

emFONE

LX-5 (Emergency Telephone)

Publication Number: PB156/0205

Application

emFONE provides two way voice communication between a standard pushbutton telephone and up to eight lift cars on one site.

EmFONE Key Features

EmFONE Monitoring Station (EMS) can be any Dual Tone Multi Frequency (DTMF) telephone with * and # keys, compatible with the Public Service Telephone Network (PSTN).

- Auto-dial of up to eight pre-programmed numbers in turn, up to 15 dial attempts.
- Hands free telephone operation in the lift car.
- Optional pit or car top stations (motor room built into master station).
- Audible and visual call progression in the lift car or other activating stations.
- Last call feature to reconnect to same alarm location.
- Voice message site identification as standard.
- Intercom system between keypad stations available as standard.
- Two way communication - clear and unchopped.
- Up to eight hours (stand by) and four hours (full) battery backed operation.
- BABT & CTR21 European wide approved Communicator Unit.
- Pre-programmed telephone number and voice message to reduce site setup time and errors.
- Remote programming of telephone numbers and location message.
- Loudspeaker Microphone Unit for integration into a new car station or optional wall mounting faceplates.
- Up to eight lifts can share a single telephone line without a line splitter.
- Any lift can be called and monitored from most DTMF telephones including mobile.
- Connects to volt free contacts on an existing alarm system, or new alarm pushbutton.
- Anti-nuisance delay on alarm push.
- Alarm filtering through input card.

Operation

After a single press of the in-car alarm pushbutton, emFONE automatically dials up to eight pre-programmed telephone numbers in turn, until call acknowledged.

emFONE provides audible and visual reassurance of call progress to the lift occupant (call activated, telephone online).

Call progress is relayed to the user with a yellow hidden legend "call activated" indicator activated once an alarm signal has been present for three seconds. Using the alarm button and illuminating it in yellow is also acceptable by code. A complimentary reassurance message is also relayed to the lift occupant (see data sheet number PB155 and examples on following page).

Upon connection to the remote telephone the "telephone online" indicator illuminates and remains on for the full duration of the call.






Upon successful connection of an alarm call, the remote telephone operator is able to listen to site identification message before selecting communication with the lift occupant by pressing - ##.

Up to eight lift cars can share a single telephone line. Alarms from other lifts on the same site are automatically queued and may be serviced by a single call.

It is also possible to speak to all lifts simultaneously by keying - *#99.

Alternatively, lifts can be called and monitored from the remote telephone - selecting any or all lifts from the telephone keypad.

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Contact your local sales office:

Australia	 Australian lift components	t 02 9603 0200	f 02 9603 2700	info@alc.au.com	www.alc.au.com
	 lift material	t 02 9310 4288	f 02 9698 4990	info@liftmaterial.com	www.liftmaterial.com
Canada	 dupar controls	t 519 624 2510	f 519 624 2524	info@dupar.com	www.dupar.com
UK	 LiftStore	t 020 8538 1770	f 020 8538 1771	info@liftstore.com	www.liftstore.com
USA	 the fixture company	t 847 214 3100	f 847 214 2771	info@thefixtureco.com	www.thefixtureco.com

Specification

Power supply	230V a.c. ± 15% (a.c. adapter supplied 16V a.c./1.5A)
Telephone line	Exclusive use of a BT exchange line or internal analogue (P.O.T.S.) telephone extension line (if PABX is suitable) - line must work during power failure
Control voltage to car	12V d.c. derived from the mains supply or internal battery
Battery	12V 2.5 amp-hour sealed lead acid recharged from the mains supply Life up to 8 hours (stand by), 4 hours in use
Alarm signal	Volt free contact on the alarm pushbutton in the car or volt free contact on the existing alarm control system - must be non-latching (can be N/O or N/C)
Temperature	0 to +55 degrees centigrade - operating -20 to +80 degrees centigrade - storage
Humidity	0 to 80% non condensing

Installation

emFONE comprises one master unit and up to four loud speaker microphone stations per car and up to eight cars. The master unit is usually located in the motor room and requires a single phase 230 volt a.c. supply and connection to a standard BT socket via the 431A plug fitted at the end of 1 metre of cable.

It is available as a single or eight lift assembly.

