

## CD-BI/SL INSTALLATION DIAGRAM

- 1 Program Landing Position**  
Program the landing station as per programming sequence.
- 2 Install Station**  
Mount the intercom station using the base plate.  
  
Connect the unit's CAT6 cable into the RJ45 splitter.  
  
Connect the CAT6 extension from the RJ45 OUT to the next landing's RJ45 IN.
- 3 Power the Bus**  
If the intercom station is located at the first landing and a CD-BI/M (Master Controller and GSM Dialler) is installed, power is sourced from the POWER/DATA bus of the CD-BI/M.  
  
If the landing stations are solely functioning as an intercom to the car stations, power is provided from the CD-BI/PSU located in the machine room via the CD-BI/TE kit.  
  
NOTE: An additional CD-BI/PSU (power supply) is required at every 25 landing stations installed.
- 4 Ready for Use**  
The CD-BI/SL is now ready for use. To operate use the membrane keypad.

### TECHNICAL SPECIFICATIONS

Operating Voltage	18V - 30V DC
Standby Current	20mA (maximum)
Operating Current	50mA - 130mA (maximum)
Data Bus	P2P Single Wire   78 Stations (max)
Signal	600 Ohm Impedance
Speaker Level	80dB (max)
Microphone Sensitivity	Adjustable - 5m range
Operating Temperature	0°C - 50°C

Please refer to [www.pixeltechnologies.com.au](http://www.pixeltechnologies.com.au) for warranty disclaimer, mechanical drawings and serviceable parts.

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**PIXEL**  
TECHNOLOGIES

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## WIRING

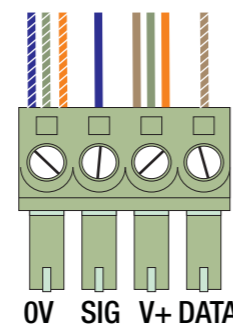
Units are internally pre-wired for easy plug and play installation.

OV: BLUE/W, GREEN/W, ORANGE/W

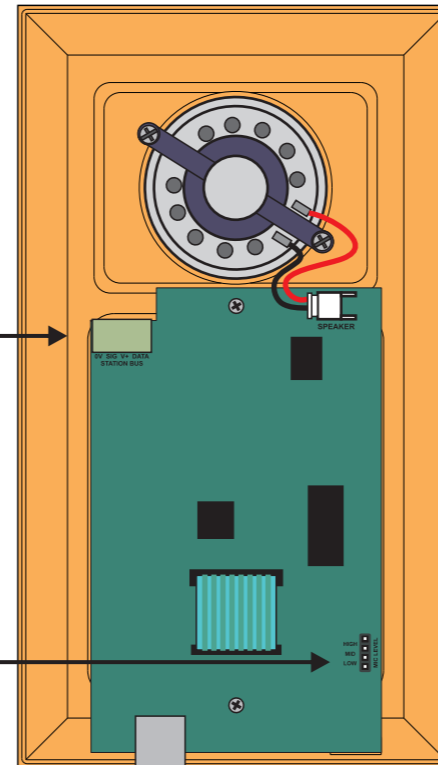
SIG: BLUE

V+: BROWN, GREEN, ORANGE

DATA: BROWN/W



HIGH  
MID  
LOW  
MIC LEVEL  
ADJUSTABLE  
MICROPHONE LEVEL  
(Jumper Setting)  
Default: MID



## OPERATION

**WHEN A LIFT CAR STATION (CD-BI/SC) IS INSTALLED:**

**TO CALL A LIFT CAR**

Press and Hold the respective LIFT button to talk and release to end the call.



**TO CALL ALL LIFT CARS**

Press and Hold the CALL ALL LIFTS button to talk and release to end the call.

CALL ALL LIFTS

The In Service LED will illuminate ON when the corresponding Lift Car is in service.



When on a call the status LED will illuminate ON.



If another station is on a call the status LED will blink, indicating the line is busy.

**WHEN AN EXTERNAL DIALLER (CD-BI/M) IS INSTALLED:**

**TO CALL FIRST AID**

Press and Hold the FIRST AID button. A siren will sound during button press. Once 5 seconds has elapsed, release the button and the call will be made to the programmed calling destination.



