



Lift Intercom

| Security Intercom | Emergency Intercom | Parking Intercom | Medical Intercom | Industrial Intercom | Office Intercom | Building Intercom | Special Intercom |



Lift Intercom

Suppose you get stuck in the lift. Quick help is required. It's no problem for Lift Intercom with its solutions to notify emergency rescue teams quickly and reliably. They are also in accordance with the EN 81 standard and are optimised to meet the individual requirements of space and organisation.



Lift Intercom

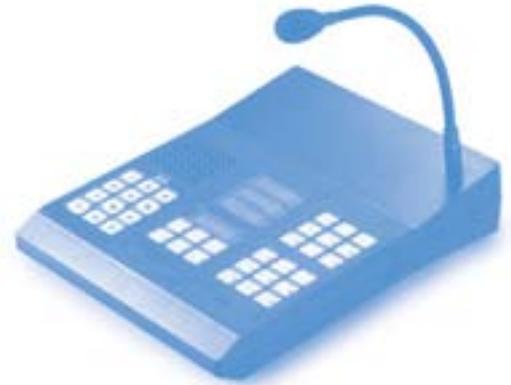
Special Intercom

1 2 3 4

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Applications and advantages

A simple intercom station or the branch station of a telephone system frequently does not meet the applicable EN 81 standard or the EU lift directive 95/16/EG, which describes emergency calls in the lift. Commend offers solutions for emergency calls in the lift which meet all regulations required in a modular design which also takes into account all national and regional requirements and stipulations. The solution by Commend is designed in such a way that ample space is left for answering to individual customer requests with additional functions as well as with the appearance of the intercom stations.



Advantages

Applications

- 1 → Intercom stations for long-distance emergency calls according to EN 81 and/or prEN 81-28
- 2 → Intercom systems for fire fighting lifts according to prEN 81-72
- 3 → Communication between lift car, lift shaft, machine room and emergency rescue teams
- 4 → Integration of individual lifts in internal communication and/or facility management systems
- 5 → Independent lift emergency communication systems for large buildings

- 1 → Simple concept taking into account national and regional stipulations and EN 81
- 2 → Modular system that can be extended in the network up to 5,760 intercom stations
- 3 → Simple integration into existing in-company communication systems
- 4 → Networking with communication systems in other buildings or with alarm centrals
- 5 → Emergency call filtering programmable according to prEN 81-28
- 6 → Line control and functional control of intercom stations
- 7 → Music input and messages possible (programmable for individual areas or the entire system)
- 8 → Highly operational security due to star cabling of intercom stations with the intercom server
- 9 → Call-forwarding into public telephone network (to emergency centrals etc.) via dialling devices
- 10 → Modular design allows it to be adapted and upgraded at low cost in case of expansion and modifications

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The Intercom-System

The Commend System can be adjusted perfectly to all space requirements. The intercom station in a single lift of a small building can be integrated into an existing communication facility. In a large building with numerous lifts, an isolated solution can be planned which is networked with the facility management technology and an internal or external alarm central. Here attention is always paid to the applicable standard as well as to additional customer requests. This is due to intercom station modules which feature installation solutions that optimally match the design concept of interior architects and planners.

Hard facts

- The intercom in the lift can be implemented in analog 4-wire technology, fully digital 2-wire technology or in a combination of both technologies.
- The configuration of the intercom servers can be carried out individually in networks. Interfaces to external systems facilitate an easy connection to the facility management system or to alarm centrals. Visualisation software displays calls on the PC and facilitates work in emergency centrals or at doorkeeper workstations.
- Beautifully designed and ergonomic operator intercom stations are an optimum feature for offices, receptions, doorkeepers' lounges or emergency centrals. Control desks systems can be integrated.
- Intercom modules can be installed perfectly in the lift car, the design concept of interior architects and planners will not be affected.



Soft facts

- **Wide range of wallmount intercom stations.**
Wallmount intercom stations for a visually appealing and optimally functional installation in the lift car. Special intercom stations for the machine room, lift shaft and the emergency call centre (in the building as well as with an external emergency call organisation).
Wallmount intercom stations in signal red for the fire brigade access level with fire brigade lifts according to prEN 81-72.
- **Call-forwarding into the public network.**
Forwarding of emergency calls into the public telephone network via dialling devices for analog telephone lines as well as for ISDN lines with caller identification. Ideal for the connection of small lifts to emergency call centrals if nobody is available in the building.
- **Flexible control via software.**
All functions are software-controlled and can be easily programmed and adjusted to the local conditions as well as the user needs. Emergency call filtering and function control according to prEN 81-28 can be selected.
- **Call identification.**
With each emergency call, a caller identification is provided which is processed with emergency calls in the building as well as with emergency calls which are transmitted via networking or telephone connection. Automatic registration and protocolling is optional.
- **Function control.**
For defined intercom stations, a regular and automatic function control and a line control can be programmed.
- **Competent operating desks.**
Operating desks for the communication system with integration of other systems for fire brigade lifts in consideration of the respective local, national and international standards and stipulations are planned on site with the operators. prEN 81-72 explicitly stipulates intercom stations with a fixed installed microphone and a loudspeaker for fire brigade lifts.

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Schematic drawings

The system solution for small lifts



The system solution for several lifts

