

# Communications terminal KMT-L

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**User manual**



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# 1 General



Schrack Seconet security systems are developed in Austria, produced in Germany and incorporate both state-of-the-art technology and the latest scientific developments, while meeting all the latest applicable standards (European standards, requirements of European testing and certification bodies etc.). Schrack Seconet frequently cooperates with technical universities and international companies, as well as with testing and certification bodies, fire prevention bodies and fire brigade associations, so that products can be constantly optimized and adapted to meet new demands.



The high quality of Schrack Seconet products is ensured using an ISO 9001 approved Quality Assurance system throughout the company's activities (from development through production and sales processes through installation to customer service).

Considerable attention is paid in the development of products towards the separation of materials used, reusability, disposal and recycling to ensure that materials were processed in an as environmentally sound way as possible.

## 1.1 About this document

These descriptions and technical specifications correspond to the status as of the date of publication. Schrack Seconet reserves the right to make modifications, in particularly where they are justified as a result of technological progress. In the course of continual development, the products delivered may differ optically from shown products. Information which is not contained in this document can be requested at any time from one of our offices.

The original of this document was written in German. Foreign-language documents are released and modified with the German version. In the case of deviations in the foreign-language document, the German version of this document is the approved reference document.

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### 1.1.1 Explanation of symbols

Important notes in this document are identified by the following symbols. Failure to observe these notes may result in malfunction of the security systems or in property or personal injury.



#### **NOTE**

Contains notes to help you use the product or system more effectively and easily. Usage is optional.



#### **CAUTION**

Indicates a danger, the non-observance of which may result in financial loss or damage to property.



#### **ENVIRONMENTAL NOTICE**

##### **Electrical/electronic devices and batteries/rechargeable batteries**

Electrical and electronic devices as well as batteries or rechargeable batteries may not be disposed of in household rubbish. As the end user, you are legally obliged to return them. Used electrical and electronic devices as well as batteries or rechargeable batteries should be returned free of charge after use to the vendor or to the designated places for returning them (e.g. communal collection points or in shops). Proper disposal of the devices will relieve the burden on the environment. For more detailed information please contact your waste disposal center.

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## 2 General safety notes

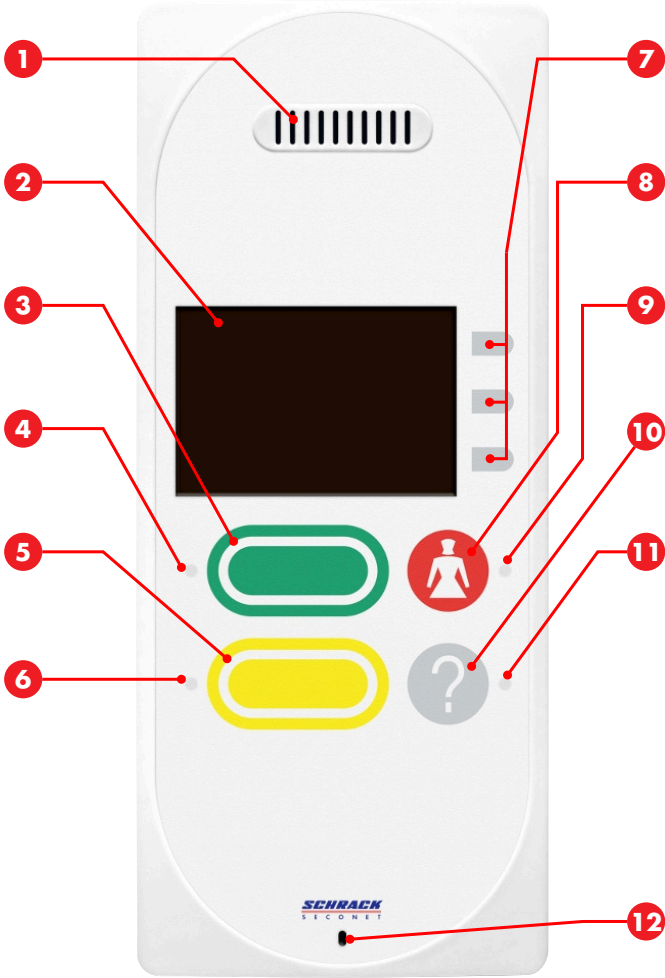
The planning of security systems as well as the installation, commissioning and maintenance of products and the systems which they form required specialist expert knowledge, and therefore may only be undertaken by specially trained experts according to the manufacturer's specifications. The product-specific training of staff members must be carried out by Schrack Seconet or by skilled staff who have been specifically authorised to carry out this duty by Schrack Seconet.

