

Phono Preamp

12

»The 100 model is the best phono preamplifier that I have ever been privileged to hear. In every respect. A great musical experience.«

HIFI & RECORDS

Burmester's 100 phono pre-amplifier is a real must for all devotees of analog listening and harks back to the success of the 838 phono preamplifier in the 1980s. The net result is a return to the roots of the Burmester success story plus the state-of-the-art technology of the 21st century. The 100 phono preamplifier was designed to give vinyl lovers the very best in listening pleasure and to enable

them to make digital backup copies of their vinyl musical treasures. The 100 phono preamplifier conjoins specially selected parts, circuit technology, precision engineering and perfect analog sound. In other words, it is the best combination in the world of sophisticated analog signals processing and applied technology. This preamplifier makes it possible to create high-resolution and high-quality

copies of an analog collection of vinyl LPs and transfer them to a server, to a hard disk, or directly to a CD burner. The extraneous voltage that causes white noise, humming and distortion is down to the lowest possible level. The phono preamplifier's performance metrics reach the theoretical and practical minimum, and are currently – and will probably remain – state-of-the-art for a long time to come.



100 PHONO PREAMPLIFIER

TOPLINE

In the full configuration the 100 phono preamplifier has two symmetrical phono ports (XLR 3pol. female), which are available as MC and/or MM versions. This makes it possible to attach record players with two pickup systems or to attach two record players simultaneously with different pickup systems (MM/MC). The 100 phono preamplifier automatically detects the MC or MM module and is thus very simple to operate.

Since the input resistance of an MC cartridge is adjustable, it is possible to discover the optimal impedance level for every pickup system. This is also true of the adjustability of the

input capacity of an MM pickup system. The input impedance circuitry makes use of relays. By taking the shortest possible signal paths it is possible to reduce interference couplings to an absolute minimum. In order to attain an optimal adjustment of levels and volume, a range of six settings for selecting the input sensitivity of each module is available.

A special feature of the new 100 phono preamplifier is the AUTO ADJUST function. This means that by merely pressing a button you can automatically balance the channels of the pickup system to a 0.2 dB

(2 %) level of accuracy and with a channel inequality of 6 dB.

The DC-coupled signal path omits coupling capacitors, since they can cause interference, and this leads to very precise bass reproduction. There is no phase shift in the audible part of the range. The optional A/D converter module with its USB and S/PDIF output ports enables the new 100 phono preamplifier to produce digital versions of analog vinyl recordings. In other words, you can archive your vinyl collection by burning them on CDs or adding them to your music server.

[TECHNICAL SPECIFICATIONS P.85](#)

