



Installation & Setup

- 1 Set the **unique** station ID using the DIP Switch Settings
- 2 Prepare the StationBus wiring, as detailed in the diagram below.
 Check station wiring before connecting to master controller.
- 3 Mount the EM-181/SK using the mounting Bracket or DIN Rail mounting clip.
- 4 Connect the StationBus terminal connector to the EM-181/SK.
- 5 Connect the remote end of the StationBus to the master controller to power up unit.
 Ensure all installation steps are complete at master controller
- 6 Upon power the unit will emit four beeps & LEDs on the buttons will cycle through.
- 7 The station is now ready for use.



Incoming & outgoing test calls can be made to ensure all devices are setup and operational.

DIP Switch Settings

The unit provides DIP switch selectable programming as follows:

NOTE: For CD-LX-SG3 Systems please refer to the CD-LX-SG3/4P User Guide for alternate station ID mapping.

Station ID

| DIPS | 1 | 2 | 3 |
|-------|-----|-----|-----|
| MR | OFF | OFF | OFF |
| TOP | OFF | OFF | ON |
| CAR | OFF | ON | OFF |
| PIT | OFF | ON | ON |
| SPARE | ON | OFF | OFF |
| AUX-A | ON | OFF | ON |
| AUX-B | ON | ON | OFF |
| AUX-C | ON | ON | ON |

Factory Default: MR

Speaker Volume

| DIPS | 4 | 5 | 6 |
|------|-----|-----|-----|
| LOW | ON | OFF | OFF |
| MID | OFF | ON | OFF |
| HIGH | OFF | OFF | ON |
| MAX | OFF | OFF | OFF |


Factory Default: Max

Microphone Level

| DIPS | 7 | 8 |
|------|-----|-----|
| LOW | ON | ON |
| MID | ON | OFF |
| HIGH | OFF | ON |
| MAX | OFF | OFF |

Factory Default: High

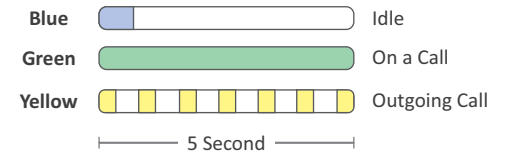


 Each station connected to the Station Bus must have a unique address.




Speaker

1W, 8 Ω , 80dB at 1m
Adjustable Volume
via DIP setting

LED Status Indicator




Button Interface

-  **End a Call**
Press to end a call
-  **Alarm Call**
Press to make an emergency alarm call
YELLOW LED brightness will increase when dialling out & on call
-  **Page ALL**
Press to Page all stations on the lifts StationBus
Press to Answer an incoming Page & establish two way comms
GREEN LED brightness will increase when Page Call activated

Alarm Logs

All outgoing alarm calls are registered by the master controller.

If enabled at the master controller, Alarm LED at the stations remains ON indicating an Alarm Call had been made. (EN81-28:2018 compliant)

-  If the alarm log feature is enabled, you can reset Alarm Logs at the MR(SK) station by pressing and holding the RED power button for 10 seconds.




SCAN ME
To access product
page on your tablet
or smart phone

| | |
|--------------------|---------------------------------------|
| Operating Voltage | 7V (min) - 24V (max) DC |
| Operating Current | Idle: 20mA, On-Call: 130mA |
| Operating Temp | 0 - 50 C |
| Operating Humidity | 90% relative humidity, non-condensing |
| Mounting | DIN Rail and Bracket options |
| Dimensions (mm) | 81.6(W) x 110.5(H) x 19.6(D) |

Compatible with EM-181Mu, CD-LX1/MD181, CD-LX-SG3/4P Master Controllers

Data & V+


 Keep away from high voltage wiring & DC & VF drives



Signal & OV + (Shield)

For improved noise immunity

Recommended Cabling:
20AWG/0.5mm² STP
Belden 9402 or equivalent

| | | | | |
|---|-------------------------------------|-------------------------|---------------|----------|
|  | EM-181/SK | | Date: | 01-09-24 |
| | Installation & Operational Overview | | | |
| | Designed By: D.H | Revision: 3.0.2435.0 | Sheet: 1/1 | |