This document complies with Austrian regulations. Outside Austria, national regulations and manufacturer's instructions must be observed.

Schrack Seconet explicitly state, that security systems must be periodically maintained by certified and qualified staff in accordance with the relevant standards (such as VDE 0834), in order to maintain the functional and protective scope in the long term. For service and maintenance work on safety-related systems, the currently valid regulations of the country in which the system is being operated shall apply.

In addition, the respective country-specific regulations and guidelines for the planning, installation, service and maintenance must be adhered to and complied with. Damage and consequential damage caused by interventions or changes to products and their improper handling are excluded from liability. The same is also true for inappropriate storage of items and other detrimental external factors.

### 3 Overview





- |   |                                  |    |                                      |
|---|----------------------------------|----|--------------------------------------|
| 1 | Loudspeaker                      | 7  | Interactive function keys            |
| 2 | Display                          | 8  | Call button care staff               |
| 3 | Presence button<br>care staff    | 9  | Locating and reassurance light       |
| 4 | Status LED                       | 10 | Answering button/announcement button |
| 5 | Presence button<br>service staff | 11 | Status LED                           |
| 6 | Status LED                       | 12 | Microphone                           |

## Marking presence

- If no marking presence has been activated, the terminal is in idle mode and the display is inactive.
- When presence is set, the display lighting of the terminal is activated and the time and date are displayed. The illuminated field of the overdoor light in the corridor corresponding to the respective presence button informs people outside the room that there are hospital staff in the room. The marking presence is extremely important for the care process and should always be set when entering a room and cancelled when leaving the room.
- The LED lamps to the left of the presence buttons indicate the status of staff presence. If a reminder mode is active, the lamp flashes. The LED lamps to the right of the call pushbuttons are activated when a call is released.



### NOTE

The buttons on the KMT-L can be configured to trigger any event and therefore have a different button programming than the one shown in the image. The care staff call button can trigger a doctor call, for example, if it is desired and accordingly programmed. However, the user manual refers to the programming provided by the manufacturer, in which the buttons fulfil the previously specified functions.

## 4 Explanation of terms

### **Ward terminal (DZT-IP or ST-TOUCH)**

Communication device in the staff room for the entire ward, for call and presence indications, reminder modes, answering units, announcements, ward interconnections, etc.

### **Communication terminal (KMT, KMT-L)**

Communication device in every important room, for call release, call cancellation, call forwarding, call answering, marking presence, announcements, etc.

### **Room terminal with/without display (ZTD-B, ZTD-B-L, ZT-B)**

Terminal in every important room, for call release, call cancellation, call forwarding, and marking presence.

### **Call device (RT-IO, AT-IO, RAT-IO, PT-IO, ZT-IO, ...)**

Device with button, pull cord, or pneumatic hose, for call releases from wet rooms (toilets, showers, ward bathrooms, etc.).

### **Patient terminal (PAT)**

Communication device at the patient bed, for call release, call setup, TV and radio reception, telephony, as well as light and blind control.

### **Call forwarding**

Forwarding of acoustic and visual signals for pending calls to communication terminals or terminals with marked presence.

### **Answering units**

Answering a call at the ward terminal or communication terminal. In case of a call with speech connection, there is immediate contact with the caller.

### **Intercom connection**

Speech connection between care staff and the caller. Each call can be made in the same way as a telephone call (without talk button).

## 5 Presence

Up to two different marking presences can be activated on the KMT-L communication terminals:

Care staff: green



Service staff: yellow



### Set presence

1. When entering a room, press the corresponding presence button on the terminal.
  - ▶ The status LED of the respective button lights up. In addition, the illuminated field of the overdoor light in the corridor that corresponds to the button lights up.
  - ▶ As long as the presence is set and no call is active, the time and date are shown on the communication terminal display.

