

emFONE[®]

Emergency Telephones

EMERGENCY COMMUNICATION SYSTEM



PIXEL.
TECHNOLOGIES

Emergency Communication System

The emFONE LX System is an auto-dialling lift intercom system designed to save both time and money in all aspects of the installation.

A single telephone line can be shared by up to 32 intercom stations and a robust 4-wire bus arrangement allows simple cabling solutions avoiding the need to run individual wires to each intercom station.

The system will dial out to the lift company using the single external line connected to the master, identifying the lift no and location of the call. The unit can be programmed to then automatically dial out to building management following the call to the lift company.

The system will help a person unable to communicate with the service provider, either because of a physical disability or language difference. A remote programmable digital voice message, of up to 16 seconds, is played upon answer of the call, and is used to identify the calling location to service provider.

The lift company can ring into the system and select any lift car or intercom station to communicate with or if necessary talk to all intercom stations by a group page.

FEATURES

- Auto-dialling, loudspeaking, lift intercom system
- Built-in system auto scan and detect, for ease of installation
- Designed to meet EN81-28 standards
- Self diagnostics and event reporting to control center
- Back up battery system
- Fully programmable
- Robust 4-wire bus avoids the need to run additional cables up the shaft, up to 32 stations
- Internal intercom will allow communications between any station, including a group page
- Hands free loudspeaker with volume control
- Programmable output relays
- Alarm filtering option uses an I/O card to reduce nuisance calls
- Self-diagnostic capability

LX System Hardware



CD-LX8/M
(Up to 8 lifts, 32 stations)



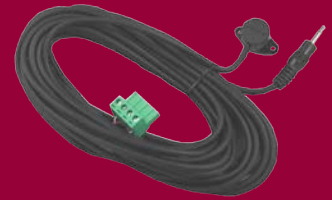
CD-LX/SK



CD-LX/SL
Internal Speaker
and Microphone



CD-LX/SLX
External Speaker

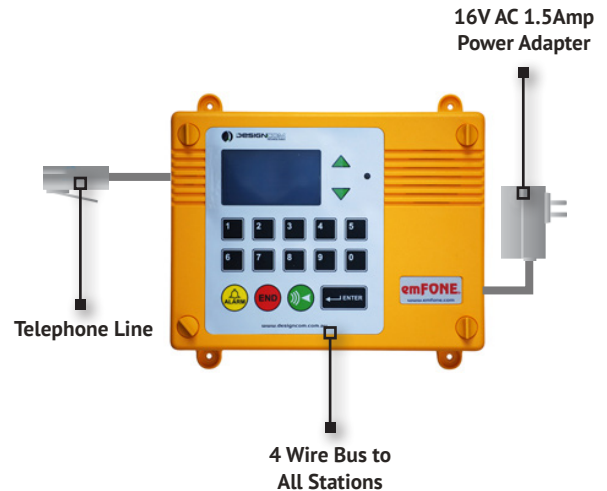


CD-LX/SLX
External Microphone

SPECIFICATIONS

Operating Voltage	110V AC - 240V AC 50HZ
Operating Current	60mA (Standby), 350mA (Operating)
Operating Temperature	0°C to 75°C
Telephone Line Voltage	24V - 50V DC
Telephone Line Current	10mA - 90mA
Dialling Method	Tone (DTMF)
Back-up Battery System	Lead Acid - operating life of 3 years minimum
Battery Operating Time	8 hours standby - 4 hours full operation
Digital Voice Message	Non Erasable Memory - 100 year message retention & 100,000 record cycles
Message Length	16 seconds, user programmable remotely
BAUD Rate	38400bps
Relay Contracts	NO/NC selectable - 2A/24V DC
Cable	Paired wire, 2 off

