

GENT

by Honeywell

9.2: MICROPHONES

Fireman's Microphones

The Fireman's Microphone Stations comprise a lockable wall mounting box housing a fist microphone and associated electronics. They will operate in an all-call mode even in the event of processor failure within the router, as required by BS 5839 Pt 8.

The VA-1315 desk console can be used as a remote alternative to the integral keyboard and microphone of the Audio Control Unit (ACU). In addition, the VA-1315 can also be used as an emergency microphone.

Microphone audio is provided as a balanced 0dBu (nominal) analogue signal. An in-built signal limiting automatic gain control is provided to help compensate for varying operator technique.

The microphone's processor is responsible for generating an outgoing low-frequency surveillance tone which is used to monitor the audio connection to the VAR Router, while microphone capsule monitoring is performed by injection and monitoring of a signal such that either open or short circuit of the capsule or associated wiring will indicate a fault.

ORDER CODES

Single Zone Fireman's Microphone	VA-1364
5 Zone Fireman's Microphone	VA-1365
10 Zone Fireman's Microphone	VA-1366
20 Zone Fireman's Microphone	VA-1367
20 Way Emergency Desk Console and Emergency Microphone	VA-1315



20 Zone Fireman's Microphone

Single Zone Fireman's Microphone

TECHNICAL SPECIFICATION					
Type	VA-1364	VA-1365	VA-1366	VA-1367	VA-1315
Supply voltage range	18 – 40V DC				
Current consumption maximum – all LEDs on	70mA @ 24 V DC supply	90 mA @ 24 V DC supply		250 mA @ 24 V DC supply	
Format	Wall mounting box	Desk Console plastic case		Desk Console metal case	
Microphone	Fist	Gooseneck			
Zone Select Buttons (can also control routes or DVAs)	PTT button acts as All Call select button	5	10	20	20 can also control routes or DVAs
Other Buttons	PTT button				
LEDs	Zone Busy Speak Now (twin) Status	2 Zone Select LEDs per zone button (zone Busy and zone Selected) Speak Now (twin)		2 Zone Select LEDs per zone button (zone Busy and zone Selected) Speak Now (twin) All Call Only (twin) System Fault Power	
Microphone speech level meter	N/A	N/A	N/A	Five LED bargraph	
Colour	Red RAL3020	PB No.5 off-white with black annotation		Black with silver annotation	
Dimensions (WxDxH mm) excluding gooseneck and connectors	350 x 88.5 x 300 excluding handle	180 x 130 x 40		450 x 182 x 81	
Weight	5.7 kg	1.0 kg		3.7 kg	
Operating and storage temperature	–5°C to +50°C				
Humidity range	0% to 93% Non-condensing				
Ingress protection	N/A	N/A	N/A	N/A	IP55