### Delete presence

1. When leaving the room, press the previous presence button again.



#### NOTE

By default, no distinction is made between care and service staff. This means that care staff calls are also indicated at all communication terminals on which a service staff presence has been set and vice versa.

Care staff calls can also be cancelled by setting the service staff presence. Service calls are an exception: Although they are displayed on communication terminals with care staff presence set, they can only be cancelled on site by pressing the yellow service staff presence button.

In order to prevent unnecessarily complicating the user manual,, only the cancellation option via the care staff presence button is indicated for care staff calls. A different function or the deactivation of presence buttons is possible via the Visocall IP configuration software if required.



## 6 Calls

The communication terminal indicates a wide variety of calls that are directed to care staff, medical staff or service staff. Calls can be made via patient terminals, various pushbuttons, connection modules, room terminals, or directly via communication terminals. Depending on the call type or the device used, there are calls with and without the option of a speech connection.

### 6.1 Bed call

The bed call is the patient's call from the bed using the patient terminal, pear pushbutton or other call devices assigned to the bed, and is directed to the care staff. For calls with a speech connection, remote cancelling is possible via ward and communication terminals.

#### Releasing a bed call

1. Press the red call button  on the patient terminal or other call devices assigned to the bed.
  - ▶ The reassurance light of the respective button lights up.
  - ▶ The red light field of the overdoor light in the corridor lights up.
  - ▶ The bed call symbol appears in the call list on the ward terminal display. If care staff presence has been set, an audio signal sounds in a slow call rhythm.
  - ▶ On communication terminals with care staff presence set, the call type and call location are indicated on the display, an audio signal is emitted in a slow call rhythm, and the status LED of the answering button  lights up.
  - ▶ An audio signal is emitted in a slow call rhythm on room terminals with care staff presence set. If the respective room terminal has a display, the call type and call location are also indicated.

#### Cancel bed call

Enter the room from which the call was made and press the green care staff presence button.



– or –

Establish a speech connection with the patient from the communication terminal or the ward terminal (= remote cancelling). There is also the option of setting a reminder mode.

## 6.2 Emergency bed call

The emergency bed call is the call released by the care staff from the bed using the patient terminal or other call devices assigned to the bed. The call is made when the presence is set, and is directed to other care staff. For calls with a speech connection, remote cancelling is possible via ward and communication terminals.

### Triggering an emergency bed call (only when presence is set)

1. Press the red call button  on the patient terminal or other call devices assigned to the bed.
  - ▶ The reassurance light of the respective call button flashes.
  - ▶ The red light field of the overdoor light in the corridor flashes. At the same time, the green light field lights up permanently (due to the presence set).
  - ▶ The emergency bed call symbol appears in the call list on the ward terminal display. If the care staff presence has been set, an audio signal sounds in a fast call rhythm.
  - ▶ On communication terminals with care staff presence set, the call type and call location are indicated on the display, an audio signal is emitted in a fast call rhythm, and the status LED of the answering button  lights up.
  - ▶ An audio signal is emitted in a fast call rhythm on room terminals with care staff presence set. If the respective room terminal has a display, the call type and call location are also indicated.

### Cancel emergency bed call

Enter the room from which the call was made and press the green care staff presence button.



– or –

Establish a speech connection with the patient from the communication terminal or the ward terminal (= remote cancelling). There is also the option of setting a reminder mode.

## 6.3 Upgraded bed call/emergency bed call

The upgraded bed call corresponds to the normal bed call (or emergency bed call), but has a higher priority and should only be used in the system on a case-by-case basis (e.g. for wake-up patients or seriously ill patients). Whether an ordinary or upgraded bed call/emergency bed call is sent via a patient terminal or another call device assigned to the bed can be defined via the ward terminal.