**TO CALL THE SITE OFFICE**

Press and Hold the SITE OFFICE button. A siren will sound during button press. Once 5 seconds has elapsed, release the button and the call will be made to the programmed calling destination.



## PROGRAMMING

**TO PROGRAM THE LANDING STATION**

1. Connect the CD-BI/SC assigned as Lift Car 1 for the particular install to a RJ45 splitter.
2. Connect power to the RJ45 splitter via a CD-BI/PSU.
3. Press and HOLD the LIFT 1 button on the CD-BI/SL landing station and connect the CAT6 cable to the RJ45 splitter.

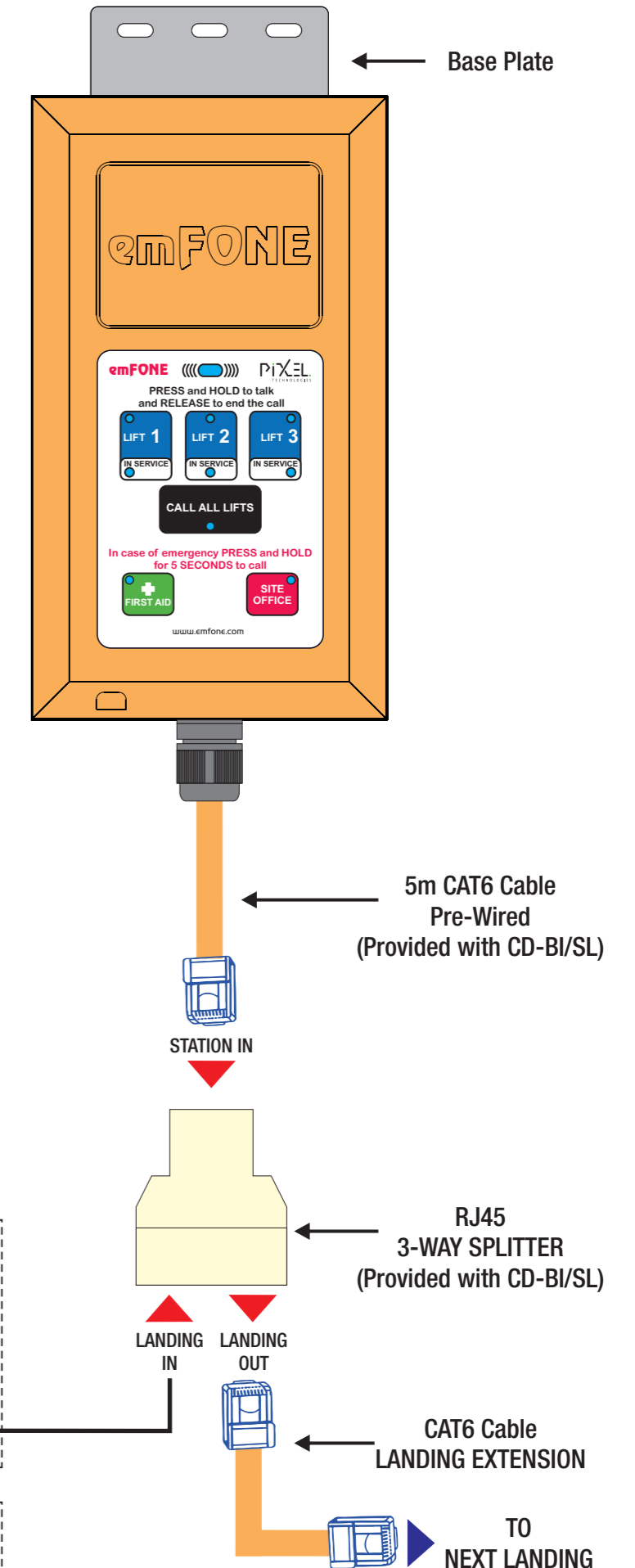


One short beep is heard on power up.

The landing station is now ready for use.

NOTE: Unit must be installed on to the same network bus as the CD-BI/SC station used when programming.

## INSTALLATION



**LANDING IN:** Connect POWER/DATA bus from CD-BI/M, landing extension from previous landing or a CD-BI/PSU power supply injector at every 25 landings.

Refer to individual installation diagrams for further details.

NOTE: Keep all cabling away from DC/VF drives & high voltage wiring.