

Heavy-Duty Operation

The HTA line of amplifiers are designed to be workhorses. Large heat sinks and huge transformers allow these amplifiers to supply continuous, full (RMS) power to loads, even at high ambient temperatures – up to 120° F. The HTA amplifiers are convection-cooled, so they provide the ultimate in set-and-forget operation.

More amazing than the heavy-duty capability of the HTA amplifiers is the quality of the output. The frequency response will remain within +/- 1 dB and have less than 0.5% distortion over the entire audio range (20 Hz – 20 kHz). What is so special about this? The output is transformer-coupled. Few transformer-isolated amplifiers can even come close to these specifications. An enormous output transformer using proprietary coil winding techniques is what allows the HTA to reach this level of performance.

A Power MOSFET output stage completes the extremely reliable and durable performance of these amplifiers. This type of transistor does not suffer from many of the failure modes of the more typical transistors (bi-polar types). The result is an amplifier that can operate reliably at full power, continuously, in 120° F ambient temperatures and supply transformer-isolated, high-quality, full bandwidth (20 Hz – 20 kHz) audio.

Power Amplifiers



HTA125A,
HTA250A

These high-performance power amplifiers can safely drive loads continuously at full (RMS) power, in ambient temperatures of up to 120° F. Overload protection includes an electronic shutdown circuit and a thermal breaker.

Product Features:

- 125 and 250 watt models
- Designed for continuous operation at rated power, up to 120° F
- Convection-cooled
- Power MOSFET output circuitry
- Thermal protection and automatic electronic overload protection
- Hi-Z unbalanced and Lo-Z balanced or unbalanced input w/ accessory transformer (TL600)
- Internal lo-cut filter switch
- 90 dB signal-to-noise
- Input sensitivity: Hi-Z, 500 mV; Lo-Z, 100 mV (HTA125A), 150 mV (HTA250A)
- Power Consumption: 260W (HTA125A); 520W (HTA250A)
- 4- and 8-ohm, 25V and 70V outputs
- Line bridging (driving multiple amplifiers) is possible w/ an accessory transformer (TL100)
- 19" rack-mount design (3 rack spaces)

Technical Specifications, Dimensions, and Weights can be found on Page 67

Accessories



TL100
1:1 Bridging
Transformer



TL600
600-ohm
Impedance-Matching
Transformer



WMT1A
Matching
Transformer



BPA60

The BPA60 supplies 60 watts of power amplification for professional and commercial sound systems requiring continuous high-quality sound.

Product Features:

- 60 watts
- 1 input: Hi-Z unbalanced
- Lo-Z balanced input w/ accessory transformer
- Input level control and lo-cut filter switch
- 8-ohm/25V, 16-ohm, 25VCT, and 70V outputs
- Sensitivity: 300mV, Hi-Z; 75mV, Lo-Z
- Resettable circuit breaker and thermal protection
- Operates with 25V and 70V systems
- 120V AC, 60 Hz, 180W @ full rated output
- Rack-mountable with accessory mounting kit: RPK53 (2 rack spaces)
- UL and CSA listed



MT250D

The MT250D is a highly versatile, high-power performer, delivering 250 watts of power with battery backup capability.

Product Features:

- 250 watts (RMS) continuous
- 1 input: Hi-Z unbalanced
- Lo-Z balanced input w/ accessory transformer
- 8-ohm, 25V, 25VCT, 70V, and 100V outputs
- Operates from 120V/240V AC or 24V back-up battery (not included)
- Battery-saver circuit reduces idle current
- Sensitivity: 1 volt @ full rated power, Hi-Z; 70-200mV, Lo-Z
- Protection against line surges, overloads, and abnormal heat build-up
- AC power consumption: 650 watts, full power; 30 watts, standby
- LED overload shutdown and illuminated power indicators
- Lo-cut filter switch & input level control
- Rack-mountable (3 rack spaces)
- UL listed

Technical Specifications, Dimensions, and Weights can be found on Page 67

Accessories



RPK53
Rack
Panel Kit
(BPA60 only)



TL100
1:1 Bridging
Transformer



TL600
600-ohm
Impedance-Matching
Transformer