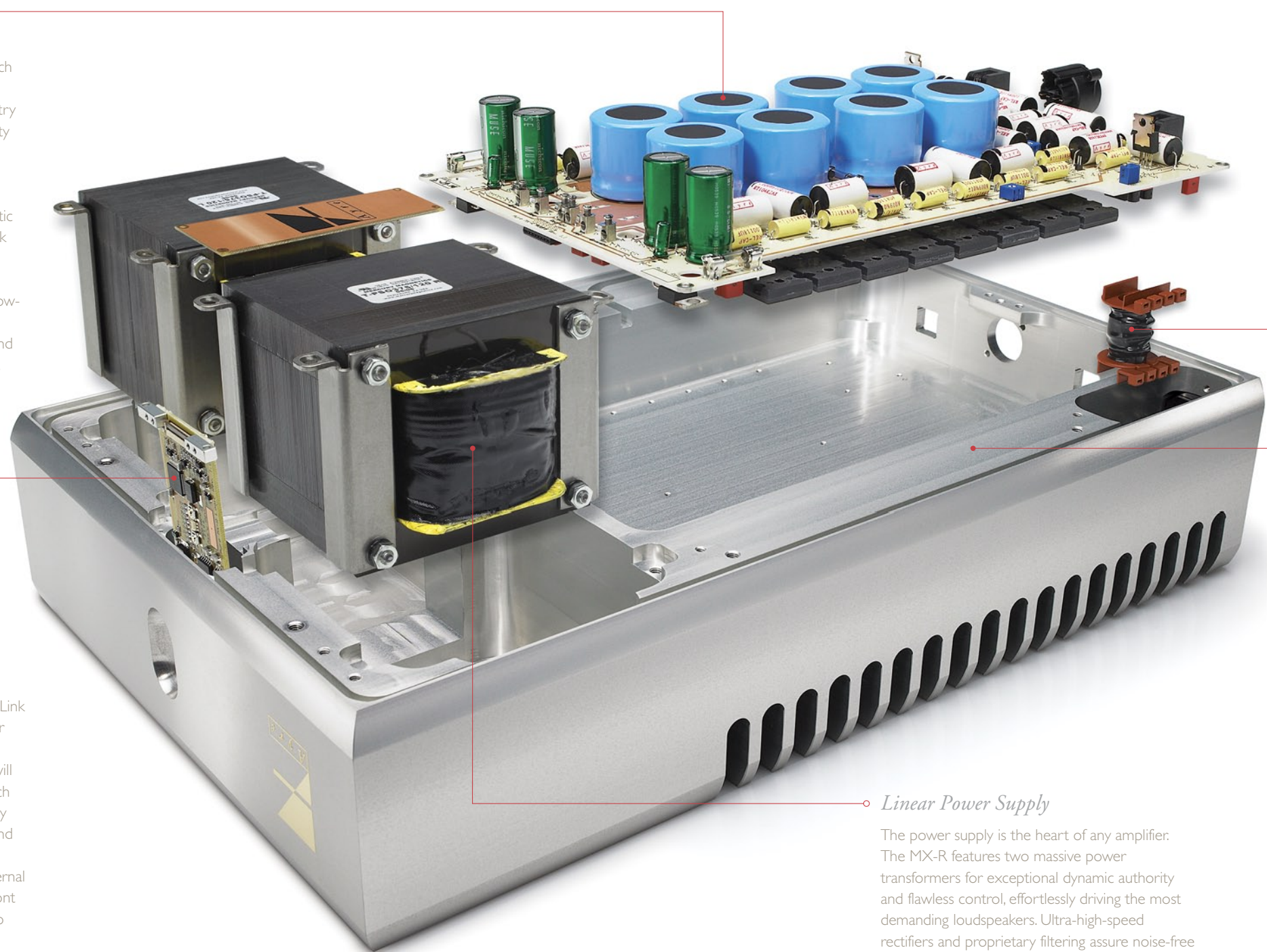
But its beauty isn't merely skin deep. Transcending the limitations of conventional designs, the MX-R liberates your musical library. Its unprecedented linearity and time coherence reveal the emotional essence of every album in your collection, regardless of its recording quality. Each composition becomes more involving and enjoyable than ever before. Elevating the art of amplification to a new level, the MX-R will change the way you listen to music.

