Honeywell
THE POWER OF CONNECTED

INTEVIO Public Address

Remote Call Station

RK-MIC

General

The Honeywell INTEVIO Public Address (PA) system is the ideal solution for single buildings. Its integrated design provides better stability and cost savings, along with an enhanced user experience for improved performance.

Description

The RK-MIC is the call station for the INTEVIO system, and it allows users to deliver live paging, trigger background music, and provide service or emergency broadcast to the selected speaker groups. It can be used for volume control, temporary recording, audio monitoring, and more. Up to 6 call stations can be connected in the system.

Functions

Buttons

The RK-MIC has 8 function buttons and 8 configurable buttons. The function buttons are used for regular operations such as select all, zone close, audio monitoring, temporary recording, recording playback, line input selection and microphone switch. The configurable buttons can be programmed to operate as speaker group selection, broadcast task selection, or volume control. The the buttons can be configured as press or toggle. More buttons can be added by connecting the HMC-K4 or HMC-K8.

Audio monitoring

The RK-MIC has a built-in monitoring speaker to monitor the audio source in channel 1 and channel 2, which helps prevent accidental broadcasts and increases operational efficiency.

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Record and play

The call station allows users to record temporary messages and broadcast them immediately – without configuration. This means the system can be used for promotional applications where a message may need to be updated frequently.

Fault detection and status indication

The RK-MIC can detect faults on the gooseneck microphone and communication line. It has 4 LED indicators to identify the status of the unit, displaying the status for the power supply, general fault, network fault, and busy audio channel.

Line input

With single line input, the remote call station allows users to connect an external audio source, such as a CD, DVD, tuner, etc., and broadcast it without configuration.

FEATURES AND BENEFITS

- 8 free configurable buttons, expandable with the HMC-K4/ HMC-K8.
- Expandable with the HMC-K4/HMC-K8 keypad modules if required.
- Built-in loudspeaker for audio monitoring.
- Supports temporary record and playback.
- 8 programmable buttons.
- CAT5 cable connection with the RK-MCU, max. distance is 600m.
- Single line input to connect with external audio source.
- Line input to facilitate background music (BGM) from an external audio source.
- Automatic fault detection.
- Built-in loudspeaker for audio channel monitoring.
- Separate volume controller for mic input, line-in, and speaker.
- Powered by the Master Control Unit or external power adaptor.
- Temporary recording function for instant message recording and broadcasting.
- Up to 6 RK-MIC devices can be connected on one system.

RK-MIC Technical Specifications

PARAMETERS	VALUES
POWER SUPPLY VOLTAGE	DC 24V
RATED POWER	10 W
MIC INPUT	
SENSITIVITY	-50 dB ± 3 dB
SNR	60 dB, A-weighted
OPTIMAL PICKUP DISTANCE	10~20cm
LINE INPUT	
INPUT SIGNAL	1V (0 dBV)
INPUT IMPEDANCE	10 KΩ
FREQUENCY RESPONSE	80Hz - 18 kHz, ± 3 dB
SNR	85dB, A-weighted
THD	<0.1%
OTHERS	
MONITORING LOUDSPEAKER	2 W/8 KΩ
OPERATING CONDITIONS	
RELATIVE HUMIDITY	< 95% without condensing
OPERATING TEMPERATURE	-10°C~ +55°C (14°F to +131°F)
STORAGE TEMPERATURE	-40C~ +70°C (-40F to +158°F)
WEIGHTS AND DIMENSIONS	
PRODUCT DIMENSION (W*H*D)	200 mm x 46.5 mm x 200 mm (7.87 in. × 1.83 in. × 7.87 in.)
PACKAGE DIMENSION (W*H*D)	403 mm x 133 mm x 268 mm (15.87 in. × 5.24 in. × 10.56 in.)
NET WEIGHT	3.09 lbs.
GROSS WEIGHT	5.51 lbs.

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

WARRANTY

1 Year

CERTIFICATIONS AND APPROVALS

CATEGORY	REGION	CERTIFICATION
SAFETY	Europe	CE Certified
SAFETY	Global	CB Certified
SAFETY	North America	UL60065 Certified
EMC	North America	FCC Part 15 Subpart B Certified

ORDERING

DESCRIPTION	MODEL#
REMOTE CALL STATION	RK-MIC
EXTENSION KEYPAD - 4 BUTTONS	HMC-K4
EXTENSION KEYPAD - 8 BUTTONS	HMC-K8

Honeywell Security and Fire
12 Clintonville Road
Northford, CT 06472, USA
Tel:+1.800.323.4576
www.honeywell.com

DO-60986 | 12/17
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