

Installation & Setup

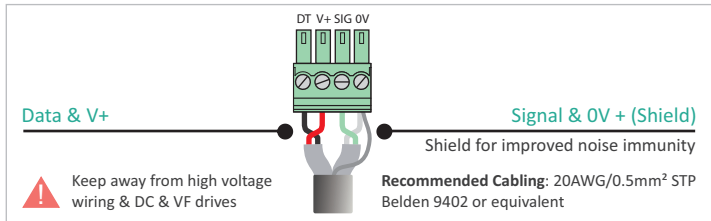
- 1 Set a **unique** Station ID using the DIP Switch Settings.
- 2 Prepare the StationBus wiring, as detailed in the diagram below.
 - ⚠️ Check station wiring before connecting to master controller
- 3 Connect the StationBus terminal connector to the unit.
- 4 Mount the unit using the wall-mounting holes.
- 5 Connect the remote end of the StationBus to the master controller to power on unit.
 - ⚠️ Ensure all installation steps at the master controller are complete
- 6 When powered on, the unit will emit multiple beeps and cycle through button LED's.
- 7 Once the LEDs finish cycling, the unit is ready to use.



Incoming & outgoing test calls can be made to ensure unit is setup and operational.

StationBus (400m max)

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



Loudspeaker

Intercom Page All receive mode only, to communicate lift handset to speak.

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



⚠️ Each station connected to the Station Bus must have a unique address.
Factory Default: MR

Loudspeaker Volume

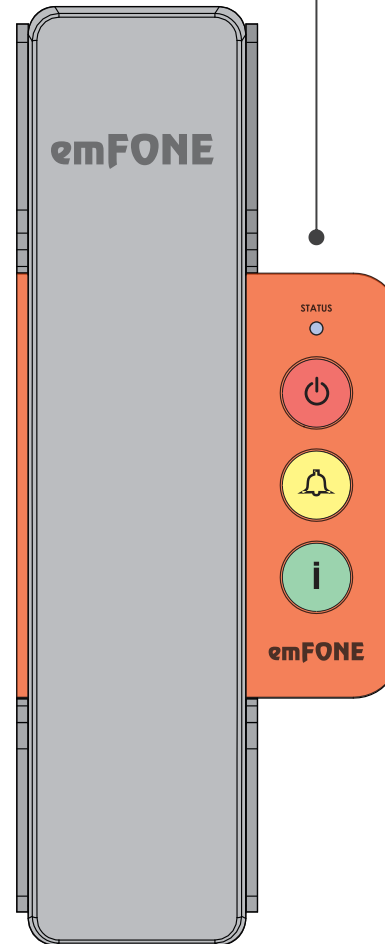
DIPS	4	5	6
LOW	ON	OFF	OFF
MID	OFF	ON	OFF
HIGH	OFF	OFF	ON
MAX	OFF	OFF	OFF

Factory Default: Max

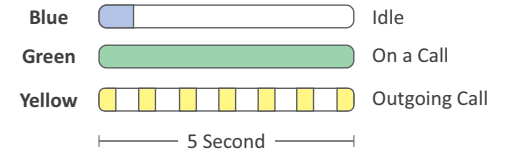
Microphone Level

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

Factory Default: Max



Status LED Indicator



Button Interface

- End a Call**
Press to end a call
- Alarm Call**
Press to make an emergency alarm call and lift handset to speak
YELLOW LED brightness will increase when dialling out & on call
- Page ALL**
Press to Page stations on the StationBus or answer an incoming Page & establish two way comms and lift handset to speak
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
Loudspeaker	1W, 8 Ω, 80dB at 1m
Operating Temp	0 - 50 C
Operating Humidity	90% relative humidity, non-condensing
Mounting	Wall Mount options
Dimensions (mm)	83(W) x 203.6(H) x 52.5(D)

PIXEL TECHNOLOGIES	EM-181SH	Date:	15/01/2026
	Installation & Operational Overview		
Designed By:	Revision:	Sheet:	
D.H	1.0.2603.0	1/1	