

WIP-S

## Warden Intercom Point (WIP) Phone

### INFORMATION SHEET

#### DESCRIPTION

The Vigilant® FP0938 Warden Intercom Point (WIP) phone is designed specifically for use with sound and intercommunication systems for emergency purposes. WIP phones are used by wardens to communicate between evacuation zones and the intercom control and indication equipment (c.i.e.). When the handset is lifted, a call is automatically initiated to the intercom c.i.e.

The FP0938 has been certified as complying with AS/ACIF S004 and has been submitted for approval as a WIP phone for intercommunication systems for emergency purposes complying with AS 2220.1 and installed to AS 1670.4 at both the c.i.e. and the WIP locations.

#### OPERATION

- To call the intercom c.i.e., lift the handset. A confidence tone will be heard until the call is answered at the intercom c.i.e.
- To answer a call, lift the handset.
- To end a call, replace the handset.

#### RING VOLUME

When a call is initiated to a WIP phone, ringing sounds through a speaker in the body of the phone (not the earpiece).

If additional ring volume is required, e.g. the phone is mounted in a cupboard, the PA0689 WIP flashing LED board and SN0017 buzzer can be used to provide an external sounder. Refer to PBQ0013A.

#### SAFETY NOTICE

The earpiece of the handset contains a magnet and may attract small metal objects such as staples or pins. Care should be taken when placing the handset near these items.

#### COMPATIBILITY

The FP0938 is compatible with all QE90 systems, and is a replacement for EAO404, TB/RC, TB/SE, A2095 and A2096 models.



#### SPECIFICATIONS

|                             |   |
|-----------------------------|---|
| Operating Voltage (Current) | 6V (at 9mA) d.c. to 15V d.c. (at 22.5mA)                      |
| AC Impedance                | 600 ohms off-hook<br>25 - 50 ohms on-hook                     |
| Ring Voltage                | 6V a.c. r.m.s.  |
| Ring SPL                    | approx. 82dBA @ 1m  |
| Ambient temperature         | -10°C to +50°C  |
| Terminals                   | Screw, to suit 0.75mm <sup>2</sup> to 1.5mm <sup>2</sup> wire |
|                             | 1 Pair Line IN  |
|                             | 1 Pair Line OUT or ELD resistor                               |
|                             | 1 Pair SPKR - do not use                                      |
| Dimensions (on hook) (mm)   | 215H x 70W x 70D  |
| Material                    | Impact Resistant ABS  |
| Colour                      | Red   |
| Approvals                   | AS/ACIF S004:2004<br>AS 2220.1:1989 Pending                   |
| Part Numbers                |   |
| FP0938                      | Vigilant WIP Phone Red  |
| EAO412                      | Surface Mounting Enclosure                                    |
| PA0689                      | PCB Assy WIP Flashing Bd                                      |

## MOUNTING

1. Using the supplied bracket - screw the bracket to the wall or to a standard electrical flush box. Slide the phone onto the bracket. See Figure 1 for hole locations. Note that an additional screw through the phone's base into the wall will prevent the phone from being easily removed from the bracket.

2. Without the bracket - if there is no free space above the phone or the bracket cannot be used, drill out two or more of the slots in the corners of the base and screw it directly to the wall.

## WIRING

Wire in accordance with AS 1670.4. Refer to Figures 2 and 3. Note the wiring is polarity sensitive. Connect the + terminal of the phone to the + terminal at the intercom c.i.e. If the polarity of a field phone is wrong a fault will be indicated but nothing will be damaged. However, if the c.i.e. phone is wired with wrong polarity no fault will be indicated. Ensure that the confidence tone is heard when it is picked up.

