



## COMPACT SYSTEM MASTER STATION

Disabled refuge master station and control system, with built in PSU and standby batteries  
(add outstations and mains supply for full system)

Integral speaker and microphone  
Adjustable audio output up to 80 dB  
Keyed enable switch and external enable trigger  
LCD system status display and fault LED

Audio path fault monitoring with test button and external trigger  
Mains supply monitoring and reporting  
I/O for BMS or other external systems  
Optional IP interface

Lockable hinged front panel for easy access  
Similar to fire panel size and quality  
Custom refuge area and operating instructions labels  
Surface or semi-flush mount

Can be combined with disabled toilet alarms, fire telephone and other systems

**FOR DISABLED REFUGE SYSTEMS**



## FOLKNOLL DISABLED REFUGE SYSTEMS

Our Disabled Refuge EVC series comprises a range of easy to install, easy to install, configure and operate equipment, enabling you to install a wide variety of cost effective BS5839-9 compliant vandal resistant disabled refuge EVC systems.

### RA7810.01 COMPACT MASTER 10 WAY

The RA7810.01 is a integrated master station and control system for up to 10 disabled refuge outstations. Only outstations, cabling and a main supply are required to construct a complete BS5839-9 compliant refuge system - making our compact system an easy route to BS compliance.

### CALLING OUTSTATIONS

The master station has an built-in microphone and speaker for talking to outstation users (no handset required). The gain and output can be adjusted to suit the operating environment with a maximum output of 80 dB. There are outstation buttons and LEDs for accepting / terminating / making calls and indicating call status. The panel also has an LCD display showing waiting calls, system status etc. and a red LED to indicate fault detected. Additional buttons are provided for automatic testing and system configuration.



### MANUAL / AUTO DISABLE

The master station has a keyed enabled switch located on the front panel. When not in use the unit can be disabled to prevent unauthorised use and nuisance calls. If an emergency situation arises the unit can be re-activated manually or automatically by means of an **enable input**. For example a fire alarm system could automatically enable the disabled refuge master station when a fire is detected.

### AUTOMATIC AUDIO PATH TESTING

The refuge system has automatic audio path testing which can be initiated by means of a button on the front panel or by means of a **test input** for external systems-ideal for BMS etc.

### REMOTE MONITORING OPTIONS

The control system also provides an output for remote monitoring of faults. An optional network interface is available for monitoring over a network by event log systems, PC based workstations etc.



### REPEATER STATIONS

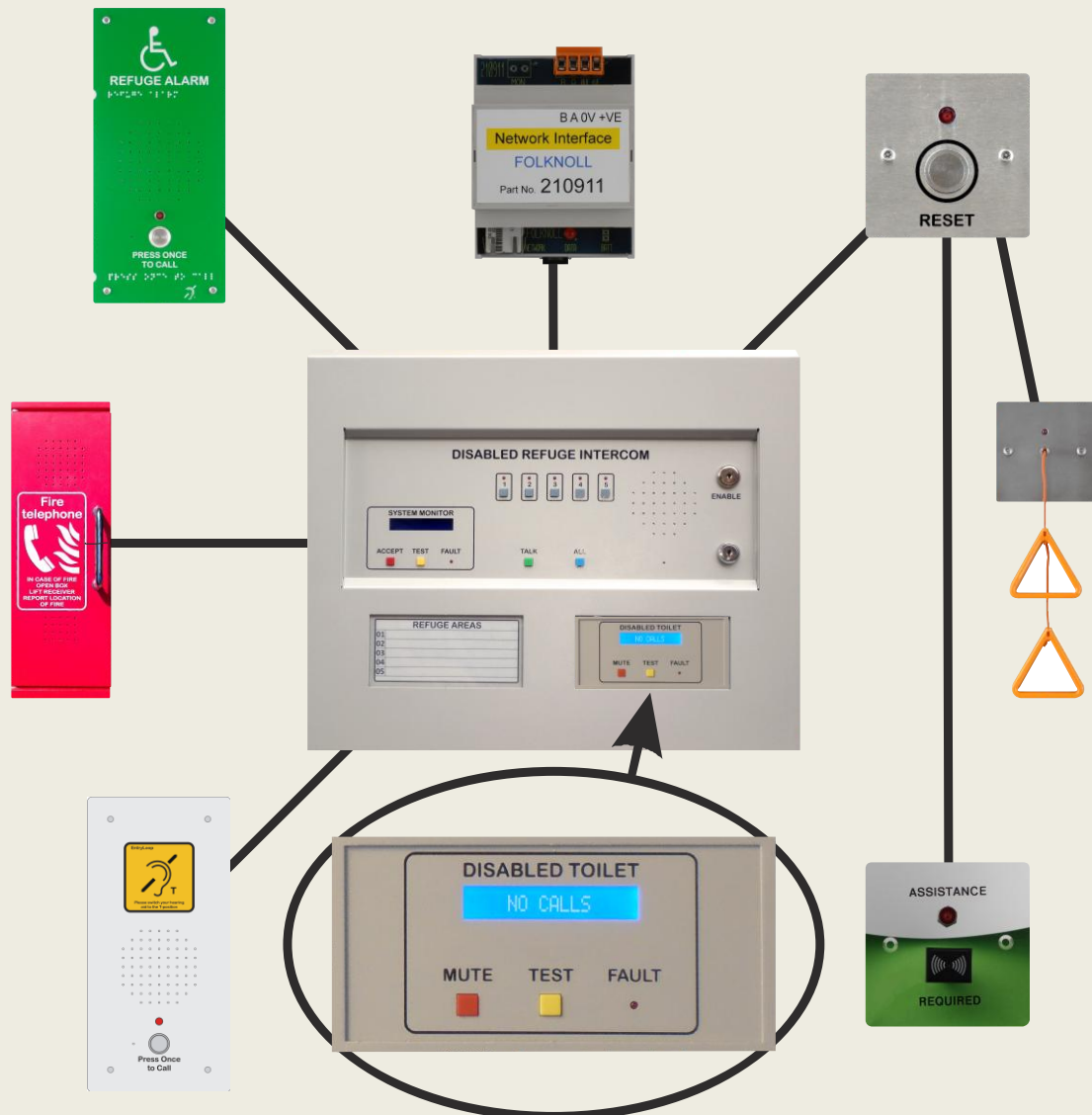
Master stations can act as a repeater stations for other master stations allowing the extension of the refuge system to standby control rooms etc.

