

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 |