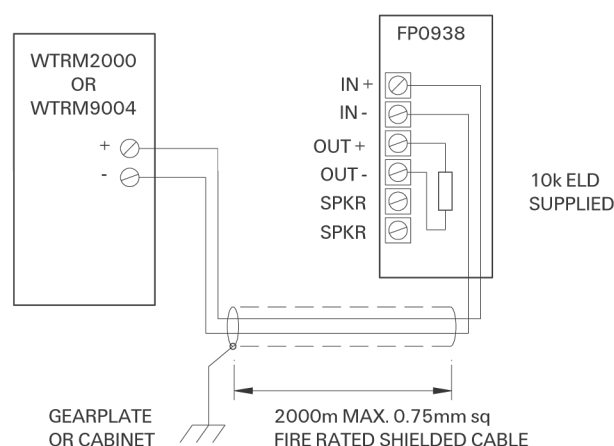


Figure 2 Field Phone Connections

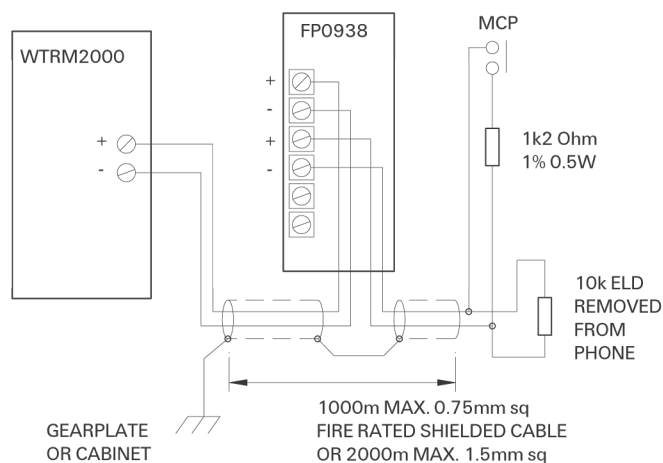


Figure 3 Field Phone and MCP Connections

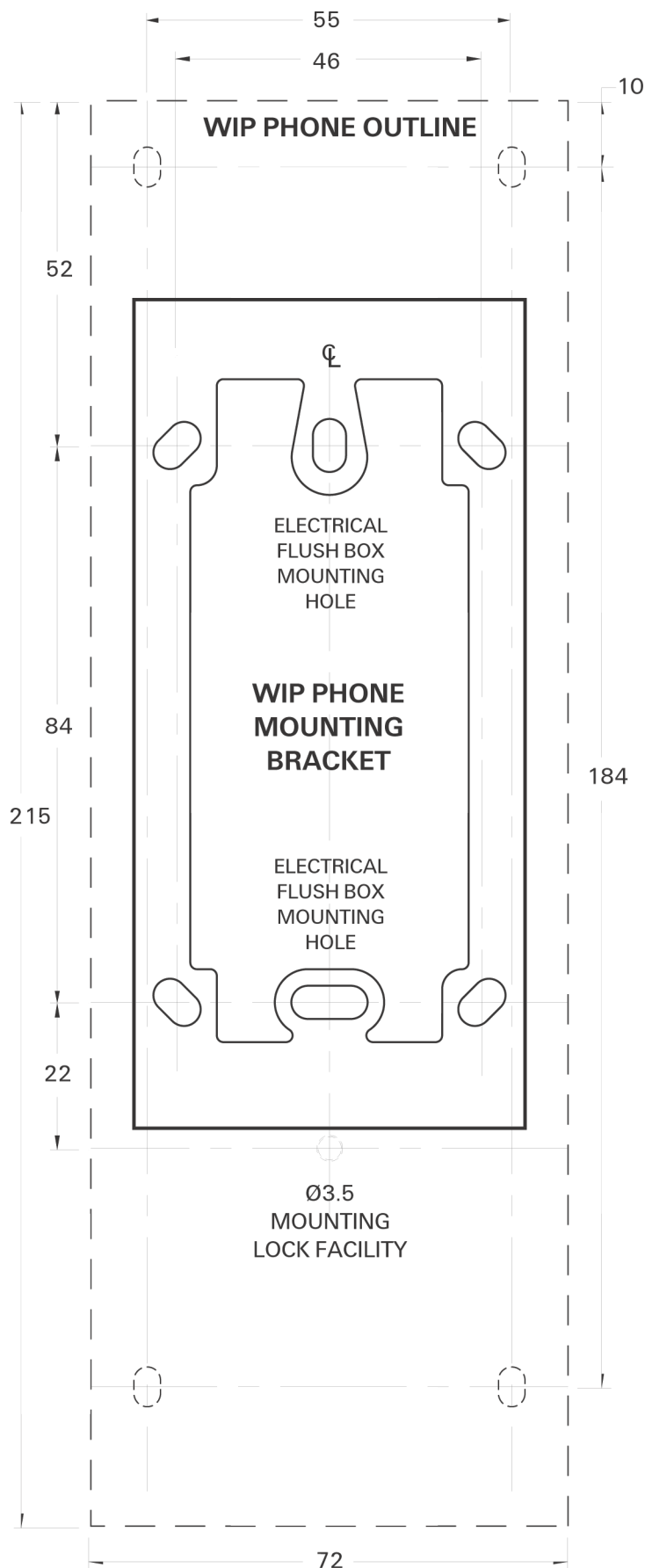


Figure 1 Mounting Bracket Detail