

MAD Ear+ Purist HD150 Special Edition Headphone Amplifier



The 150th unit in the Mapletree Ear+ line is commemorated with a special limited edition of the Purist HD. It features:

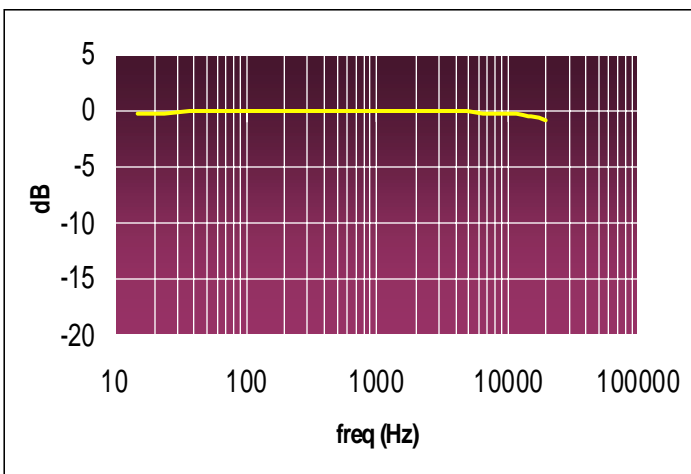
- ◆ Unique styling with hand rubbed purpleheart side rails and egg-shell white chassis
- ◆ Cross-feed control adjustable from full stereo to 6 dB separation
- ◆ High quality components throughout including Alps volume and cross-feed controls and Neutrik phones jacks for high and low impedance headphones.
- ◆ Solen polypropylene parafeed coupling capacitors
- ◆ ECC99 dual high transconductance triode output tube with substitutable 6N6P type (switch adjusts for different heater voltage)

The HD150 comes with two spare tube sockets, a JJ ECC99 and a Russian 6N6P as well as a new Tung-Sol 12AX7 and a Sovtek 5751—lots of combinations for tube rolling connoisseurs.



cutouts for Solens under chassis

Measured Performance (33Ω load, Tung-Sol 12AX7 and JJ ECC99 tubes)



Frequency response at 1 V rms (30 mW)

Maximum undistorted output
mW across 33 Ohms)



100 mW into 33 Ohm load



overload characteristic (120 mW)

Maximum voltage gain:
11 dB (62 dB power gain with 33 Ohm load)
Output impedance at 1 kHz: less than 3 Ω
Input impedance: 40 kΩ
Hum and noise at output (max volume): less than 0.2 mV rms
Recommended load impedance: 30–300 Ω
Phase: non-inverting
Power consumption: 20 W, 120 VAC 50-60 Hz