Audio Circuit Board

Our exclusive EquiLock circuit stabilizes the operating point of each active gain device, enhancing the zero-feedback, fully-balanced circuitry for an unprecedented level of clarity and resolution. Newly developed ThermalTrak transistors ensure that the output stage is optimally biased in real time, delivering realistic sound quality regardless of playback levels. This advanced technology is implemented using the finest materials available, including ultra-low-loss circuit board material, custom developed audio-grade resistors, and proprietary polystyrene capacitors.

Logic Circuit Board

A sophisticated microprocessor controls and monitors the MX-R. For the ultimate in luxury, the AyreLink communication system provides for integrated operation of your audio system. Linked Ayre components will turn on automatically with the touch of a single button, while signal purity is maintained with opto-isolators and a special "sleep" mode for the microprocessor. The amplifier's internal status is clearly displayed on the front panel's color-coded LED, which also serves as the Standby switch.



Ayre Conditioner

Keeping its cool in the noisiest of environments the Ayre Conditioner dissipates high-frequency power line interference as harmless thermal energy, delivering pure AC power to the circuitry. Built entirely from non-magnetic materials, its stable performance will always provide clean current for a deeper and richer sonic experience.



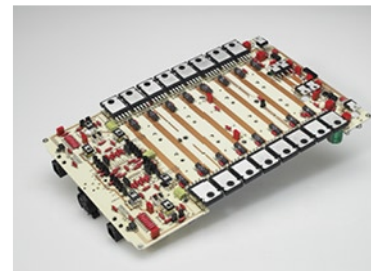
• Precision computer-controlled milling machines ensure absolute dimensional accuracy.

Solid Aluminum Chassis

The unique monocoque architecture joins the chassis and the heat sink into a single elegant structure. Each chassis is machined from a single seventy-five pound block of aerospace-grade alloy, creating a rigid mechanical foundation with optimal shielding that maximizes the performance of the internal circuitry.



• The AyreLink system uses readily available RJ-11 modular telephone connectors.



• The fully discrete audio circuitry features 16 high-power ThermalTrak output devices.

Linear Power Supply

The power supply is the heart of any amplifier. The MX-R features two massive power transformers for exceptional dynamic authority and flawless control, effortlessly driving the most demanding loudspeakers. Ultra-high-speed rectifiers and proprietary filtering assure noise-free conversion for a jet-black musical backdrop.

Specifications:

- Power: 300 watts continuous (8 Ω load)
600 watts continuous (4 Ω load)
- Gain: 26 dB
- Input Impedance: 2 M Ω (1M Ω per phase)
- Frequency Response: DC – 250 kHz
- Power Consumption: 45 watts in standby mode;
120 watts in operating mode, no signal
- Dimensions: 11" W x 18.75" D x 3.75" H (28cm x 47.6cm x 9.5cm)
- Weight: 52 pounds (23 kg)

pure analog...



Universally recognized as a leader in the industry, Ayre Acoustics, Inc. has been designing and building superior quality, award-winning audio and video equipment since 1993. Our full line of components set new standards for innovation, value, and performance. Each product is carefully hand-assembled in Boulder, Colorado by a team of dedicated technicians, using only state-of-the-art materials and techniques. Quality control is assured by a rigorous testing procedure as well as a thorough inspection process. Ayre offers a comprehensive warranty policy, and our service and support are unsurpassed. Our environmentally responsible manufacturing processes include the careful selection of equally conscientious American suppliers.

Our mission is to create audio and video systems that provide a lifetime of excitement and discovery. Combining stunning realism with exceptional clarity, Ayre components offer a natural, relaxed presentation that draws you into your favorite music and films time and time again. Every design detail is focused on a single aim—unprecedented musical and cinematic delight. Enter the world of Ayre and enter a new world of artistic insight and experience.

