

Monitored Direct Call System (MDC) Refuge.



- 'Point to point' two way monitored voice link.
- Battery supported 24V DC power supply.
- Conventional telephone 'ring' tones.
- External visual and audible calling indication states – option

The system provides a simple means of connecting two locations with 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.

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

Replacing both handsets resets the system.

Alternative configurations permit the inclusion of additional visual call status indicators, to allow both audible and visual 'calling' signals to be generated, with a further facility for 'call registered' indicators to be provided if required.

Up to a maximum of 3 telephone handsets can be used at slave positions and still be monitored. Note that this option only permits the 3 remote units to be addressed simultaneously, and not individually. 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.

Weatherproof options are available, with IP65 enclosures for the handsets.

If required, a Hands Free slave unit can be supplied. Note that only a single slave unit can be fitted with this configuration.

In the simplest configuration, a single pair is routed from the central unit to the master handset location and a single pair to the slave handset location. (Note: this pair can be daisy chained to 2 other slave locations if required.

Mains and batteries are contained in the central unit.

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