



## TBP-Zero/ver.2 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 100kHz

### 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 100kHz (± 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: 550 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: 65kg approx. (143.3lbs approx.) x 2

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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\* Patent number: 4284102 (Japan Patent Office)