



# TTA - SERIES

PROFESSIONAL POWER AMPLIFIER



## TWO CHANNEL MODELS

The **TTA Series** amplifier is multi-channel professional amplifier, based on Class TD that combine the efficiency of Class D amplifiers with the sonic purity of Class B amplifiers. It tracks the audio signal at all frequencies, providing the required rail voltage with additional headroom that reduces the heat emission and maintain flat response even with complex loads. The Sonic Excellence, Versatile Performance & Enhanced cooling system makes this amplifier right choices that fits in both the horizons Touring Sound as well as Installations market. They incorporate the soft-start circuit with gradual volume increase, clip limiters and special protection features such as over temperature, overcurrent, DC and outputs short circuit.

### Specifications

Model	TTA300	TTA500	TTA600	TTA800	TTA1000	TTA1300
Power @8Ω per channel	350W x 2	450W x 2	650W x 2	850W x 2	1000W x 2	1300W x 2
Power @4Ω per channel	465W x 2	750W x 2	930W x 2	1250W x 2	1600W x 2	1950W x 2
Bridge/8Ω	930W	1460W	1860W	2500W	3200W	3900W
Average Current Draw	3A @ 230V AC	4A @ 230V AC	4.5A @ 230V AC	5A @ 230V AC	5.5A @ 230V AC	6A @ 230V AC
Input Power Consumption	690W	920W	1035W	1150W	1265W	1380W
Protection Circuitry				Clipping, Thermal, Short Circuit		
Frequency Response				20HZ~20KHZ(0.5dB/-0.5dB)		
THD+N				<0.05%@8Ω 1kHz		
S/N Ratio				>98dB (A-weighted)		
Damping Factor (1 kHz @ 8Ω)				>500 (1 kHz @ 8Ω)		
Crosstalk (1 kHz)				0.775V/1.44V		
Input Sensitivity   Default Gain				32 dB		
Input Impedance				20KΩ Balanced		
Product Dimension (W x D x H) mm			(483 x 442 x 88) mm			(483 x 462 x 88) mm
Net Weight (Kg)	15	17	18	20	24	26

# TTA - SERIES

PROFESSIONAL POWER AMPLIFIER



FOUR CHANNEL MODELS

## Specifications

Model	TTA450	TTA460
Power @8Ω per channel	450W x 4	650W x 4
Power @4Ω per channel	750W x 4	930W x 4
Bridge@8Ω	-	-
Average Current Draw	6A @ 230V AC	7A @ 230V AC
Input Power Consumption	1380W	1610W
Protection Circuitry	Clipping, Thermal, Short Circuit	
Frequency Response	20HZ~20KHZ(0.5dB/-0.5dB)	
THD+N	<0.05%@8Ω 1kHz	
S/N Ratio	>95dB (A-weighted)	
Damping Factor (1 kHz @ 8Ω)	>500 (1 kHz @ 8Ω)	
Crosstalk (1 kHz)	>75dB	
Input Sensitivity   Default Gain	0.775V/1.44V	
Input Impedance	20KΩ Balanced	
Product Dimension (W x D x H) mm	483 x 462 x 88	
Net Weight (Kg)	23	25

## Safety Instructions

- Do not use this product near water.
- Clean only with a dry cloth.
- Do not install near any heat sources such as radiators, heat registers, stoves, or other apparatus (including amplifiers) that produce heat.
- Do not block any ventilation openings. Install following the manufacturer's instructions.
- Protect the power cord from being walked on or pinched, particularly at plugs, convenience receptacles, and the point where they exit from the apparatus.
- Unplug the unit during lightning storms or when unused for long periods.
- Refer all servicing to qualified service personnel. Servicing is required periodically and when the unit is damaged, either mechanically or electrically, or is used in the smoky/dusty environment.