



## Phono Preamp MASTERLINE 7



The HSE Reference Phono Preamp 7 represents the pinnacle of Audio Engineering here shown on its anti-vibration support stand.

Twelve HSE discrete Class A Gain-stage and two Zero ohm Class A ultra-low noise Head amps guarantee best possible audio performance.

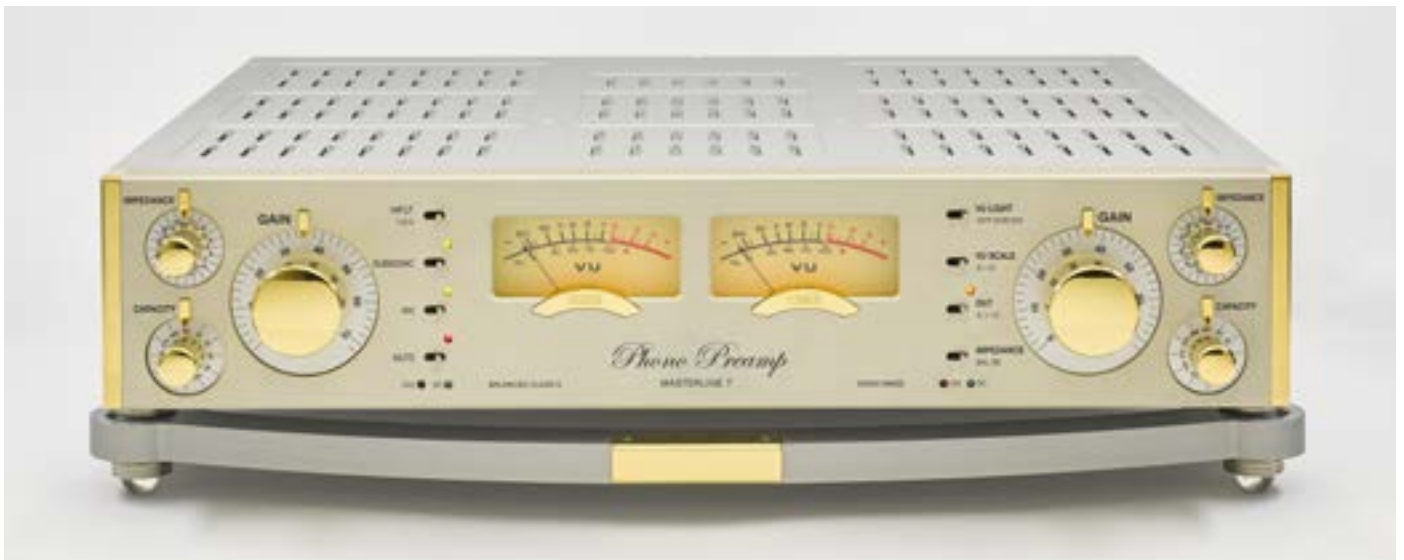
For uncompromising EMC shielding, the case of the Preamp 7 is milled from a solid aluminium block, protecting the electronics with a 20mm strong housing. Engineered for a life expectancy of at least 30 years, only the highest quality handmade Swiss components are utilised.

Gold plated dials allow the adjustments of the Dual Mono Preamp for each channel individually. Each device passes a 2 week continuous hardening and maturing test to reach the finest sound quality.

All electronic components are hand-selected and matched up to 0.1% maximum variance.

To reach the ultimate uncompromising sound, only the industries best components, from ELMA, Goldpoint, NKK, Panasonic, WIMA, Neutrik, Schurter, and HSE in-house wound coils are being used.

The Audio signal passes our proprietary HSE silver-terflon wiring and the oversized torroial transformer featuring static and magnetic shielding. The Impedance selector is optimized for the industry leading Benz, Lyra, XYZ, Ortophon pickups. The unique extensive gain range of the Preamp 7 equally supports all alternative pickups of choice, no matter how minimal their output levels.



When highest Swiss quality engineering meets Italian design.

## TECHNICAL DATA

INPUTS	3 balanced
OUTPUT	1 balanced (24dBu)
GAIN	0.. 82* dB, 1 kHz (37 position) * higher gain on request
Impedance	7.5 .. 1k2 ohm & 47 kohm (24 position)
Capacity	33pF .. 680pF (12 position)
Noise EIN	-144 dB BW 22Hz .. 22kHz (49.8 nV)
RIAA	passive balanced +/- 0.05 dB
THD	not measurable
Freq. response	1.5 Hz .. 150 kHz
Crosstalk	>120dB
Headroom	>24dB
Subsonic	passive balanced 15 Hz, 18dB/oct
Functions	MUTE, phase, Overload Ind. Ground lift
Architecture	Fully balanced Class A, discrete, high voltage, dual mono
Case	Aluminium milled 20mm, champagne
Power	100/115/230V 65 Watt
W/D Brutto	Flightcase: 27kg / 780 x 560 x 240 mm
W/D Netto	ML-7: 14 kg / 446 x 88 x 410 mm ext. PSU: 2.5kg / 110 x 115 x 280 mm

