



## FEATURES

- Controls up to 5-off slave outstations
- Microphone level adjust for slave outstations
- Speaker volume adjust for slave outstations
- I/O for BMS or other external systems
- Fused
- Mild steel surface mount enclosure
- Knockouts for cable glands designed to accommodate larger fire resistant cables

## DESCRIPTION

The Disabled Refuge EVC series is a range of easy to install, easy to configure and easy to operate BS5839-9 compliant equipment, designed to enable you and your clients to install BS5839-9 compliant vandal resistant disabled refuge EVC systems of up to 20 outstations.

The standard system controller interfaces controls up to 5-off outstations. Outstations are star wired to the controllers using 2 pair cable. Controllers are looped together with the master station over 3 pair cable. The combination of loop and star cabling enables installers to match system cabling to building layouts. The standard system controller allows adjustment of slave outstation microphone and speaker level. The standard system controller will test the audio path to all slave outstations. Testing is triggered externally e.g. by BMS or timer. Faults are reported at the master station and there is a fault output for indication to external devices e.g. BMS. The standard system controller is powered from the 3 pair loop through cable.



### PART NUMBERS

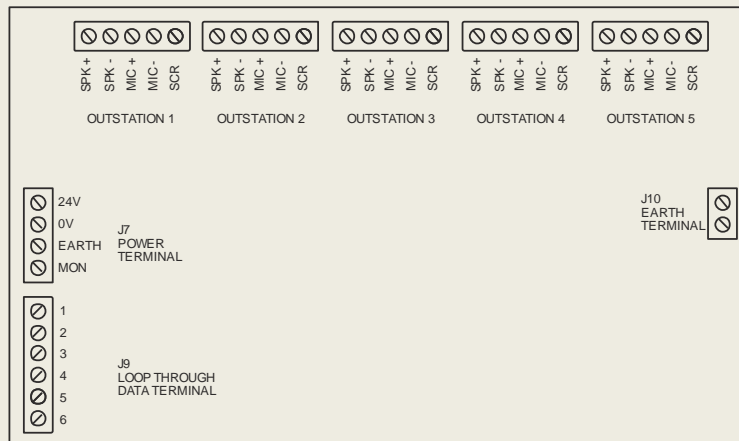
RA7700.02 Surface mount, standard system controller

### SPECIFICATIONS

Enclosure: Mild steel  
 Finish: White painted, Black annotation  
 Mounting: Surface  
 Dimensions (surface mount): Width 320mm, Height 220mm, Depth 72mm (approx.)  
 Power: 24V from standard system monitored battery backed PSU  
 Internal fuse: 2 amp  
 Audio test input: Volt free  
 System fault output: Closing contact (COM/NC/NO)

### CONNECTIONS

Standard System Controller



### DESIGNED FOR LIFE

At Folknoll all equipment is designed by experience engineers for ease of installation and operation. In particular the design of all Folknoll Disabled Refuge EVC systems have taken into account the BS requirement to use larger fire resistant cabling, providing cable termination within enclosures, allowing room for larger glands and avoiding the need for additional junction boxes.

### CUSTOM UNITS

Folknoll is a customer focused company. If you need special software features, custom made units or larger systems, then please contact Folknoll to discuss your requirements.

### FURTHER INFORMATION

Please contact us for further information about the wide range of Folknoll products and systems. Folknoll Group, Old North Rd, Royston, HERTS, SG8 5DT, UK

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