

emFONE[®]
Emergency Telephones

EM-1 LIFT
EMERGENCY TELEPHONE



PIXEL
TECHNOLOGIES

An emergency telephone is one of the most vital pieces of safety equipment used in an elevator. For this reason we have developed a reliable and easy to use product designed and perfected to maintain communication between a person in need of assistance and a service provider.

The EM-1 automatically dials and plays back a recorded message to a service provider alerting them to an emergency, which caters for impaired patrons that are unable to communicate. Built-in LED lights/relays also indicate when a call is being made and when it is answered. If the first programmed number doesn't answer, another two numbers can be assigned to respond.

The recorded voice message played upon answering a call identifies the calling location, which the service provider can playback at anytime using the touch-tone keypad on their handset.

The unit has two on-board relay outputs that can be utilised for multiple functions.

A lift breakdown signal can also be interfaced to the unit's secondary alarm input. This allows for an automated call to be made to a programmed number alerting a service provider of a lift breakdown fault.

SPECIFICATIONS

Operating Voltage	10V-30V (DC), 9V-20V (AC)
Operating Current	10mAmps (Standby) 200mAmps (Operating)
Operating Temperature	0°C - 75°C
Telephone Line Voltage	24V - 50V DC
Telephone Line Current	20mAmp - 90mAmp
Dialling Method	Tone (DTMF) 16-Digit Dialling Capability
Backup Battery System	Nickel-Metal Hydride (5 Years Operation)
Battery Operating Time	12 hours Standby; 2 hours Full Operation
Speaker Volume	8Ω Programmable - 1 Watt (max) / 80dB Level at 1 metre - 425 Hz
Microphone	2K Impedance, Operating Range 5 metres
Trigger Button	2 x Dry Contacts - Optically Isolated
Relay Contact Rating	2A/30VDC
Recorded Voice Message	16 seconds, Locally & Remotely Programmable
SD Card (Optional)	Auto Programming & Logging of Recorded Calls
Self Diagnostic - Lift Car Message Alerts	Phone Line Failure - Every 5 minutes Power Supply Fault - Every 15 minutes

FEATURES

- Pre-configured SD Card allows Automatic Programming & can Record for Playback of Alarm Calls
- Compatible with Remote Phone Monitoring System (EN-81/28 Standards)
- Lift Breakdown Input - Automatic Alert Call to Service Provider
- Three Telephone Number Dialling Capability
- Telephone Line & Power Supply Fault Diagnosis with Lift Voice Alert
- Voice Recording to Identify Calling Location
- Keypad for Direct Programming or Remotely Program via Mobile/Handset
- Voice Feedback & Verification of Actions
- Pre-Programmed Fault Alerts for Telephone & Battery Operation
- Fully Compatible with All Phone Systems
- Two Relays with Fully Programmable Features, Relay for LED Lights (Variable Flash Rates)
- Nickel-Metal Hydride Back-Up Battery



The EM-1 is a compact unit (H 157mm x W 80mm x D 19.5mm). Includes built-in microphone and speaker, or use relays to connect to external equipment.

Program directly with built-in keypad or remotely using a handset/mobile.



EM-1 is quick to install and program