

EM-181Mu

User Guide

Rev: 1.0.2133.2

Description



The EM-181Mu master controller is the heart of your emergency lift communication system. Feature rich and designed to meet the latest EN-81-28 standards. Supporting up to eight stations providing high quality, hands-free loud speaking intercom and emergency auto-dialling.

Features:

- EN-81-28 compliant
- · Built in battery backup
- Self-test via P100 & Pixels RPMS monitoring solutions
- Remote (DTMF) & local (SD Card) programmable
- Robust 4-wire DataBus station connectivity
- · Intercom paging
- · Support for eight programmable emergency help numbers
- Programmable I/O with global alarm filtering option
- LED System Status Indication
- Single telephone line analogue FXO interface
- Voice storage programmable site identification message
- Advanced system and telephone programming options



Installation & Setup

- Mount the EM-181Mu using the DIN Rail mounting clip
- Referencing the Installation Diagram (back page), connect the:
 - Telephone line to Phone Line input
 - Power supply to the DC IN input

Once powered the status LED will blink BLUE indicating both power and telephone line is connected. Refer to Installation Diagram (back page) for additional LED status indicators.

3 Dial into the line number connected to the unit from your mobile or telephone handset.



Default System PIN: 123

Program your emergency help number by entering;







PIN 9 # 0 HELP NUMBER *



To verify your entry, enter 🚼 🕕





PIN # 9 Wait for 2 beeps to commence

Once you complete your recording, press 0 to end.

To hear playback voice message, enter * 9



6 The unit provides connectivity to the intercom stations, refer to the EM-181/S & SK Installation Diagrams to prepare the wiring and finalize the system installation.



Check station wiring before connecting to EM-181Mu

Once all stations are connected back to the EM-181Mu, incoming & outgoing test calls can be made to ensure all devices are setup and operational.

Specifications

Operating Voltage	18 - 24V DC
Operating Current	EM-181Mu: 150mA EM-181/S (SK): 18mA
Inputs	Dry Contact, Active Low (ON)
Output	Open Collector, 24V 50mA (max)
StationBus	4-wire, 400m (max), 8 Station Total
Status Indication	Status (RGB LED)
Voice ID Message	16 seconds (max)
Battery Type	12V SLA 0.8Ah
Battery Runtime	4 Hours (Standby)
(4 Station Install)	2 Hours (Talk Time)
FXO Interface	24 - 50V DC, 3kV Isolated, Analogue Line
Operating Temperature	0 - 50°C
Operating Humidity	90% max relative humidity, noncondensing
Mounting	DIN Rail
Dimensions (mm)	81.5(W) x 118.5(H) x 54(D) (with DIN Rail)



