

LIFT

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



2G Lift Dialer
Code 8D5897

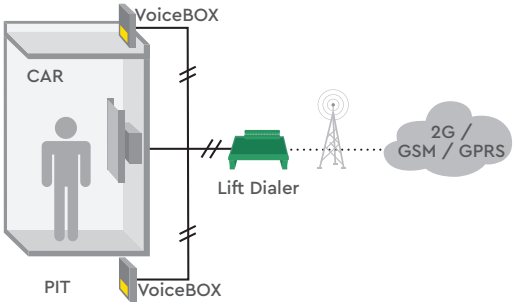
2G Bidirectional Emergency Phone System for Lifts

- **EN 81-28 standard compliant**
- **Integrated 2G/GSM/GPRS module**
- **ID generation with DTMF protocol (P100/ Ademco)**
- **3 pre-recorded audio messages**
- **Local or remote recording of the system identification message**
- **Multilingual**
- **Local and remote configuration via DTMF tones**
- **SMS configuration**
- **Extended Power range from 12-24Vcc**
- **Connection to VoiceBOX with 2 wires only**
- **Voice stations management through VoiceBox**
- **3 inputs for SOS Alarm, Technical Alarm, Filter management**
- **Periodic call via CLI or DTMF tones**
- **Management of 2 relay outputs via SMS or DTMF (Local and remote)**
- **IP Telemetry on RS232 serial port**
- **Rack mounting on DIN rail**
- **Management of rechargeable backup battery (optional)**
- **Local and remote firmware upgrade**

The new **2G lift Dialer is the evolution** of the previous version.
Equipped with an updated GSM module, it is extremely versatile, easy and quick to install, it is used both for **new installations and for modernizatio**n.
The 2G module allows the connection to the mobile operators' GSM networks.

This **new version** of our best seller Lift Dialer integrates some **innovations** such as the Bluetooth interface for the configuration.
2G Lift Dialer is compliant with VoiceBox versions to guarantee the maximum flexibility.
In case of "out of order" conditions with lift lock, the trapped people can activate
the call to the Service Center by simply pressing the button in the Car. The alarm call
will be immediately generated through the GSM telephone line and at the same time a comfort audio message will be played to inform that an emergency call has been forwarded to the Service Center.
2G Lift Dialer will generate an identification for the correct management by the Service Center.

2G Lift Dialer can be easily integrated into existing call management software to perform a bidirectional audio communication for the alarm management.
2G Lift Dialer manages the 72h periodical call scheduling the frequency according to the needs of the Service Center and it can send calls of technical alarms in case of problems and/or signals (i.e. battery replacement, electrical blackout, pit flood alarm, etc.)
At any time it is possible to check the status and configuration of 2G Lift Dialer via SMS.



DIALER

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digicom

EASY INSTALLATION

The remote alarm system is composed by the **central unit**, core of the system (2G Lift Dialer) and by the **speakerphone terminals** for the communication: VoiceBox.
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. You can also connect a simple analog phone for the configuration of the device and for the intercom function.

THE CENTRAL UNIT

Its compact size and the removable screw terminal board make the **installation easier** inside the Frame Controller. Thanks to the filter input and to the input for auxiliary technical alarms the central unit is suitable to any situation.
It is equipped with 2 relays that can be remote activated via DTMF tones or via SMS for the eventual opening of doors and gates or for the management of external indicator lights during the call or for the automatic lock of the system in case of pit flood.

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. This is the reason of its **triple configuration mode**: via DTMF tones from local or remote phone, via SMS and via Bluetooth
The configuration is very fast any mode you chose.

AN APP AT YOUR SERVICE

2G Lift Dialer can be also set up by Android APP: even simpler and faster.

READY FOR THE TELEMETRY OF THE FRAME CONTROLLER

2G Lift Dialer has an RS232 serial port to be connected to the Frame Controller.
Through 2G network you can reach the Frame Controller for its remote management (through the app of the frame controller manufacturer).

REMOTE UPGRADE

In case new functionalities are added, the firmware of 2G Lift Dialer can be remote updated.

TECHNICAL FEATURES

2G/GPRS MODULE

- 2G frequencies
  Dual-Band 800/900/1800/1900 MHz
  GSM module: GPRS/GSM Class 10

OUTPUT POWER

- GSM/GPRS (GMSK) Power Class
  Power Class 4 (33 dBm) for 900 MHz
  Power Class 1 (30 dBm) for 1800 MHz

INTERFACES

- 1 Interface 2 wires for "BUS" VoiceBOX
- 1 FXS interface for telephone (Configuration/intercom)
- Removable screw terminal board
- 1 RS232 serial port (on RJ45) for Frame Controller telemetry
- 1 USB port for local upgrade
- SIM CARD Plug-in (1,8V – 3V compliant)

INPUT AND OUTPUT

- 3 Inputs for SOS Alarm, Technical Alarms, Filter management
- 2 Relays outputs (N.O./N.C.)

POWER SUPPLY

- 12 ÷ 24 Vcc / 1A min.
- Li-Ion 3.7V Backup Battery (optional)
- Max consumption ~ 12W



ANTENNA

- SMA connector for external antenna
- Impedance: 50 ohm

OTHER

- DIN rail mounting kit included
- 2G antenna with 3 meters cable
- Size: 115 × 80 × 25 mm
- CE Mark and RoHS compliant

Note: CONNECTION CABLES

For the best performances of the product use 6/10 mm twisted pair (better 9/10 mm) between Dialer and VoiceBox

VOICEBOX SPEAKERPHONE UNITS

TOP/PIT version



CAR version



Passive version



PACKAGE CONTENT

- 8D5897 2G LIFT DIALER
- 3G/2G Omnidirectional antenna
- Wall mounting kit
- User's manual

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