

A new era of analog experience

TB-100



Details

Tube equalizer



Pure Vacuum Tube Amplifier

The TB-100 features carefully selected, quad-matched ECC82 (12AU7) tubes, optimized specifically for this model. Using in-house tools, performance variations during operation are minimized to within 1% (0.1dB), ensuring peak performance. Each channel is equipped with an inner tube for voltage amplification and an outer tube for output buffering, delivering a rich, transparent sound quality. Moreover, the amplifier employs a straightforward two-stage amplification circuit paired with low-impedance cathode follower output stages to provide a pure and dynamic audio experience.



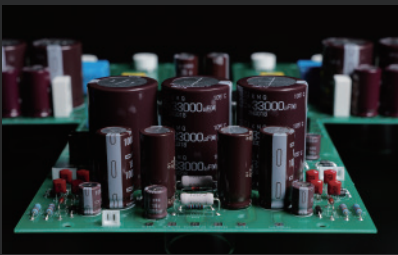
Wideband Transformer Input

The audio signal from the PD is converted to a current-voltage signal, ensuring precise phase alignment between the left and right channels. Additionally, the design achieves a flat frequency response within -1dB over a broad range from 10Hz to 70kHz, delivering clear and high-quality sound.



Twin Mono Structure

A symmetric twin-mono configuration is adopted, incorporating completely independent grounds and power transformers. This design eliminates crosstalk between the left and right channels, enabling a cleaner and more immersive soundstage.



Low-Noise, Low-Voltage Power Supply

A dedicated low-noise regulated power supply is included for LED power and the PD negative bias voltage. Separate power circuits and transformers for each PD ensure greater voltage stability supplied to the cartridge.

Price

Tube equalizer	
Rated output voltage	500mV (1kHz)
Input terminals	RCA terminals
Output terminals	RCA terminals
Output impedance	700Ω
Size	W44cm/H15cm/D48.2cm (including terminals)
Weight	18.7kg

