

emFONE

EMERGENCY TELEPHONES



BY PIXEL TECHNOLOGIES PTY LTD

em-1

em-2

em-3

DE-1

em-86HP

www.pixeltechnologies.com.au

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

emFONE[®]

Emergency Telephones

EM-2 LIFT
EMERGENCY TELEPHONE



PIXEL.
TECHNOLOGIES

Telephone line powered emergency point telephone

The EM-2 is designed with fully programmable features to help a person unable to communicate with the service provider, either because of physical disability or language difference.

Designed to help a person unable to communicate with the service provider, either because of physical disability or language difference, the EM-2 is a line powered auto dialing loudspeaker emergency point telephone with fully programmable features.

A remote programmable digital voice message of up to 16 seconds is played upon answer of the call. This is used to identify the calling location to the control center and can be played back at any time by pressing the correct sequence on the remote telephone keypad. Up to three telephone numbers can be programmed into the phones memory. Each number will be called sequentially until either the call is answered or all programmed numbers are exhausted.

Two relay outputs are provided which can be used to illuminate buttons or indicators to alert the user that their call has been acknowledged and/or answered. The unit can be mounted into any setup with its internal or external speaker and microphone options. Once installed, programming is simple, with the option to use the on board keypad or to dial in remotely. No power supply is needed, as the unit is telephone line powered and can be connected directly to a PSTN line or PABX system.

SPECIFICATIONS

Telephone Line Voltage	24V DC - 50V DC
Operating Current	25mA (standby), 90mA (operating)
Operating Temperature	0°C - 75°C
Relay Voltage	9V–24V 1A–No/Nc Selectable
Speaker Volume	Programmable–80dB @ 1 meter 425Hz
Trigger Button	Dry Contacts–optically isolated
Digital Voice Message	16 seconds programmable message

AVAILABLE MODELS

EM-2	Built-in speaker and microphone
EM-2/SM	External Speaker & Microphone

COMMON USAGE:



Entry Gate



Train Station Platforms



Airport Help Points



Building Entrances



Elevators

FEATURES

- Telephone line powered
- Auto-Dialing, Hands Free Loudspeaker
- Built-in or External Speaker and Microphone Options
- 16 Second Voice Storage Location Identification Message
- Programmable via Remote Telephone Handset and Local Membrane Keypad
- Programmable 3 Number Dialing Capability
- Programmable Speaker Volume
- Programmable Relay Options
- Programmable Talk Time
- Programmable Alarm-Button Timer
- Alarm-Button (Dry Contact)
- Two Relay Output Contacts (2 Amps Max)
- Voice Playback of Programmed Parameters
- Integrated Remote Phone Monitoring System (RPMS)



The EM-2 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-2 is quick to install and program

emFONE[®]

Emergency Telephones

EM-3

EMERGENCY TELEPHONE



PIXEL.
TECHNOLOGIES

Telephone line powered emergency point telephone

The EM-3 is designed with fully programmable features to help a person unable to communicate with the service provider, either because of physical disability or language difference.

Designed to help a person unable to communicate with the service provider, either because of physical disability or language difference, the EM-3 is a line powered auto dialling loudspeaker emergency point telephone with fully programmable features.

Up to three telephone numbers can be programmed into the phones memory. Each number will be called sequentially until either the call is answered or all programmed numbers are exhausted.

Two relay outputs are provided which can be used to illuminate buttons or indicators to alert the user that their call has been acknowledged and/or answered. The unit can be mounted into any setup with its internal or external speaker and microphone options. Once installed, programming is simple, with the option to use the on board keypad or to dial in remotely. No power supply is needed, as the unit is telephone line powered and can be connected directly to a PSTN line or PABX system.

SPECIFICATIONS

Telephone Line Voltage	24V DC - 50V DC
Telephone Line Current	25mA (standby), 90mA (operating)
Dialling Method	DTMF
Relay Contact Rating	2A/30VDC
Relay Contact Type	N/O and N/C Programmable Contact Type
Speaker Volume	32Ω 1W
Microphone	2K Impedance, operating range 5 meters
Alarm button	Dry Contacts
Memory	Non Erasable Memory - 20 year message retention and 10,000 record cycles per sector
Operating Temperature	0°C - 75°C

COMMON USAGE:



Entry Gate



Train Station Platforms



Airport Help Points



Building Entrances

FEATURES

- Auto Dialling, Hands Free Loudspeaker
- Built-in or External Speaker and Microphone Options
- Programmable via Remote Telephone Handset and Local Membrane Keypad
- Programmable 3 Number Dialling Capability
- Programmable Speaker Volume
- Programmable Relay Options
- Programmable Talk Time
- Programmable Alarm-Button Timer
- Alarm-Button (Dry Contact)
- Two Relay Output Contacts (2 Amps Max)
- Integrated Remote Phone Monitoring System (RPMS)

AVAILABLE MODELS

EM-3	Internal speaker and microphone
EM-3/SM	External Speaker & Microphone



The EM-3 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.



emFONE[®]
Emergency Telephones

DE-1
ENTRY POINT PHONE



PIXEL.
TECHNOLOGIES

Easy communication and action at the press of a button

The DE-1 button initiates a call to a programmed telephone number, the answering party can then remotely activate an internal relay to open a door or gate, switch on a light or camera

The DE-1 door entry telephone is complete with all essential functions and manufactured to be vandal and harsh weather resist. With a marine grade stainless steel panel in a powder coated aluminium surface mount enclosure.

No separate power supply is required as the unit is telephone line powered and can be connected directly to a PSTN line or PABX system.

Also capable of being remotely reprogrammed via a standard telephone as required by a single telephone call to site. Activating an internal relay can be programmed to react when the phone is answered or by entering a pin into the telephone keypad.

An additional option is an automatic self check function where the telephone periodically reports its status to a central control centre.

The DE-1 is a slim unit - H 250mm x W 120mm x D 22.5mm. Customise your unit with a printed panel (e.g. special messages, and/or company name/logo) or a model with added camera.

SPECIFICATIONS

Telephone Line voltage	24V DC - 48V DC
Operating Current	20mA (min), 90mA (max)
Operating Temperature	0°C - 75°C
Silence Detection	Adjustable 5-90 seconds
Max Dial length	32 Digits maximum
Speaker Volume	Programmable—80dB @ 1 meter Max (line dependent)
Trigger Button	Dry Contacts—optically isolated

MODELS

DE-1/P	Flush mount
DE1/V	Surface mount with camera
DE1/PV	Flush mount with camera

**COMMON USAGE:**

Entry
Gate



Train
Station
Platforms



Airport
Help
Points



Building
Entrances

**FEATURES**

- Auto-dialing, hands free, loud speaking door entry phone
- Telephone line powered
- 3 telephone Number Dialling capability
- Vandal resistant 316 grade stainless steel panel
- IP-63 rated
- Braille call button
- Call acknowledged illuminated button
- 2 x Relay output contact up to 2 Amps
- 0.5 sec to 10 sec programmable button timer



Contact Us



+61 (03) 8843 0700



Bases in Melbourne, Brisbane,
Sydney & Singapore.



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

Proudly Designed & Manufactured In Australia