

# HN-IA1000

## I Power Amplifier

HN-IA1000 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 in weight.



## FEATURES AND BENEFIT



**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**

## TECHNICAL SPECIFICATIONS

| ELECTRICAL                       |  |
|----------------------------------|--|
| Mains power supply               | 180~250 Volts AC   50 Hz                                 |
| Power Requirement                | 800 VA   |
| Amplifier topology               | Class D >90% efficiency                                  |
| Frequency response               | 70 Hz to 20 KHz  |
| THD + N @ 1 KHz                  | 0.1%   |
| Signal input / Output            | Balanced Line in LineOut - Phoenix                       |
| SNR (dB)                         | 102  |
| Dynamic range                    | 93dB   |
| Power Output                     | 1000 watts   100 Volt speaker output - Phoenix connector |
| Damping factor @ 8 Ohm           | 300  |
| Protection                       | Output Short-circuit   Thermal shut-down                 |
| 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                          | Forced Air cooling with Fan                              |
| Weight                           | 5.3 Kg   |
| Certifications                   | CE Complied  |

### For more information,

[www.honeywellbuildings.in](http://www.honeywellbuildings.in)

Call: 000-8000-502167

Email: [HBT-IndiaBuildings@Honeywell.com](mailto:HBT-IndiaBuildings@Honeywell.com)

### Honeywell HBT India Buildings

Unitech Trade Center, 5th Floor, Sector-43,

Block C, Sushant Lok Phase - I,

Gurgaon - 122 002.

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IS  
WHAT  
WE  
MAKE IT**

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