

## PC-1UL MC PHONO CARTRIDGE

**A step forward to the perfection!**

For the manufacturers of MC type phono cartridges, High energy under Low impedance has been an eternal thesis, which was successfully solved in the form of the PC-1 thanks to development of our exclusive ultra-hi- $\mu$  core material SH- $\mu$ X.

Our target having been focussed on furtherance of lower impedance, now proudly introduced is the PC-1UL offering an astounding inner impedance as low as  $1\ \Omega$ . To make this possible, on top of the epoch-making SH- $\mu$ X we employed thicker wires (from  $40\ \mu$  up to  $55\ \mu$  in diameter), thus succeeding in reducing winding number in the coil by as much as 40%.

The further advantages thus achieved are:

1. Expansion of reproduction bandwidth
2. Extension of dynamic range
3. Improvement of transient characteristics
4. Betterment of phase characteristics (smaller phase shift)

In terms of playback music, expansion of both of the bandwidth and dynamic range provides clearer, life-like soundstage presentation, whilst improvement in transient and phase characteristics makes it possible to separate ultra heavy bass range and to offer higher resolution in orchestral performance, thus enabling to hear individual instruments.