Enclosure 266mm x 225mm x 70mm deep, painted steel with front access, rated IP20
 Cable access Two 19mm diameter holes knockouts in the bottom suitable for plastic trunking
 The master unit can be supplied with pre-programming containing a unique site speech message and telephone numbers, therefore requiring no on-site programming or setting up. (This can also be done on site or remotely).

The loudspeaker microphone station is powered directly from the master unit. Its components are mounted into a plastic box which is in turn fitted behind a vandal resistant faceplate as part of the car station or a roof mounting assembly.

NOTE: The faceplate is an optional extra.

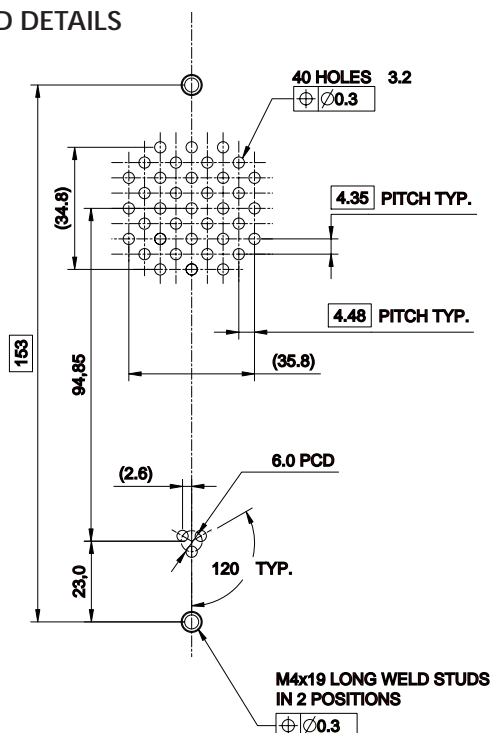
A screened twisted pair core cable connects the telephone control unit to the car mounted loud speaker microphone unit. Discrete terminals are provided to connect each loud speaker microphone unit individually.

The alarm signal can either be a pushbutton contact in the car or a volt free relay contact (non latched) connected to the control unit in the motor room (this can be either N/O or N/C).

Ordering information

1. Telephone master unit type and quantity (1 per site)
LX5/M single lift per site
LX5/M + LX5/E (expansion card) 2 to 8 lifts per site
2. Loudspeaker microphone stations LX5/LSX quantity (1 per car)
3. Loudspeaker microphone station LX5/SK-C (1 per pit + car top + car bottom)
4. Speech phrase per site (16 seconds maximum duration) e.g. trap in at Cromwell Court. Press any number
5. Telephone numbers - from 1 to 8
6. OPTIONAL: type of faceplate - part of car station, roof mounted, wall mounting with or without alarm pushbutton (+ type)