### Place an upgraded bed call/emergency bed call

1. Press the red call button  on the patient terminal or other call devices assigned to the bed.
  - ▶ The reassurance light of the respective call button lights up/flashes.
  - ▶ The red light field of the overdoor light in the corridor lights up/flashes. In case of an upgraded emergency bed call, the green light field permanently lights up at the same time (due to the set presence).
  - ▶ The symbol for bed call/emergency bed call (additionally with a + symbol) appears in the call list on the display of the ward terminal. If the care staff presence has been set, an audio signal sounds in a slow/fast call rhythm.
  - ▶ On communication terminals with care staff presence set, the call type and call location (additionally with a + symbol) are indicated on the display, an audio signal is emitted in a slow/fast call rhythm and the status LED of the answering button  lights up.
  - ▶ An audio signal is emitted in a slow/fast call rhythm on room terminals with care staff presence set. If the respective room terminal has a display, the call type and call location are also indicated.

### Cancel upgraded bed call/emergency bed call

Enter the room from which the call was made and press the green care staff presence button.



– or –

Establish a speech connection with the patient from the communication terminal or the ward terminal (= remote cancelling). There is also the option of setting a reminder mode.

## 6.4 Normal call

The normal call is the patient's call from the room via the communication terminal and is directed to the care staff. As this is a call with speech connection, remote cancelling is possible via staff room and communication terminals.

### Releasing a normal call

1. Press the red call button  on the communication terminal.
  - ▶ The reassurance light of the respective button lights up.
  - ▶ The red light field of the overdoor light in the corridor lights up.
  - ▶ The normal call icon appears in the call list on the ward terminal display. If care staff presence has been set, an audio signal sounds in a slow call rhythm.
  - ▶ On communication terminals with care staff presence set, the call type and call location are indicated on the display, an audio signal is emitted in a slow call rhythm, and the status LED of the answering button  lights up.
  - ▶ An audio signal is emitted in a slow call rhythm on room terminals with care staff presence set. If the respective room terminal has a display, the call type and call location are also indicated.

### Cancel normal call

Enter the room from which the call was made and press the green care staff presence button.



– or –

Establish a speech connection with the patient from the communication terminal or the ward terminal (= remote cancelling). There is also the option of setting a reminder mode.

## 6.5 Emergency call

The emergency call is the call released by the care staff from the room using the communication terminal. The call is made when the presence is set, and is directed to other care staff. As this is a call with speech connection, remote cancelling is possible via staff room and communication terminals.

### Placing an emergency call (only if presence is set)

1. Press the red call button  on the communication terminal.
  - ▶ The reassurance light on the respective call button flashes.
  - ▶ The red light field of the overdoor light in the corridor flashes. At the same time, the green light field lights up permanently (due to the presence set).
  - ▶ The emergency call symbol appears in the call list on the ward terminal display. If the care staff presence has been set, an audio signal sounds in a fast call rhythm.
  - ▶ On communication terminals with care staff presence set, the call type and call location are indicated on the display, an audio signal is emitted in a fast call rhythm, and the status LED of the answering button  lights up.
  - ▶ An audio signal is emitted in a fast call rhythm on room terminals with care staff presence set. If the respective room terminal has a display, the call type and call location are also indicated.

### Cancel emergency call

Enter the room from which the call was made and press the green care staff presence button.

– or –

Establish a speech connection with the patient from the communication terminal or the ward terminal (= remote cancelling). There is also the option of setting a reminder mode.



## 6.6 Bathroom or WC call

The bathroom or WC call is directed to the care staff and is released by a patient from a wet room. It does not matter whether this is in the patient room or outside the patient room (toilet, washroom, shower, bathroom).

### Releasing the bathroom/WC call

1. Press the call button (call pushbutton, pull cord call switch, pneumatic pushbutton, etc.) in the wet room.
  - ▶ The reassurance light of the respective call button lights up.
  - ▶ The red and white light fields of the overdoor light in the corridor light up.
  - ▶ The WC call symbol appears in the call list on the ward terminal display. If care staff presence has been set, an audio signal sounds in a slow call rhythm.
  - ▶ On communication terminals with care staff presence set, the call type and call location are indicated on the display, an audio signal is emitted in a slow call rhythm, and the status LED of the answering button ? lights up.
  - ▶ An audio signal is emitted in a slow call rhythm on room terminals with care staff presence set. If the respective room terminal has a display, the call type and call location are also indicated.

