

Features

- ▶ High voltage output for a wide headroom.
- ▶ Efficient Toroidal transformer core for high power induction response.
- ▶ All-steel 2U/3U durable chassis construction.
- ▶ Unobtrusive recessed carrying handles.
- ▶ European and Japanese components ensure optimal result.
- ▶ Powerful and fast response cooling system.
- ▶ Reduced Front panel features individual Gain control for channel, Signal, Clip and Fault/OK LED indicators assists you to monitor amplifier performance.
- ▶ Cooling rear to front forced air flow with twin tunnel variable high speed fans.
- ▶ Intelligent clip limiter to provide High Dynamics at Negligible Distortion levels.
- ▶ Dual, Bridge or Parallel operation.
- ▶ DC current, Thermal over load and continuous Short Circuit Protection on each channel.

Technical Specifications

Model	HA-40	HA-60	HA-90
MAX Output Power RMS 1KHz			
2 Ohms	2 X 2200W	2 X 3000W	2 X 4500W
4 Ohms	2 X 1600W	2 X 2300W	2 X 3400W
8 Ohms	2 X 950W	2 X 1300W	2 X 1900W
Bridge @ 4 Ohms	4400W	6000W	9000W
Bridge @ 8 Ohms	3200W	4600W	6800W
Frequency Response Power Bandwidth +/-0.50dB	15Hz-25kHz		
Total Harmonic Distortion 20Hz - 20kHz	<0.05%		
Cross Talk 20Hz - 20kHz	≥80dB		
Input Sensitivity @ 8 Ω	1V		
Voltage Gain (Factory setting)	38dB		
Damping Factor 20Hz - 20kHz	>600		
Signal-to-Noise-Ratio A Weighted	>105dB	>110dB	
1/8 rated power @ 4 Ω	5A	8A	14A
Rack Mount Space	2U		
Dimensions / W x H x D (mm) / W x H x D (inches)	19 x 3.5 x 18	480 x 89 x 460 19 x 53.5 x 18	19 x 5.5 x 20
Weight	18Kg	21Kg	35Kg
Net / Shipping	19Kg	22Kg	37Kg