

Intevio 24-Zone Expander

HEX-24

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:

Better safety and stability

- Complies with international standards
- A highly compact and integrated system
- Simple and easy to use with an innovative design
- Provides easy access to status updates, amplifier backup, logging and direct paging capabilities

Highly efficient solution

- Plug-and-play with default settings
- Intuitive set-up with step-by-step guided interaction between buttons and screens
- Can achieve all calls by configurable keys
- Auto configures when components are physically connected

Description

HEX-24 is the zone expansion device controlled by HCU-2000, which adds 24 speaker zones and 24 contact inputs to the INTEVIO system. HEX-24 can connect with up to 6 external power amplifiers and 1 backup amplifier. Up to 5 nos. of HEX-24 can be used together in the system.

Functions

Input/output

HEX-24 has 24 contact inputs that can be linked with the fire alarm system to trigger the alert and evacuation messages when fire happens. 1 line input is provided to connect with external audio source.

HEX-24 has 24 nos. of 100V speaker outputs which can connect up to 24 speaker circuits. One 24VDC output is provided to power external device.



HEX-24

Automatic fault diagnosis

HEX-24 has powerful automatic fault diagnosis function to supervise various types of faults such as main power, backup power, CPU, power amplifier, speaker circuits, communication line, etc. All the fault information will be shown on the LED indicators on the front panel.

Allow broadcast even the controller CPU malfunctions

The external audio source connected to the line input can still be delivered to all the local zones when the controller CPU malfunctions. This function can reduce the system downtime due CPU failure and increase the safety level during emergency.

FEATURES & BENEFITS

- Expands up to 24 Zones for INTEVIO system
- Supports one-for-all amplifier backup
- With 1 line input and 24 contact inputs
- Automatic fault diagnosis

HEX-24 Technical Specifications

Note: Honeywell reserves the right, without notification, to make changes in product design and/or specifications.

PARAMETERS	VALUES
MAIN POWER SUPPLY VOLTAGE	AC 100-240V 50/60Hz
BACKUP POWER SUPPLY VOLTAGE	AC 100-240V 50/60Hz
MAIN POWER SUPPLY FUSE	T2AL 250V
RATED POWER	40W
LINE INPUT	
INPUT SIGNAL	1V(0dBV)
INPUT IMPEDANCE	10 K Ω
FREQUENCY RESPONSE	80Hz-18KHz
SNR	>90dB, A weighted
POWER AMPLIFIER CONTROL INTERFACE	
CHANNEL NO.	2 (CH1 and spare amplifier)
OUTPUT SIGNAL	1.4V
THD	<0.1%
CONTROL SIGNAL	Self-testing, amplifier fault and power saving control signal
LOUDSPEAKER CIRCUIT	
OUTPUT CHANNEL NO.	24
MAXIMUM LOUDSPEAKER LOAD	500W
CONTACT INTERFACE	
CONTACT INPUT	24 contact inputs (not monitored)
OPERATING CONDITIONS	
HUMIDITY	< 95%, without condensing
OPERATING TEMPERATURE	-10°C~+55°C(14°F to +131°F)
STORAGE TEMPERATURE	-40°C~+70°C(-40°F to +158°F)
WEIGHTS AND DIMENSIONS	
PRODUCT DIMENSION (W*H*D)	482 mm×88 mm ×407 mm
PACKAGE DIMENSION (W*H*D)	580mm×235mm ×552mm
NET WEIGHT	7.8Kg
GROSS WEIGHT	10.5Kg

Certifications and Approvals

CATEGORY	REGION	CERTIFICATION
SAFETY	Europe	CE Certified
SAFETY	Global	CB Certified

Ordering Information

DESCRIPTION	MODEL#
24-ZONE EXPANDER	HEX-24

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Partner Connect

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