

P R I M A R E

R20 MM-MC amplifier

If you have a precious collection of recordings on vinyl records, and your system includes a high-quality turntable, tone arm, and pick-up cartridge, the R20 MM-MC Amplifier provides the ideal interface between the low-level output provided by the cartridge and the line-level inputs provided by a modern sound system.

Moving-magnet or moving-coil cartridges

The R20 accepts either moving-magnet or moving-coil type cartridges. Gain and impedance can be adjusted for the optimum match between the cartridge and preamplifier. An additional increase in gain can be achieved by fitting an internal jumper inside the unit, for use with a very low output moving-magnet cartridge.

Audiophile circuit design

The R20 sensitive circuits consist only of discrete components from the finest Japanese and American semiconductor companies such as Toshiba, Burr-Brown and Fairchild. Leaded components and 1% metal film resistors are used throughout the amplifier for their sonic excellence and low noise. The dual-mono design philosophy has been considered wherever possible.

The output and input RCA connectors are gold plated with Teflon insulation giving the best possible signal transmission for the delicate low level signal provided by the cartridge.

Clean power supply for the best possible performance

A special winding technique has been used to manufacture the R20 mains transformer in order to minimise magnetic leakage. The windings are evenly wound and the whole transformer is coated in an iron cover, which is grounded by a special cable. For lowest possible magnetic disturbance, the position of the transformer is finely adjusted by Primare's engineers. The transformer contains separate windings for left and right channel supplies which then are rectified and individually regulated in four steps for all the different voltages required by the R20. Low impedance capacitors from Elna are used in sensitive positions.

Using the R20 with other Primare components

Although the R20 is configured to match line-level inputs of any high-quality preamplifier, it is ideal for use with the Primare I21, I30 or PRE30 designs.

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