

LIFT

With our connected and intelligent lift solutions, you enter the third dimension of smart cities.



2G Lift Dialer Box
Code 8D5897B

Emergency Phone System for Lift

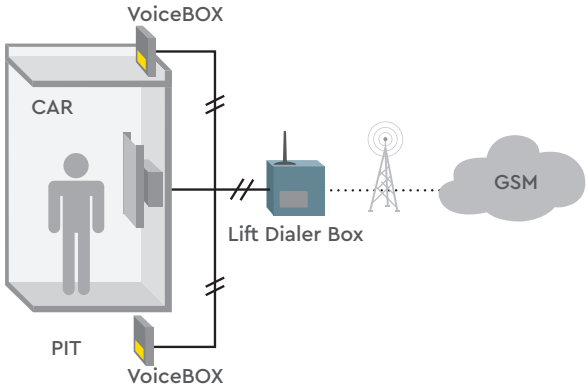
- **EN 81-28 standard compliant**
- **Built-in GSM/GPRS module**
- **Comfort message playback/management**
- **ID generation with DTMF protocol**
- **Local and remote configuration via Tones**
- **Configuration via SMS**
- **230 Vac power supply**
- **Connection to VoiceBOX with only 2 wires**
- **"Triphony" management via VoiceBOX**
- **Quadraphonic management**
- **Technical alarm input**
- **Filter input**
- **Periodic call via CLI or DTMF tones**
- **Relay activation output via SMS or DTMF (local and remote)**
- **IP telemetry on RS232 serial port**
- **Built-in rechargeable backup battery**
- **Upgradeable locally and remotely (via GPRS)**

The Digicom 2G Lift Dialer Box is an innovative and extremely versatile lift alarm system that is quick and easy to install.
It can be used for both **new installations and modernisations**; typical is the wall installation in the lift shaft.

In case of lift problems or blockages, trapped persons can **activate the call to the service centre by simply pressing the button in the car**. Immediately the alarm call will be generated via GSM phone line. At the same time a comfort audio message will be played to inform people that an emergency call has been forwarded to the service centre.
2G Lift Dialer Box generates an identifier via DTMF protocol for correct handling by the service centre.

Thanks to the **implementation of the ADEMCO protocol** (as an alternative to the proprietary protocol) it can be easily integrated into existing call management software. It will then be possible to establish two-way audio communication for alarm management.

2G Lift Dialer Box is able to manage the **periodic call** by programming the frequency according to the needs of the Service Centre and to send technical alarm calls in case of problems and/or reports (e.g. battery change, or blackout).



DIALER

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EASY INSTALLATION

The remote alarm system consists of the central unit, the heart of the system (2G Lift Dialer) and the VoiceBOX for the communication with the Car, Top and Pit. The vocal unit VoiceBOX is equipped with speakers, microphone and 2 leds that signal the various phases of the call as required by EN 81–28 regulation.
The main feature of Digicom's system is the VoiceBOX management with **2 wires** only in auto-powered mode. The audio communication, the power supply and the LED and Buttons management is performed through 2 wires only.
This feature allows a quick installation and it doesn't require any other cabling.

THE CENTRAL UNIT

Made in a rugged metal box for wall mounting, complete with 220Vac/12V power supply and rechargeable backup battery, it is ready for installation. The presence of a filter input and an input for auxiliary technical alarms make it versatile in every situation.
A relay that can be activated remotely via DTMF tones (or via SMS) to open doors and gates completes the equipment.

AUDIO

Particular care has been placed in the projecting of the **bidirectional audio**. The GSM audio management is in digital mode to guarantee the best voice performances.

EASY CONFIGURATION

2G Lift Dialer has been designed thinking of installators' needs. For this reason, a dual configuration mode (DTMF tones and SMS) is possible. By SMS, it is possible to configure the 2G Lift Dialer Box in just a few moments, also verifying the correct configuration or telephone numbers.
If preferred, the classic tone mode can be used (both local and remote).

AN APP AT YOUR SERVICE

4G Lift Dialer can be also set up by Android APP: even simpler and faster.

TELEMETRY OF THE FRAME CONTROLLER

4G Lift Dialer has an RS232 serial port to be connected to the Frame Controller.
Through GPRS network you can reach the Frame Controller for its remote management (through the app of the frame controller manufacturer).

REMOTE UPGRADE

A key function is the ability to upgrade remotely.

TECHNICAL FEATURES

GSM/GPRS MODULE

- Quad-Band 850/900/1800/1900 MHz
- GSM module: GPRS/GSM Class 10
- GPRS: Multi-slot Class 10

OUTPUT POWER

- Class 4 (2W) on GSM at 850/900MHz
- Class 1 (1W) in DCS at 1900/1800MHz
- Plug-in SIM card (1.8V – 3V compatible)

INTERFACES

- 1 2-wire interface for "BUS" VoiceBOX
- 1 FXS interface for Service/Configuration phone
- Removable Screw Terminal Block
- 1 RS232 serial port for Frame Controller Telemetry
- 1 USB Guest Port for Local Update

INPUTS AND OUTPUTS

- 1 Input for Filter
- 1 Input for Technical Alarm
- 1 Relay output (n.c. /n.a) controlled by TONE or SMS

POWER SUPPLY

- Input: +12 ÷ 24 VDC. / 1A minimum
- Backup battery Li-Ion 3.7V (included)
- Max consumption ~ 12W

GSM ANTENNA

- SMA connector for external antenna
- Impedance: 50 ohm

VARIOUS

- Including DIN rail mounting kit
- GSM antenna with 3 m cable
- Dimensions: 170 × 145 × 65 mm
- CE mark and Rohs compliant

VOICEBOX SPEAKERPHONE UNITS

TOP/PIT version | **CAR version** | **Passive version**



CONTENT PACKAGE

- 8D5897B 2G LIFT DIALER BOX
- Omnidirectional 3G/2G antenna
- 12VDC-1A power supply
- Backup battery
- Wall mounting kit
- User's Guide

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