



TBC-Zero stereo control amplifier

Complete full DC, and complete, fully balanced amplifier with no negative feedback,
made possible by our innovative technology.

exceptionally high in transparency, low in colouration
TBC-Zero has achieved a truly natural sound.

▪ Product Features

Eradication of sound deterioration factors

No emitter resistors

*Revolutionary circuit technology that guarantees stable operation without any emitter resistors**

Specially developed duplex temperature compensation

Meticulously tested and matched transistors

Newly developed *differential* DC servo circuit

The circuit with a flat response from DC to high frequencies assures a stable operation of the non-feedback amplifier. This results in no group delay from DC to 500kHz and high coherency.

Large-capacity power circuit

Specially developed hand-wound flat-coil transformers with EI core that have very low magnetic flux density

Ideal chassis design and component composition

Painstaking arrangement of components and wiring for the elimination of noise and vibration

▪ Specifications

Maximum output power: 10Vrms

Frequency response: DC to 500kHz (-3dB)

Circuitry: Fully balanced DC with no feedback

Amplifier: FET and bipolar transistors

Input terminal: Cannon 3P connector (balanced) x4; RCA (unbalanced) x4

Input impedance: 10 - 20k Ω (balanced); 5 - 15k Ω (unbalanced)

Output impedance: 94 Ω (balanced); 47 Ω (unbalanced)

Gain: 12dB approx.

Distortion: 0.02% max./ 20Hz - 20kHz at 5V rms output

Additional feature: Circuit breaker for power switch

▪ General Information

Colour: Silver or Japanese lacquered black (special order)

Body: Aluminum

Power requirement: AC100/117V 50/60Hz, 45W

Size: 346 x 200 x 425mm (13.62 x 7.87 x 16.73inches)

Weight: 20kg approx. (44.1lbs approx.)

Handcrafted in Japan only with specially selected Japan-made parts

Information correct as of January 2010. All specifications are subject to change without notice.

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