### Cancel bathroom/WC call

Enter the bathroom/WC from which the call was made and press the separately installed green cancel button.

– or –

If there is no separately installed green cancel button in the bathroom/WC: enter the room with the wet room from which the call was made and press the green care staff presence button.



#### CAUTION

#### No remote cancelling possible

This call cannot be answered from other communication terminals, it must be cancelled on site.

## 6.7 Bathroom or emergency WC call

The bathroom or emergency WC call is the call that is released by care staff from a wet room. The call is made when the presence is set, and is directed to other care staff.

### Releasing a bathroom/emergency WC call (only if presence is set)

1. Press the call button (call pushbutton, pull cord call switch, pneumatic pushbutton, etc.) in the wet room.
  - ▶ The reassurance light of the respective call button flashes.
  - ▶ The red and white light fields of the overdoor light in the corridor flash. At the same time, the green light field lights up permanently (due to the presence set).
  - ▶ The emergency WC call symbol appears in the call list on the ward terminal display. If the care staff presence has been set, an audio signal sounds in a fast call rhythm.
  - ▶ On communication terminals with care staff presence set, the call type and call location are indicated on the display, an audio signal is emitted in a fast call rhythm, and the status LED of the answering button ? lights up.
  - ▶ An audio signal is emitted in a fast call rhythm on room terminals with care staff presence set. If the respective room terminal has a display, the call type and call location are also indicated.

### Cancel bathroom/emergency WC call

Enter the bathroom/WC from which the call was made and press the separately installed green cancel button.

– or –

If there is no separately installed green cancel button in the bathroom/WC: enter the room with the wet room from which the call was made and press the green care staff presence button.



#### CAUTION

#### No remote cancelling possible

This call cannot be answered from other communication terminals, it must be cancelled on site.

## 6.8 Disconnection call

The disconnection call is made when a patient terminal or pear pushbutton is disconnected from its connection module, and is directed to the care staff.

### Releasing a disconnection call

1. The patient terminal or pear pushbutton is removed from its connection module.
  - ▶ The red light field of the overdoor light in the corridor lights up.
  - ▶ The disconnection call symbol appears in the call list on the ward terminal display. If care staff presence has been set, an audio signal sounds in a slow call rhythm.
  - ▶ On communication terminals with care staff presence set, the call type and call location are indicated on the display, an audio signal is emitted in a slow call rhythm, and the status LED of the answering button? lights up.
  - ▶ An audio signal is emitted in a slow call rhythm on room terminals with care staff presence set. If the respective room terminal has a display, the call type and call location are also indicated.

### Cancel disconnection call

Enter the room from which the disconnection call was released and reconnect the patient terminal.

– or –

Enter the room from which the disconnection call was released and press and hold the green care staff presence button for three seconds.

– or –

Enter the room from which the disconnection call was released and press the yellow service staff presence button.



#### CAUTION

#### Check patient terminal

If the patient terminal has not been deliberately disconnected (e.g. because it is needed elsewhere or is defective), its proper functioning should be checked. To do this, first release a call and then check the speech connection.

## 6.9 Diagnostic call

The diagnostic call is released by a monitoring device (e.g. medical technology) at the patient's bedside and is directed to the care staff.

### Releasing a diagnostic call

1. The actuation happens automatically if the set threshold value (e.g. pulse) is exceeded on the monitoring device with the alarm contact connected.
  - ▶ The red light field of the overdoor light in the corridor flashes.
  - ▶ The diagnostic call symbol appears in the call list on the ward terminal display. If the care staff presence has been set, an audio signal sounds in a fast call rhythm.
  - ▶ On communication terminals with care staff presence set, the call type and call location are shown on the display and an audio signal is emitted in a fast call rhythm.
  - ▶ An audio signal is emitted in a fast call rhythm on room terminals with care staff presence set. If the respective room terminal has a display, the call type and call location are also indicated.

### Cancel diagnostic call

The call must be answered immediately and can only be cancelled on site at the device releasing the call (e.g. ventilator or infusion pump). Both call release and call reset are independent from the marking presence.

