

HN-IA1000-E

1000 Watt Power Amplifier

HN-IA1000-E is a high efficient 1000W Power/Booster amplifier provides audio signal amplification for public address and voice alarm system, It is reliable, efficient and light weight



HN-IA1000-E

FEATURES AND BENEFITS



- 100v & 4-16 OHMS Transformer- Less Design



- Super Class-D Topology Full Band with PWM Modulator Ultra-Low Distortion



- Led Status Indications



- Output Short-Circuit And Thermal Protection

SPECIFICATIONS

TECHNICAL SPECIFICATIONS

Mains power supply	Universal Mains with PFC, 85~265 Volts AC 45Hz to 65Hz
SMPS RMS Power Limit	1120 Watts
Amplifier topology	Class D, 89.5% efficiency
Frequency response	20 Hz - 20 kHz (+0/-0.25 dB (8Ω load, 3 dB below rated power)
THD (1Khz @ 1W)	0.003%
Signal input / Output	Balanced Line in – Line Out 100 V signal input
Signal To Noise-Ratio	119 dB(A)
Dynamic range	119 dB(A)
Power Output	1000 watts 100 Volt speaker output - Phoenix connector
Damping factor @ 8 Ohm	>350
Protection	Short circuit protection, DC protection, under voltage protection, temperature protection, overload protection
Dimension (mm)	95.2 H x 431.8 W x 304.8 D
Operating Temperature & Humidity	-10°C to 50°C @ 90% relative humidity (non condensing)
Cooling	Natural dissipation through heat sink and temperature-controlled fan
Weight	7.5 Kg

CE Standards	CE Compliant
Safety Standards	Complaint to IEC/EN 60065:2001 (7th E) + A1:2005 + A2:2010 Complaint to IEC/EN/UL 62368-1: 2014 (2nd E) Complaint to EN 60065:2002 + A12006 + A11: 2008 + A2:2010 + A12:2011 Complaint to EN 62368:2014 Complaint to CSA C22.2 NO.62368-1-14:2014 Complaint to UL 62368:2014
Electro Magnetic Compliance (Emission)	Complaint to EN 55032:2012 with EN 55032:2012 AC 2013 Complaint to EN 61000-3-2:2014 Complaint to EN 61000-3-3:2013
Electro Magnetic Compliance (Immunity)	Complaint to EN 55103-2:2009 Complaint to FCC part 15 subpart B

For more information,

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