INTEVIO Remote Call Station and Extension Keypad

RK-MIC / HMC-K4 / HMC-K8

Honeywell INTEVIO Public Address and Voice Alarm range

Honeywell's INTEVIO Public Address and Voice Alarm system is the ideal solution for operators of small and mid-sized buildings. It offers a cost effective, integrated system providing a stabile, flexible and easy to use PA/VA solution.

DESCRIPTION

RK-MIC is used to perform various broadcasts and live announcements to configured zones. The unit has programmable buttons, enabling users to easily conduct operations, such as paging, BGM broadcast, business broadcast, voice alarm, volume control, recording and monitoring.

FUNCTIONS

Buttons

RK-MIC has 8 function buttons and 8 freely configurable buttons. The function buttons are used for regular functions such as all call, zone close, audio monitoring, temporary recording, recording playback, line input selection and microphone switch. The configurable buttons can be programmed as loudspeaker group selection, broadcast task selection or volume control. The operation mode of the buttons can be configured as press or toggle. More buttons can be added by connecting extension keypad HMC-K4 and HMC-K8.

Audio monitoring

The RK-MIC unit has a built-in speaker to monitor the audio source in channel 1 and channel 2, helping to prevent mistaken broadcasting.



Record and play

RK-MIC allows the user to record temporary messages and broadcast immediately without configuration. This delivers operational efficiency improvements, in applications such as small shopping malls/supermarkets where promotion message are frequently updated.

Fault detection and status indication

RK-MIC can detect faults in the gooseneck microphone and communication line. It has 4 LEDs to indicate the status of the power supply, a general fault, a network fault and a busy audio channel.

Line input

With one line input, RK-MIC allows user to connect an external audio source such as CD, DVD or tuner and broadcast it without the need for configuration.

FEATURES

- Supports gooseneck or PTT microphone for live broadcast
- Expandable with the HMC-K4 / HMC-K8 keypad modules if required
- Built-in loudspeaker for audio monitoring 8 programmable buttons
- CAT5 cable connection with the RK-MCU, max. distance is 600m
- Line input to facilitate background music (BGM) from an external audio source
- Automatic fault detection
- 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 / HMC-K4 / HMC-K8 Technical Specifications

	PARAMETERS	VALUES
	Power supply	DC 24V
	Power consumption	10 W
	MICROPHONE	
	Sensitivity	-50dB±3dB
	SNR	>60dB, A-weighted
	Optimal pickup distance	10~20cm
	LINE INPUT	
	Input signal	1V(OdBV)
	Input impedance	10 KO
	Frequency response	80Hz-18KHz, ±3dB
RK-MIC	SNR	>85dB, A-weighted
쏬	THD	<0.1%
	OTHERS	
	Built-in loudspeaker	2W/80
	WORKING CONDITIONS	
	Relative 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)
	SPECIFICATION	
	Dimension (W*H*D)	200 × 46.5 × 200 mm
	Packing dimension (W*H*D)	403×133×268mm
	Net weight	1.4Kg

CERTIFICATIONS AND APPROVALS

CATEGORY	REGION	CERTIFICATION
Voice Alarm	Europe	EN54-16 Certified
Safety	Europe	CE/CB Certified

PARAMETERS Power consumption Power Supply Voltage No. of Indicators Values No. of Keys Connections Operating Temperature Humidity Dimension (W H D) Packing Dimension (W*H*D) Packing Dimension (W*H*D) Packing Dimension (W*H*D) Packing Dimension (W*H*D) Power Supply Voltage Power consumption Power Supply Voltage No. of Indicators No. of Keys Connections Power Supply Voltage No. of Keys Connections Operating Temperature -40°C ~+70°C +40°C ~+70°C B two-color LEDs No. of Keys Connections Serial data and power connection via hidden flat cable -10°C ~+55°C Serial data and power connection via hidden flat cable -10°C ~+55°C Storage Temperature -40°C ~+70°C Humidity 95% without condensation			
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Humidity 95% without condensation	IC-K8	Power consumption Power Supply Voltage No. of Indicators No. of Keys Connections	1W DC 5V 8 two-color LEDs 8 configurable keys Serial data and power connection via hidden flat cable
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Packing Dimension (W*H*D) 403mm × 133mm × 268mm	HMC-K8	Power consumption Power Supply Voltage No. of Indicators No. of Keys Connections Operating Temperature Storage Temperature Humidity	1W DC 5V 8 two-color LEDs 8 configurable keys Serial data and power connection via hidden flat cable -10°C ~+55°C -40°C ~+70°C 95%, without condensation
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Gross weight 1.2 Kg	HMC-K8	Power consumption Power Supply Voltage No. of Indicators No. of Keys Connections Operating Temperature Storage Temperature Humidity Dimension (W H D) Packing Dimension (W*H*D)	1W DC 5V 8 two-color LEDs 8 configurable keys Serial data and power connection via hidden flat cable -10°C ~ +75°C -40°C ~ +70°C 95%, without condensation 100mm × 46.5mm × 200mm 403mm × 133mm × 268mm

ORDERING INFORMATION

DESCRIPTION	MODEL#
Remote Call Station	RK-MIC
24V DC Power Adapter (Optional)	RK-MADP
Extension Keypad	HMC-K4
Extension Keypad	HMC-K8

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