

Memcom Emergency Telephone

Product Information Sheet



The Memcom Emergency Telephone system has been designed to provide trapped elevator passengers with an easy, hands-free connection to emergency help. High quality electronics give the system excellent sound, acoustics and reliability.

A trapped passenger simply presses the emergency button inside the lift and Memcom automatically connects to one of 4 pre-programmed telephone numbers. The lift location can be identified by the Memcom ETR software or via the programmed voice location message. Full duplex voice communication is then able between the trapped passenger and call receiver. Additional numbers are available for EN81-28 test calls, as well as technical alarm calls.

The Memcom features a keypad, backlit LCD display and built-in microphone for easy programming. Two models are available for easy installation to either the elevator car operating panel (COP) or elevator cabin roof (TOC). Wiring is minimised on the COP version with built-in yellow and green LEDs for use as pictograms to EN81-70 and EN81-28.

The Multi-Point Station (MPS) accessory for use in the machine room, pit and top of cabin requires a two-wire unscreened connection to

the main unit. The back up battery can support the entire system including a GSM module for 1 hour.

Key features

- + Easy Programming – using keypad, phone, GSM or PC.
- + Allows full compliance with EN81-28 and EN81-70.
- + Connect up to 8 Memcom units to the same phone line
- + Up to 4 alarm numbers and 2 technical alarms.
- + Backlit LCD display for programming and status information.
- + Memcom ETR Software – for easy management of emergency, technical and EN81-28 auto-test calls.
- + Stand-alone 1 hour battery back-up of the complete system, including GSM if connected.

Installation

The Memcom system can be installed quickly and easily on the top of the car (TOC), or in the car operating panel (COP).

24v / 230v Power Options

450 011 gives the flexibility to choose 24V DC or 230V AC power for the unit, providing more flexibility for modernisations.

Integrated, back-lit LCD display

The integrated back lit screen means that clear feedback is given to the installer during programming, even in a dark lift shaft. This reduces the amount of programming errors made, and means that there is no need for an additional programming tool.

Wiring

Hard wiring the components of the system gives greater flexibility of installation set up, and removes the risk of damaging connectors during installation.

