

# Nurse Call System 5000 for Hospital & Aged Care



 **CareTech**<sup>®</sup>  
Call for care

# 5000 System Accessories for all Environments

## Accessories for the Hospital, Aged Care and Home environments provide safe and comfortable living

CareTech's Nurse Call System 5000 includes a large number of accessories, providing more flexibility and individuality to the total safety solution. Our accessories includes several different types of portable or fixed alarm transmitters, such as personal alarm pendants in different designs, smoke- and IR detectors door alarms and different types of bed- and wheelchair alarms and more. The various alarm transmitters are intended to operate as active alarms

as well as alarms signalling movement, inactivity or dangerous deviations from the behaviour norm.

At CareTech, we believe that, by respecting the personal needs and behaviours of the resident, we can give them safe and dignified care and a comfortable living environment.



### Entertainment Handset

- Compact size
- Fully Waterproof
- Large Nurse call button
- Reading lamp switch
- TV on off switch
- Channel up and down
- Volume up and down
- Inbuilt speaker
- Wall mounted holder 6.5mm stereo plug socket

The Entertainment handset will operate with most brands of TV without modification, connect to most brands of nurse call systems, has an inbuilt watch dog alarm on accidental removal and has rip-out alarm protection.



PROBABLY THE MOST ADVANCED TRIGGER ON THE MARKET

### Radio trigger Erik

Equipped with two buttons for double functions as standard and five different function profiles, covering alarm, reset button and assault alarm. Automatic monitoring function. Waterproof (IP67) simple battery change. CareTechs Easy-Press-Concept makes it possible to use even with impaired hand movement.

Click-in-accessories for CareTechs Alarm pendants.

Radio pendant can be worn around the neck, on the wrist, as pendant or in the pocket with the accompanying clips.

Accessories can easily be changed by hand.



EASY PRESS CONCEPT



### Sense bed alarm/ chair alarm/ pressure mats

Sense is a whole family of products. A wide selection of alarm sensors, such as bed and chair alarms and pressure mats can be connected to Sense. A complete bed alarm consists of: Sense box radio unit attachment hook, bed sensor with textile cover (see below).



Chair sensor



Pressure mat sensor

### mBox door alarm

Door monitoring is simple to install and completely wireless. A built-in timer makes it possible to set the alarm for automatic operation at certain times.



### IR-detector / Smoke detector

Radio or hard wired connection. CareTech offers both high-quality movement detectors, which can be used as bed alarm, intruder alarm or passive alarm as well as smoke detectors for home use.



### IP67 Call Plate (standard clipsal size)

CareTech offers a range of color coded wall plates including ASSISTANCE, EMERGENCY, STAFF ASSIST, ORDERLY CALL with or without 6.5 mm socket for pendant buttons, these can be supplied and installed in most nurse call systems.



WANDERING ALARM WITH POSITIONING

### Elvis Alarm Transponder

Developed mainly for persons with dementia. Used to quickly determine the location of a person who activates alarm or tries to leave the area. Used together with the RFID-beacon Gustav. The residents ID as well as the location is forwarded to the 5400 corridor display and nurse call system.

### RFID-beacon Gustav

Combined with the alarm transponder Elvis creating CareTech's smart wandering patient alarm. The Gustav can be installed in strategic positions in corridors or doorways. It forwards its location to the Elvis Alarm Transponder as the patient moves around the complex. On pendant activation the Pendant ID with the location ID are both sent to the Nurse Call system.

## STAFF ENVIRONMENT

Tools to increase mobility and productivity while ensuring a safe environment

CareTech's Nurse Call System 5000 gives the care staff simple, flexible and functional working tools.

With nursing staff shortages and the elderly population increasing CareTech develops its Nurse Call solutions with mobility and instant communications in mind.

Enterprise Nurse Call Solutions : CareTech's Nurse Call System 5000 can also be equipped with different interfaces for integration with other systems.

- **PABX solution:** Using server technology CareTech can interface with large PABX installations transforming a standard Nurse Call/ PABX solution into a full speech nurse call solutions;
- **Via I/O Unit:** Link between different system generations, integrates different types of sensors;
- **m-Box:** In an internal system. Used as a radio transmitter/ receiver, door alarm or as a repeater.



**Room panel / Mini Corridor Display**  
The 5050 panel can be Speech/non speech sending assistance, emergency and staff presence alerts. The Mini Corridor function is when a staff member checks in. This allows them to start receiving alarms on the individual 5050 panel. Now providing them with communication on all events in the facility, without carrying any communication device.



