

HAM-2000 INTEVIO AMPLIFIER

- Complies to international standards
- Plug-and-play for easy commissioning
- Intuitive set-up with step-by-step guided interaction with the LCD front panel
- Fully configurable keys to achieve any task at the press of a button
- Modular architecture : Expandable upto 128 speaker lines
- Dual channel audio capability
- Flexible amplifier backup modes to ensure low cost of ownership and high reliability
- Digital volume control on all inputs/outputs
- Comprehensive fault detection and indication
- 500W high efficiency Class-D amplifier
- High flexibility: with 100V/70V output & 100V audio input
- Enhanced reliability: automatic fault detection, self-protection & forced air cooling fan



ABOUT THE INTEVIO PUBLIC ADDRESS AND VOICE ALARM RANGE

Honeywell's INTEVIO Public Address and Voice Alarm system is the ideal solution for single buildings. It is an integrated solution that can provide better stability, cost savings, and higher user experience and performance:

DESCRIPTION

HAM-2000 high efficiency power amplifier provides audio signal amplification for the INTEVIO voice alarm and public address system. It is reliable, efficient and light in weight.

FUNCTIONS

Input/output

HAM-2000 supports balanced/unbalanced audio inputs and 100V/70V speaker outputs. It also has a 100V audio input port to connect with the output from other amplifier so that the output power can be increased easily. A contact output is provided to send out the fault status to 3rd system when a fault is detected. Through the RJ45 port, HAM-2000 receives the audio signal and control signal from the controller HCU-2000 or the zone expander HEX-8/ HEX-24 and sends back the fault status.

Automatic fault detection and self-protection

HAM-2000 can self-protect from overheat, overcurrent, overvoltage, undervoltage, overload and short circuit. For example, when the internal temperature reaches its critical limit, the overheat protection circuit will shut down the power amplification module and activate the protection indicator light on the front panel. HAM-2000 can detect power supply errors automatically during operation. The built-in fuse will provide over current protection to the main power supply.

When a short circuit is detected in the main power circuit, the power will be automatically shut down and the backup power will then be enabled to replace the main one.

Technical Specification

Main power supply voltage	~ 220V-240V 50/60Hz	Audio cascade output	>1.4V
Backup power supply voltage	~ 220V-240V 50/60Hz	SNR	>100 dB, A weighted
Power consumption	<720W	Non-linear distortion	<0.1% (at 1/3 rated power, 1kHz)
Main power supply fuse	T10AH 250V	Indicator lights	Power, main power fault, backup power fault, protection and signal level indicator.
Amplifier output	70V / 100V	Cooling method	Air cooling
Rated output power	500W	Humidity	< 95%, without condensing
Frequency response	80Hz~18KHz (+1dB ~ - 3dB)	Operating temperature	-10°C~+55°C(14°F to +131°F)
Input impedance	20KΩ	Storage temperature	-40Â°C~+70Â°C(-40Â°F to +158Â°F)
Input sensitivity (RJ-45)	1.4V	Product dimension (W*H*D)	482 mm×88 mm ×407 mm
Aux. input 1	1.4V	Package dimension (W*H*D)	580 mm×235 mm ×552mm
Aux. input 2	100V	Net weight	10.6Kg
		Gross weight	13.2Kg

Certifications and Approvals

Category	Region	Certification
Safety	Europe	CE Certified
Safety	Global	CB Certified

Ordering Information

Description	Ordering Information
Amplifier	HAM-2000

For more information,

<https://honeywellbuildings.in>

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