

em-181

EMERGENCY LIFT TELEPHONE SYSTEM



Communication & Alarms

The system allows direct two-way communication between stations for maintenance personnel. It features an alarm button with filtering options that calls the lift control center and announces a voice identification of the call.

Up to 8 telephone numbers can be programmed for sequential dialling. Status LEDs indicate the call progress and highlight lifts that previously triggered an alarm. An external callback will automatically route the call to the last station where an alarm was raised.

Machine Room Unit



EM-181/SK

Intercom Station

The lift intercoms allow seamless communication with the remote call center and other stations within the system.



EM-181/Mu

Master Unit

The master unit of the system provides battery backup for all connected stations.

Car



EM-181/SL EM-181/SLX

Intercom Station

The in-car station allows for a compact flush mount all in one design or external speaker and microphone mounting options.

Built to comply with the new industry standards
Australian Standard: AS 1735.19
European Standard: EN 81-28/70

Top of Car



Pit



Connect up to 8 stations per lift

VITAL SAFETY EQUIPMENT

The emFONE 181 emergency telephone system is an essential safety solution for elevators, fully compliant with EU Lift Standards (EN-81). Featuring a sleek, compact design, it enables both emergency and internal communications across up to eight stations, covering areas such as the motor room, car top, in-car, and pit stations. The system offers high-quality, hands-free communication with an 8-hour standby time and 4 hours of talk time via its built-in battery backup.

Utilising an industry proven robust peer-to-peer communication over 2x twisted shielded pair cable for both data and power, the emFONE 181 supports up to 400 meters of cabling without compromising audio quality. The system is simple to program remotely via a handset or mobile phone, with updates made easy through an SD card. It also includes direct two-way communication between stations, alarm filtering, and the ability to program up to 8 sequential dialing numbers, ensuring seamless and efficient emergency response.

eLiiOT MONITORING

Configurable monitoring options include connection to the eLiiOT (elevator industrial IoT) cloud monitoring system via an emFONE wireless gateway allowing direct system reporting via 4G or internet connectivity. Other monitoring standards, such as the P100 protocol can also be selected.

The em-181 Master unit has an input for the connection of a Lift breakdown signal, when paired with eLiiOT and the emFONE wireless gateway the end user or service provider will receive immediate alerts in the event of a lift breakdown. These alerts ensure you are always on top of any critical infrastructure breakdowns across your portfolio.

The system can be expanded supporting up to 4 lifts from a single communication interface when paired with the emFONE EM-4GE/4L four-line wireless gateway.

MAIN FEATURE HIGHLIGHTS

- AS 1735.19
Australian Standards
- EN 81-28/70
European Standards
- Compact & Modular Design
- Expandable System
- Conversation Recording Function
- Connection to 8 Stations
- Peer to Peer Communication
- eLiiOT Monitoring
- Battery Backup
- P100 Protocol

OPTIONAL

- 4G VoLTE Gateways



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