



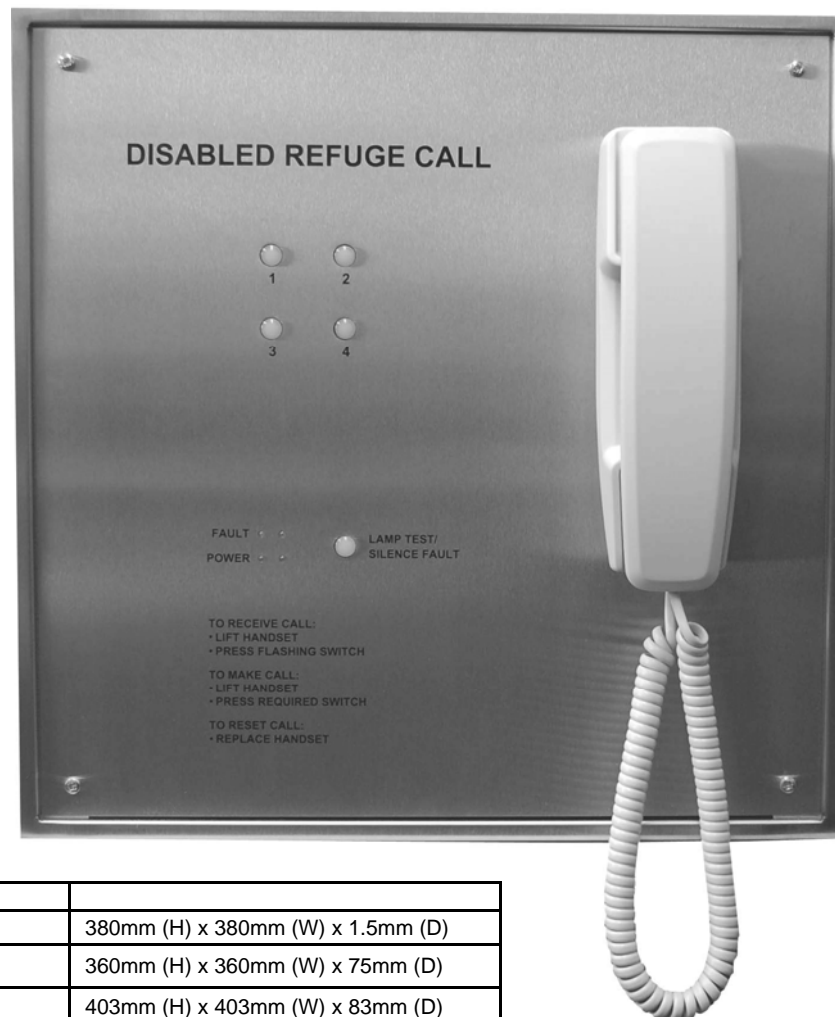
Disabled Refuge Call System RADIAL (RS4)

CDC/R/RS4 Revision 4, 16th June 2009

The system provides a simple means of connecting up to four remote locations to a central (master) station using an independent telephone link, continuously monitored when not in use, and utilising a battery supported power supply, to allow compliance with the relevant sections of BS5839 & BS9999.

In the simplest configuration, two handsets automatically calls the other when lifted. Lifting the second handset will cancel the ringing current, and allow a normal **TWO WAY** telephone conversation to take place.

Replacing the handset resets the system.



Dimensions: -	
Control panel	380mm (H) x 380mm (W) x 1.5mm (D)
Flush back box	360mm (H) x 360mm (W) x 75mm (D)
Surface Sleeve	403mm (H) x 403mm (W) x 83mm (D)

Up to a maximum of 4 remote units can be used at slave positions and still be monitored. To enable the four individual call location Led's and switches to function, each remote station is connected via a separate single pair cable. All units may conference on the line if required.

In a quiescent state, the system is monitored for power supply failure and line damage, in addition to handset removal. A volt free changeover contact is provided for remote fault reporting.

In the simplest configuration, a single pair cable is routed from the central unit to each location.

A mains powered 24 volt DC power supply, together with a monitored battery charger and system support batteries are contained in the central unit.

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In a quiescent state, the system is monitored for power supply failure and line damage, in addition to handset removal. A volt free changeover contact is provided for remote fault reporting. The batteries are contained in the central unit.

Wiring configuration :-

- '2' Core (Enhanced Fire Rated) **RADIAL** is routed from the central unit to the slave location.