### MASTER STATION ENCLOSURE

The master station enclosure is made from mild steel and has a grey paint finish with black annotation. Other finishes and alternative annotation is available on request. There are windows in the front panel for refuge area identification labels and simplified operating instructions. The unit has a lockable hinged front panel providing authorised access for installation and maintenance. The master station is designed for surface mounting. A bezel is available for semi-flush mounting if required.

### COMBINED SYSTEMS

Our compact refuge systems can also be combined with fire telephone, disabled toilet alarms and other systems. Providing a cost effective and space efficient solutions for smaller buildings.



Additional displays can be mounted in the label windows.

## PART NUMBERS

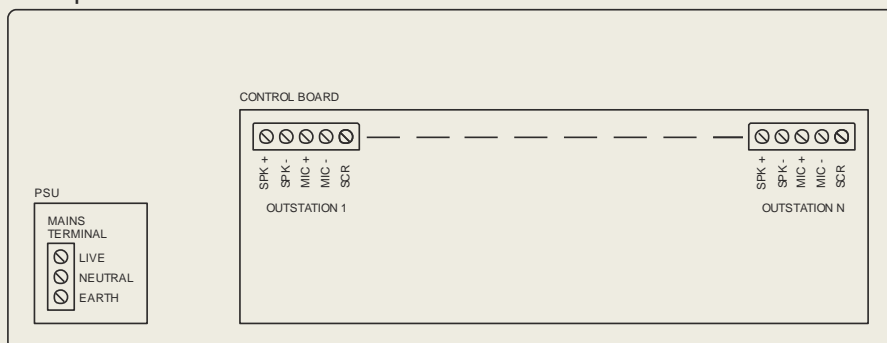
RA7810.01	Disabled Refuge EVC Compact Master 10 Way
RA7850.00	Bezel for semi-flush mount
RA7750.00	Battery set

## SPECIFICATIONS

Hinged front panel:	Mild steel. grey painted, black annotation
Enclosure:	Mild steel, grey painted
Mounting:	Surface / semi-flush
Dimensions (surface):	Width: 457 mm, height: 408 mm, depth: 150 mm (approx.)
Dimensions (semi-flush):	Width: 566 mm, height: 485 mm, depth: 125+25mm (approx.)
Power:	230 V AC.
Audio path test input:	Volt free
Remote enable input:	Volt free
System fault output:	Closing contact (COM/NC/NO)
Audio output:	Adjustable (max: 80 dB)

## CONNECTIONS

Compact Master Station



## DESIGNED FOR LIFE

At Folknoll all equipment is designed by experienced engineers for easy installation, simple configuration, straightforward operation, low maintenance and high reliability.

## CUSTOM UNITS

Folknoll is a customer focused company. If you need special software features, custom made units or special systems please contact Folknoll and discuss your requirements with one of our engineers.

## FURTHER INFORMATION

For further information or support for any of our wide range of products, systems and services please contact **Sales at Folknoll, Old North Rd, Royston, HERTS, SG8 5DT, UK.**

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