EASY WIRING

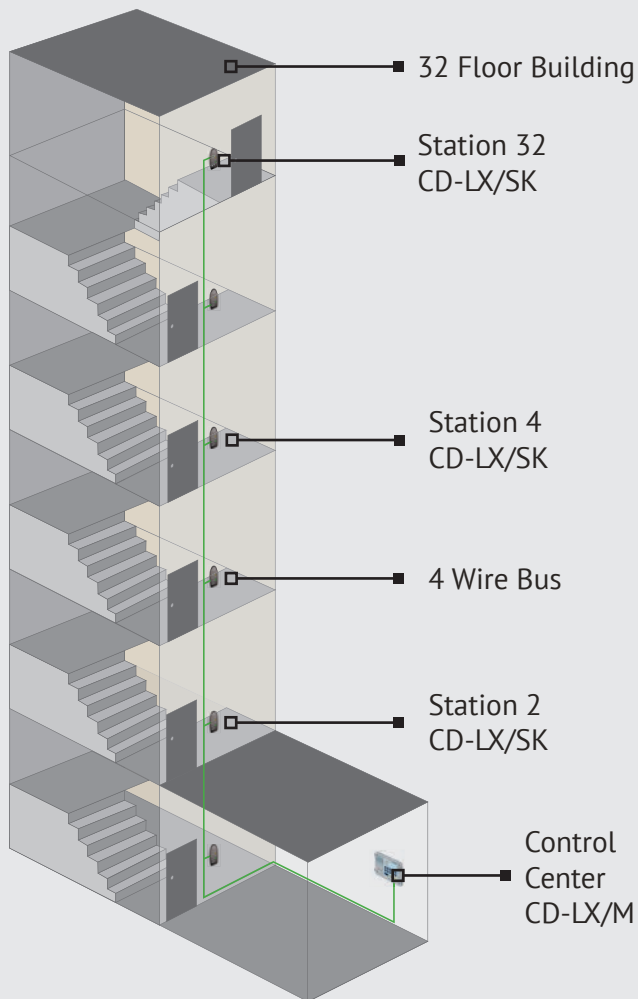


Telephone Line

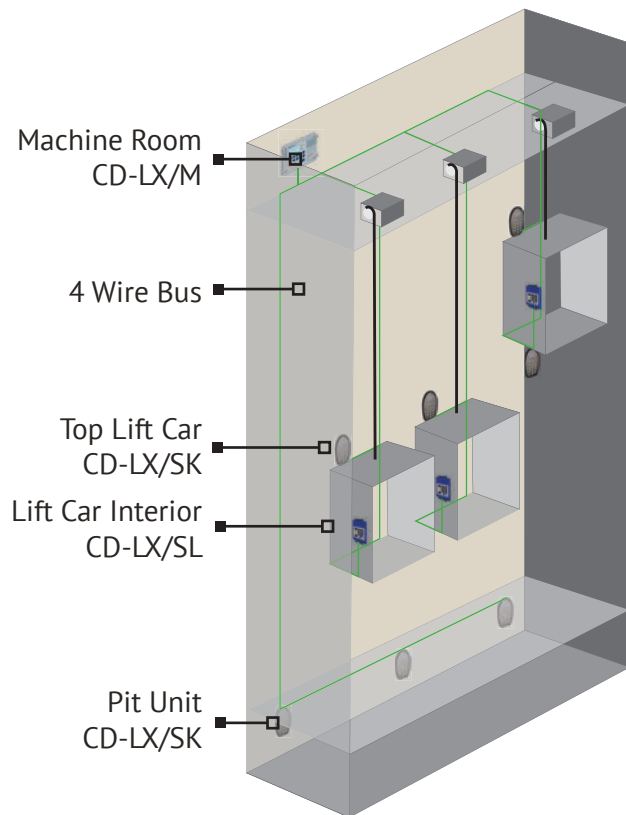
16V AC 1.5Amp
Power Adapter

4 Wire Bus to
All Stations

Building Intercom System Model



Working Lift Model





Contact Us



+61 (03) 8787 2888



Bases in Melbourne, Brisbane,
Sydney & Singapore.



www.pixeltechnologies.com.au
info@pixeltechnologies.com.au

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