

### Innovative voice communication solution

Alert Speaker is a state-of-the-art digital voice terminal designed to establish communication between users and professionals in retirement and nursing facilities. It can be installed in rooms and/or common areas. Alert Speaker is suitable for both group living and nursing homes.

Alert Speaker works in an integrated way with the COBS CMS Messaging Server, which, among other great advantages, gives the possibility of voice communication and mobile services.

This solution has configurable buttons that allow the user to request help and/or alert professionals in case of an emergency.



### KEY FEATURES

- SIP client
- A-TRAX client
- Easy installation
- Excellent audio quality
- Data encryption
- Long battery life
- Optional VoLTE

### BENEFITS

#### Maximum acoustic

The power of the Alert speaker and the sensitivity of its microphone, combined with the most advanced bidirectional voice communication algorithms, and even its compact and ergonomic shape have been deliberately designed to provide the user with an audio experience of high quality. This ultimately results in a more efficient service.

#### Configurable IP/VoLTE solution

The integration of Alert Speaker with nurse-call systems is carried out easily through two types of connections, IP or VoLTE. Alert Speaker, in both IP/VoLTE modes, is monitored continuously. In addition, if both IP and VoLTE technologies are used at the same time, end-to-end communication control can be guaranteed.

#### Simple and versatile installation

VoLTE technology does not require a wired infrastructure; therefore, it is only necessary to connect the device to a power outlet. IP technology allows the connection of the device via a structured cable where mobile phones and/or DECT phones can be included.

### SPECIFICATIONS



#### Technical Data

- Measures (W x H x D): 128 x 180 x 65mm
- Weight 250g (incl. battery)
- Communication: SIP/GSM/LTE
- Frequency RF: 869.200 - 869.250 MHz (Social alarms) Category 1
- Max. transmission power: 10mW
- Temperature range: +5 - +55°C

#### Specification

#### Value

Specification	Value
Target region	Europe
Supply voltage	Primary: 100-240V AC / 0.2A / 50-60 Hz Secondary: 5V DC / 1A
Battery backup	3 x AA, 2000 mAh
Backup operation time	>72 hours (1 ping/h, 5 min call after end of period)
Communication	Ethernet 2G GSM, EDGE, GPRS 3G UMTS 4G LTE Cat-4 SRD 869.2 MHz (social alarms)
Supported band	E-GSM 900, DCS 1800 UMTS B1, B8 LTE B1, B3, B7, B8, B20, B28
SRD Radio frequency	869.2125 MHz (receive) 869.2375 MHz (acknowledgment)
Channel spacing	25 kHz
Modulation	GFSK (Manchester coding)
Deviation	± 2.5 kHz
Data rate	2400 bit/s
Power	Max. 10 mW
Duty cycle	<0.1%
Reception range	250 meters, free air (depending on transmitter)

### SPECIFICATIONS



Specification	Value
Bandwidth	25 kHz
Recommended temperature	+5 - +40°C
Dimensions	128 x 181 x 64mm
Weight	365g including battery
Weight	EN 62368-1 EN 301489-1 EN 301489-3 EN 300220-1 EN 300220-2 EN 300220-3-1 EN 301511 EN 50134-3 Class I

Part No.	Description
9009773	COBS Alert Speaker (Only SIP over LAN)
9009778	COBS Alert Speaker w/ VoLTE