



TBP-Zero /EX monaural power amplifier

TBP-Zero is the world's first complete DC transistor amplifier with no emitter resistors, made possible by our revolutionary circuit technology.

exceptionally high in transparency, low in colouration
TBP-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

No mechanical contacts: no relays, no line fuses, nor any other mechanical contacts

Protection circuit designed to prevent shock noise and protect other connected equipments against accidental damage

Innovative first-stage and drive circuits

Fully balanced amplifier with maximum stability

Complete DC amplifier

Non-servo complete DC amplifier using carefully selected components and materials

No group delay from DC to 600kHz

Large-capacity power circuit

Newly developed flat coil EI core transformer with low magnetic flux density

Ideal chassis design and component composition

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

▪ Specifications

Rated output power: 350w/8Ω; 700w/4Ω; 1400w/2Ω

Frequency response: DC to 750kHz (± 0.2dB at 1W)

Circuitry: Fully balanced (BTL)

Power transistor: Bipolar transistor

Cooling system: Natural air radiation

Input terminal: Cannon 3P connector

Input impedance: 3.6kΩ (balanced); 1.8kΩ (unbalanced)

Input sensitivity: 1.76Vrms

Gain: 29.8dB

Damping factor: 1700 approx.

Distortion: 0.02% max./8Ω at rated power from 20Hz to 20kHz

Protection circuit: DC detector; overload detector

Additional functions: Stand-by mode; circuit breaker for AC line guard

▪ General Information

Colour: Silver or Japanese lacquered black (special order)

Body: Aluminum

Power requirement: AC100/117V 50/60Hz

Size: 346 x 250 x 600mm (13.62 x 9.84 x 23.62inches)

Weight: 75kg approx. (165lbs approx.) x 2

Handcrafted in Japan only with specially selected Japan-made parts

Information correct as of June 2011. All specifications are subject to change without notice.

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