## 6.10 Diagnostic disconnection call

The diagnostic disconnection call is released when a diagnostic device is disconnected from its connection module, and it is directed to the care staff.

### Releasing a disconnection call

1. The diagnostic device is disconnected from its connection module.
  - ▶ The red light field of the overdoor light in the corridor lights up.
  - ▶ The diagnostic disconnection symbol appears in the call list on the ward terminal display. If care staff presence has been set, an audio signal sounds in a slow call rhythm.
  - ▶ On communication terminals with care staff presence set, the call type and call location are indicated on the display, an audio signal is emitted in a slow call rhythm, and the status LED of the answering button? lights up.
  - ▶ An audio signal is emitted in a slow call rhythm on room terminals with care staff presence set. If the respective room terminal has a display, the call type and call location are also indicated.

### Cancel diagnostic disconnection call

Enter the room from which the diagnostic disconnection call was released and press and hold the green care staff presence button for three seconds.



#### CAUTION



#### Check diagnostic device

If the diagnostic device has not been deliberately disconnected (e.g. because it is needed elsewhere or is defective), it should be reconnected to the connection module and its proper function should be checked.

## 6.11 Service call

The service call is the patient's call from the bed using the patient terminal or a call and service pushbutton assigned to the bed. The call is directed to the service staff, but is also indicated on communication terminals with a set care staff presence. For calls with a speech connection, remote cancelling is possible via ward and communication terminals.

### Releasing a service call

1. Press the service call button  on the patient terminal or call and service call push-button.
  - ▶ The reassurance light of the respective button lights up.
  - ▶ The red light field of the overdoor light in the corridor lights up.
  - ▶ The service call symbol appears in the call list on the ward terminal display. If service staff presence has been set, an audio signal sounds in a slow ringing rhythm.
  - ▶ On communication terminals with set service staff or care staff presence, the call type and call location are shown on the display, an audio signal is emitted in a slow call rhythm and the status LED of the answering button  lights up.
  - ▶ An audio signal is emitted in a slow call rhythm on room terminals with care staff presence set. If the respective room terminal has a display, the call type and call location are also indicated.

### Cancel service call

Enter the room from which the call was made and press the yellow service staff presence button.

– or –

Establish a speech connection with the patient from the communication terminal or the ward terminal (= remote cancelling). There is also the option of setting a reminder mode.

---

## 7 Call priorities

The call types described are organised according to a priority scheme. An automatism ensures that if different call types are released at the same time, the call with the highest rank is switched through to the answering care staff first. When determining that Level 1 is the highest priority call type, the following structure applies:

Level 1: Code Blue

Level 2: Doctor call

Level 3: DESO threat

Level 4: DESO alarm

Level 5: Fire alarm

Level 6: Diagnostic disconnection call

Level 7: Diagnostic call

Level 8: Emergency WC call

Level 9: Emergency bed call

Level 10: Emergency call

Level 11: WC call

Level 12: Bed disconnection

Level 13: Bed call

Level 14: Normal call

Level 15: Staff call

Level 16: DESO tampering

Level 17: DESO battery

If, for example, a bed call (level 13) and an emergency WC call (level 8) are present at the same time, the emergency WC call is indicated first on the displays of all terminals on which a care staff presence is set.

A scrollbar now appears on the communication terminals, which makes it possible to display all pending calls by scrolling, using the interactive function keys on the right side of the display and to answer the currently indicated call using the answering button?



## NOTE

The call types/levels depend on the type of terminal and the programming. The 17-level structure generally applies across all device groups, but not all call types/levels are available on all terminals. For example, the doctor call is only indicated on terminals with a doctor presence button. In addition, some call types are optional and must be defined via the configuration software of the Visocall IP system.

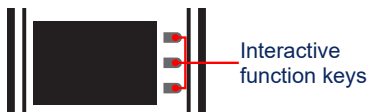


## 8 Answering calls

The corresponding calls are displayed on communication terminals with set presence. Calls that offer a speech connection can also be answered. Both the call type and the call location (indication of ward, room and bed number) are indicated on the communication terminal display.