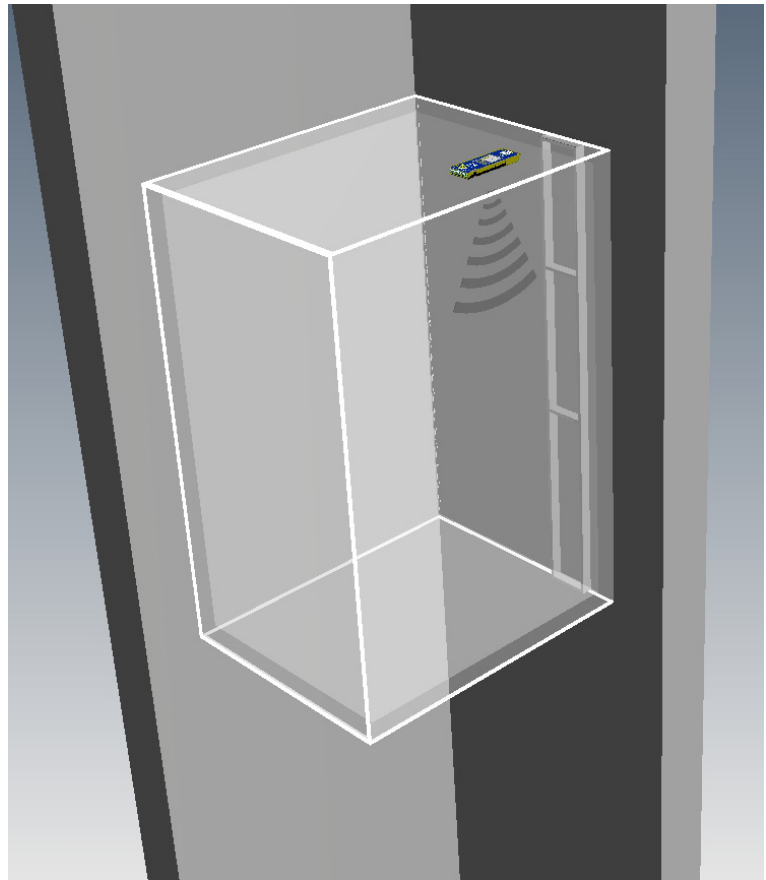


Fig. 1 TOC Memcom Unit 450 011

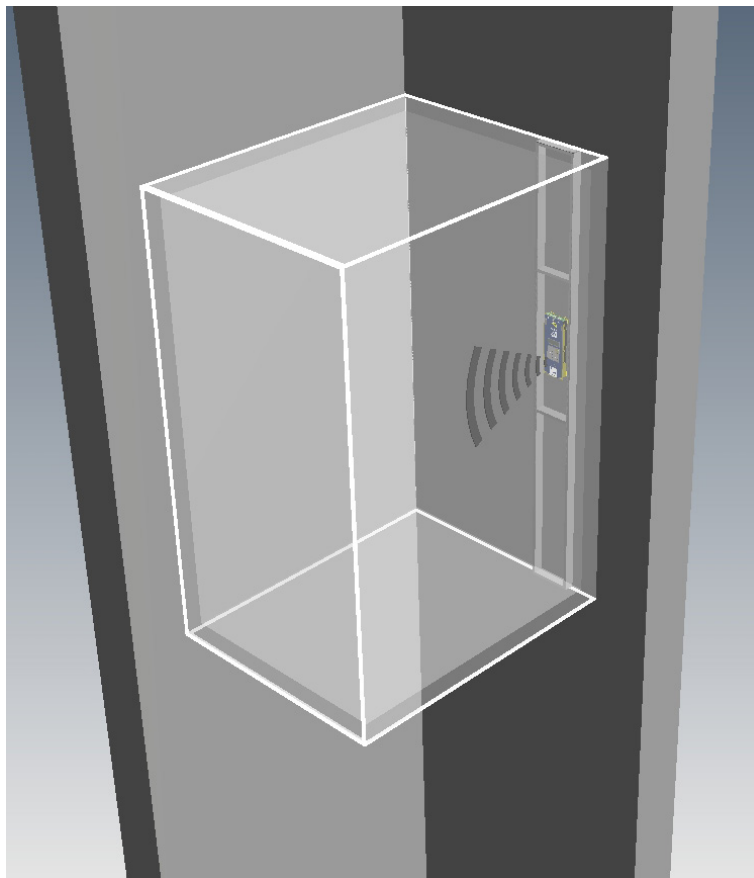


Fig. 2 COP Memcom Unit 450 000

Hard wiring into the unit allows:

- + More control over the power and telephone line connections
- + A wider and more comprehensive range of system configurations
- + No scope for connector damage
- + Once wired, you can connect / disconnect all wiring easily
- + Greater flexibility when wiring into proprietary systems



We've cracked the code...

The simple, intuitive Memcom menu makes autodialler programming quicker and easier than ever before. All of the code based programming has been removed and replaced by more logical programming methods that provide both visual and audio feedback throughout the programming of the unit.

These include:

Quick Start Menu

The Memcom unit loads up a quick start menu on the first time of powering up the unit. This means that if the installation requires the following programming only, then no navigation through the menu structure is required.

Multi-layered Menu Structure

The menu structure reduces initial menu options by grouping options into 8 logical groups, to reduce complexity.

Visual and Audio Feedback given during programming

Consideration has been given to what feedback is required to program and test the unit simultaneously. For example, the volume control is displayed on a sliding scale, and the unit will give an audio tone to indicate how loud each step on the scale is.

All code based programming has been replaced by drop down menu's

Protocol selection and the exit process from programming are done using drop down menu options, which reduces the amount of specialist knowledge required to install.

Hardware programming options selected using tick boxes

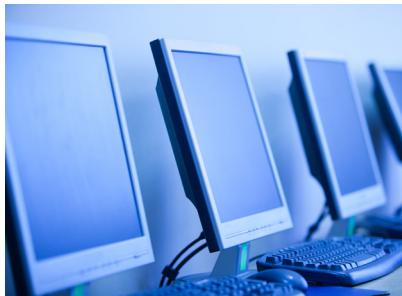
Simple system of how to program what is connected to the system, and how the system needs to operate, using a tick box system. You simply select which options are

required. This reduces the number of programming errors and ultimately reduces the number of re-visits to site required.

Memcom Programming

- + All code-based prefixes and suffixes replaced by easy-to-use tick-box system and drop-down menus
- + Improved menu structure simplifies and speeds up programming
- + Integrated backlit LCD display removes need for programming tools and additional lighting
- + New lift monitor service allows communication with wide variety of lift monitoring devices
- + Increased range of COP accessories gives complete and versatile system

Memco software solutions will remove all of the unknowns of managing Emergency Telephones



ETR

Using Memcom ETR software (free of charge), users can set up and maintain their own database of lift emergency telephones. The software can be used to receive emergency calls, test calls and equipment monitoring for over 5,600 lifts per system. Additionally, the software can remotely program the telephone units, saving time and money and reducing the number of site visits required.

Key features

- + Full call centre response and monitoring
- + System keep a permanent log of all successful and missed test calls
- + Email alerts to escalate events and issues
- + Remotely program and re-program emergency telephone units



GlobalNet

GlobalNet is a web-based software, which enables customers to monitor the status of all the 3-day call logs for their emergency telephones remotely via a simple web browser interface. Users can securely log in to the web-based application and retrieve reports of the test calls for their company.

Key features

- + Allows monitoring with no set up cost
- + Web-hosted, so login is through GlobalNet website
- + Monitors all technical and back ground calls (not alarm calls)

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