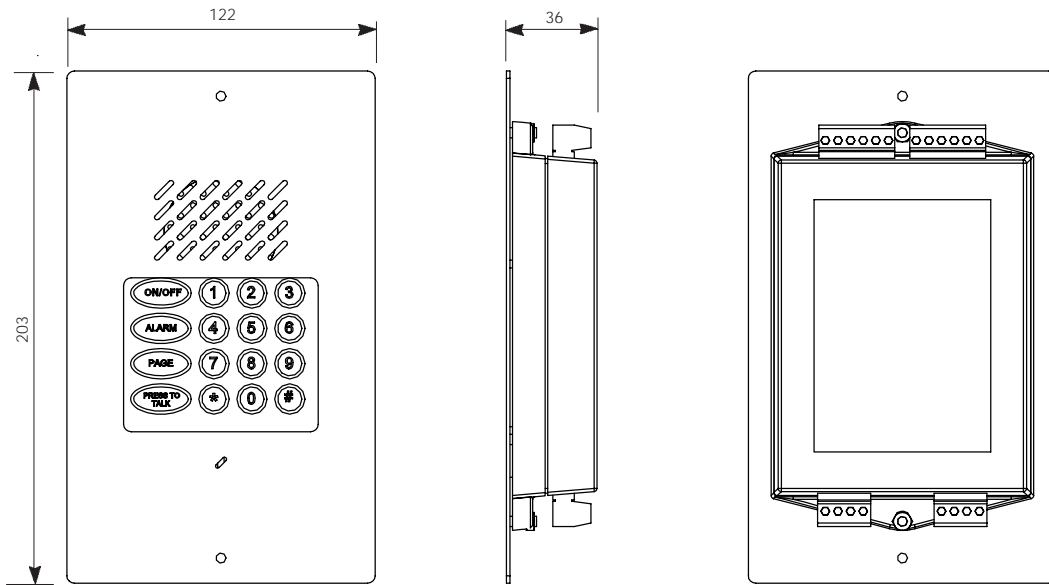
GRILLE AND STUD DETAILS



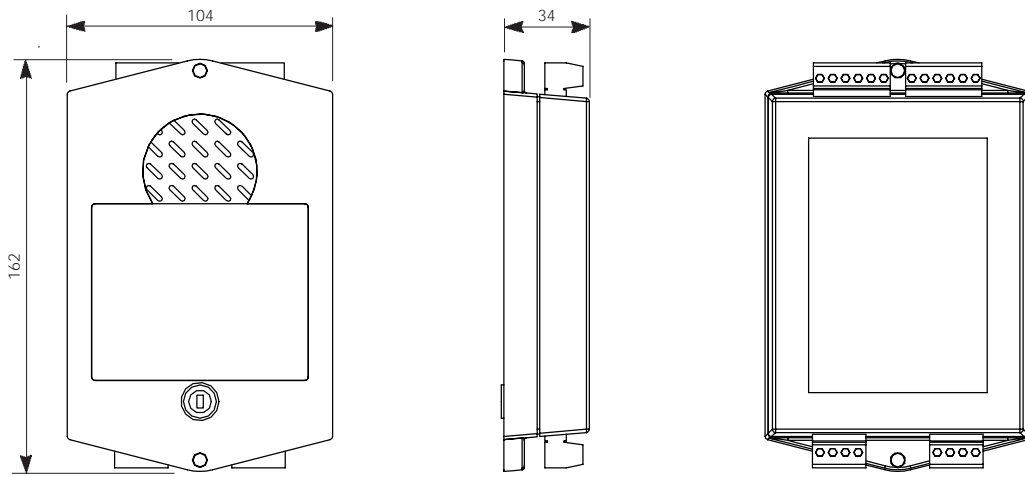
UL200 HIDDEN LEGENDS (see data sheet PB155)



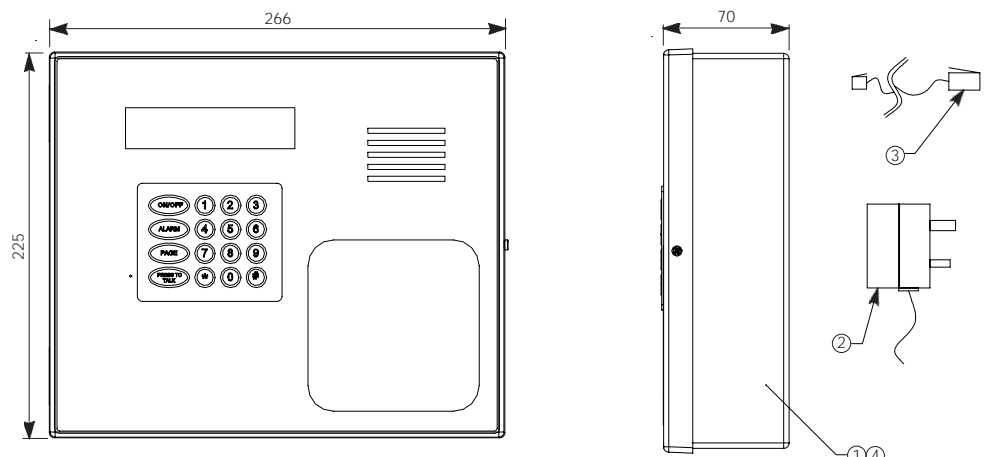
KEYPAD STATION (LX5/SK-C)
(Pit/Top/Other)



PANEL MOUNTING STATION (LX5/LSX)
Car/COP



MASTER UNIT (LX5/M)



ITEM	DESCRIPTION	PART NO.
-	MASTER CONTROLLER ASSY	002096-676100
1	MASTER CONTROLLER BOX	002096-676101
2	POWER ADAPTER	002096-676102
3	RJ11 TO BT TEL. CABLE (2M)	002096-676103
4	12V 2.5A BATTERY	002096-676104