If there are several calls pending, the call with the highest priority appears first on the communication terminal display and a scrollbar appears on the right-hand edge of the display. The call list can be scrolled through using the function keys, and the currently indicated call can be answered.

All calls that can be answered using a speech connection are remotely cancelled immediately after the speech connection is established.



### Answering calls with speech connection

- ▷ The presence has been set and the status LED of the presence pushbutton lights up.
- ▷ The call type and call location are indicated on the communication terminal display.
- 1. Press answering button? .
  - ▶ The corresponding status LED flashes in a fast rhythm.
  - ▶ The call signal is deactivated and the intercom connection is established (short audio signal).
  - ▶ The red light field of the overdoor light in the room from which the call was made goes out.

### Cancelling answered calls with speech connection

Press answering button? again.

– or –

Press one of the presence buttons to trigger a corresponding reminder mode at the call location.

### Answering calls without a speech connection

- ▷ The presence has been set and the status LED of the presence pushbutton lights up.

- ▷ The call type and call location are indicated on the communication terminal display.
- 1. Press answering button **?** .
  - ▶ The message "Locate call location" appears on the display.
  - ▶ An audio signal sounds in a fast call rhythm.
- 2. While "Locate call location" is indicated on the display, a reminder mode can be set if required.
- 3. To cancel the audio signal, press the answering button **?** again.

Calls without a speech connection must be answered by care staff immediately. The call remains active until the care staff presence button is pressed in the respective room.

## **Cancelling calls without speech connection**

Enter the room from which the call was made and press the corresponding presence button.

---

## 9 Reminder mode

The reminder mode is used for labelling rooms to be visited by staff in response to calls. This is indicated by the flashing of the corresponding light field of the overdoor light. Reminder mode can be activated if during call answering

- there is a call without speech connection.
- there is no answer from the caller.
- other calls are answered before going to the call location.
- calls are answered by the ward terminal and delegated to other care staff.

Just as with the three types of marking presence, there are also up to two types of reminder modes:

- Care staff: green flashing light.
- Service staff: yellow flashing light.

Any number of reminder modes is possible. Each reminder mode releases the intercom terminal for further answering. Calls cancelled by a reminder mode can be repeated and answered again.

### Triggering the reminder mode on the communication terminal

1. After answering a call (with an established connection), press the desired presence button.
  - This ends the call and activates the reminder mode at the respective call location (light field of the overdoor light flashes).

---

## 10 Announcements

Two different types of announcements can be made ward-by-ward from the communication terminal Light:

- General announcements
- Presence-related announcements

An announcement interrupts an active call without disconnecting it.

### Indication on the communication terminals

On the included communication terminals, the announcement is indicated with a short audio signal. The status LED of the answering button ? on these terminals flashes during the announcement. Depending on the type of announcement, the text "Announcement general", "Announcement nurse " or "Announcement staff" appears on the displays.

## 10.1 General announcement

The general announcement covers all communication terminals and patient terminals in the ward, regardless of whether presence is set or not.

### Making a general announcement

- ▷ The prerequisite is that no presence has previously been set at the KMT at which the general announcement is made.
- 1. Press and hold the answering button ? on the communication terminal for the duration of the announcement.
- 2. The announcement ends when the button is released.

## 10.2 Presence-related announcement

Depending on the previously set presence, the presence-related announcement reaches either only those communication terminals at which care staff and service staff presence has been set or those at which a doctor presence has been set.

Care staff and service staff are treated equally for presence-related announcements, i.e. an announcement made when green presence is set (care staff) is also output from communication terminals with yellow presence set (service staff) and vice versa. There is no presence-related announcement exclusively for service staff.

### Making presence-related announcements

1. Press the desired presence button.

2. Press and hold the answering button **7** on the communication terminal for the duration of the announcement.
3. The announcement ends when the button is released.

## 11 Menu functions

Press one of the three function keys to access the communication terminal menu. The brightness and contrast can be adjusted in the menu and (if configured accordingly) the radio and call timer can be activated.

### 11.1 Set display brightness

1. Press the lower function key (several times if necessary) until the menu for the display brightness is indicated.
2. Use the upper (+) and centre (-) function keys to set the desired brightness.

### 11.2 Set display contrast

1. Press the lower function key (several times if necessary) until the menu for the display contrast is indicated.
2. Use the upper (+) and centre (-) function keys to set the desired contrast.

### 11.3 Listen to radio stations (optional)

If the Visocall IP system has been configured to receive radio stations, it is possible to listen to the stored radio stations via the communication terminal. To access the radio menu, the communication terminal must be in idle mode or in the time/date display.

#### Turn radio on and off

1. Press the lower function key (several times if necessary) until the radio menu is indicated.
  2. Press and hold the upper function key (P).
- If the radio is inactive, the last activated channel is actuated. If no channel has been activated before, the first channel is actuated. If the radio is active, it is turned off.

#### Change radio station

1. Press the lower function key (several times if necessary) until the radio menu is indicated.
2. Press the upper function key (P) to access the station selection menu.
3. Set the desired station using the upper (P+) and centre (P-) function keys.

## Change volume

1. Press the lower function key (several times if necessary) until the radio menu is indicated.
2. Press the centre function key to access the volume menu.
3. Use the upper (+) and centre (-) function keys to set the desired volume.

## 11.4 Set call timer (optional)

If the Visocall IP system has been configured accordingly, a timer can be activated via the menu on the communication terminal, which automatically triggers a reminder call after the time has expired. While the timer is running, the remaining time is indicated on the display.

In the reminder call menu, the time interval can be set from 0 to 180 minutes (mode 0) or in the hour/minute/second format (mode 1), depending on the configuration of the Visocall IP system. Mode 1 is only available starting at version 9.1 of the Visocall IP software.

### Set timer for reminder call (mode 0)

1. Press the lower function key (several times if necessary) until the menu for the reminder call is indicated.
2. Set the desired time interval using the upper (+) and centre (-) function key. A long press on the + or - button activates the repeat function and increases or decreases the interval in fast-forward mode.

### Set timer for reminder call (mode 1)

1. Press the lower function key (several times if necessary) until the menu for the reminder call is indicated.
2. Press the upper (+) or centre (-) function key to switch to editing mode.
  - The timer is stopped in editing mode. The hour value is selected and flashing.
3. The lower function key can be used to switch between the hour, minute and second values.
4. The selected value (flashing) can be set from 0 – 24 hours, 0 – 59 minutes and 0 – 59 seconds using the upper (+) and centre (-) function keys.

If the function keys are not pressed for 5 seconds, editing mode is automatically exited and the timer is started with the newly set values.

### Stop timer for reminder call

1. Use the function keys to reduce the remaining time to 0.
  - The timer is stopped without releasing a call.

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## 12 Additional functions

### 12.1 Automatic security functions

The security functions integrated into the Visocall IP communication system prevent important functions from being blocked. These include call forwarding control, time-dependent call forwarding and call disconnection, as well as data storage in the event of a power failure.

### 12.2 Regulated call forwarding

If a pending call is answered, it is no longer indicated on all other answering units. However, further calls are immediately signalled again at these answering units. A call can neither be influenced nor disconnected from another location.

### 12.3 Automatic call disconnection

If an established call is not disconnected manually at the end of the call, the system automatically disconnects the speech connection after approx. two minutes.

### 12.4 Data storage

Each communication terminal permanently saves its current status and resets it after a power interruption:

All calls and other signals that are pending or do not appear during a power failure are automatically reactivated when the power returns.

If the power failure occurs during a call, a new call is automatically generated for the room (from which the call was made) when the power returns.



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## 13 Cleaning and disinfection

For the system components of the Visocall IP product family, without exception, only disinfectants that do not contain in part or in full esters or ketones may be used. Only disinfection by wiping and not by submersion may be used in the disinfection process.

If it can be assumed that defective products were contaminated, they must be cleaned and disinfected before being sent back for repair in accordance with these instructions.

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## 14 Operation and maintenance

Operation of the Visocall IP call system is subject to sections of the DIN VDE0834 standard. Among other things, periodic inspections and maintenance are required.



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