**5400 Corridor display**  
Green/red alphanumerical display indicating type of alarm, room number and a programmable text display. The 5400 is run from the 24 volt system and in the event of a power fail will remain displaying all alarms to staff.



**Voice & Duress Handsets**  
Mobile communication unit with two-way speech, built in alarm function, alphanumeric text pager to receive alarms and alerts.

Often used as portable alarm receiver. Offers the possibility of location positioning, man down alarm and rip-cord duress function.



**Dementia Monitor**  
Its features include:-  
Compact size  
Security Activate code  
Integration into NurseCall  
Day and Night functions  
3 different Shifts  
5 Hardwired inputs  
2 Hardwired outputs  
All outputs have real-time clock adjustable control

Plug-In- Accessories:

Elvis RFID pendant; Gustav RFID tracking beacon; Door Alarm; Real Time clock control; Curtain PIR movement sensor  
Bathroom PIR timer; Floor Mat; Bed Mat; Chair Mat

## OPERATIONAL AND MANAGEMENT ENVIRONMENT

Management tools for an efficient and quality secured operation

CareTech's Nurse Call System 5000 is a flexible operating and management tool with endless possibilities.

Programming and continuous adjustments to the system can be made centrally on site or via Internet using the 5600 Software.

The Ping function on the system provides an up to date snapshot of the total system operation status with exact location of any problem devices.

The Reporting and logging Software provides an effective means of monitoring staff work loads and response times.

A valuable tool indicating where management can implement staffing changes for greater efficiency.



**Central unit Omni**  
Flexible, secure and very powerful central unit for programming and handling of all communication in CareTech's Nurse Call System 5000. Possibility of free texts and shift filtering of alarms. No computer has to be connected during normal operation.

Reprogramming, upgrading and troubleshooting can be made on site or over the Internet via the 5600 software.



**QUALITY CONTROL**

**CareTech's log program**  
Records all events. Complete information facilitates quality auditing and planning. Can be integrated with CareTech's Base Alarm Receiver or Mobile Alarm Receiver when external



**Over Door tri-color LED**  
CareTech locally manufactures its over door LED. With a standard clipsal plate, this has super bright LEDs which can be seen from any angle. The LED indicates ASSISTANCE, EMERGENCY ALARMS & STAFF PRESENCE.





## Nurse Call System 5000 combines high-technology with human values

CareTech offers the CareTech 5000 Nurse Call system and Paging System in conjunction with its CareLog and SiteMAP software. These products together provide a total solution for all forms of Hospital and Aged Care.

CareTech is the only nurse call system to have a display screen for alarm and alerts in each room incorporated in the patient bed head. This provides nursing staff with the luxury of being able to continue to provide patient care while knowing exactly what is happening in the whole hospital facility.

CareTech has increased its market edge by now offering a full patient and staff tracking system throughout the entire hospital facility. Using the radio transmitters incorporated in the patient bed head, (in combination with our new product Gustav, a RFID transmitter); the possibility for both staff and/or patients to signal by a press of duress pendants. With this action the alarm is sent to the closest Gustav location and the data is then displayed on SiteMAP at defined nurses' stations or security monitors. This also provides new or temporary staff with an instant view of the quickest route to a patient.

### Functions developed for the users

CareLog is able to display on any size LCD monitor throughout the hospital facility providing unlimited text and a colourful display, not to mention customizable audio alerts. CareTech feels its hospital accessories for nurse call systems are second to none with floor, bed, seat and toilet seat sensors that all use wireless connections back to the CareTech Box unit that then identifies and connects to the wireless bed head unit in each room, triggering the outside door LED illumination to provide staff with an immediate room location.

The 5000 system can handle routine calls, emergency calls, fire alarms, timetabled presence and presence on-call. Alarm calls are handled in groups that can be freely chosen depending on the time, e.g. day, evening or night. We also offer a documented alarm chain. All alarms and events are logged and information can later be obtained on everything that occurred from whose alarm was activated to the time staff responded and then left the room.

Alarm System 5000 includes hardware and software that combine modern technology with warmth, closeness and consideration. The common factor is the sophisticated technology that is concealed behind the simple, easily managed interface to maintain the sense of living at home.

CareTech's Alarm System 5000 provides reassurance and safety throughout the premises – even outdoors. Simple, effective technology that handles alarms and communications between staff and individuals in care also lightens staff workload and ensures that individuals receive assistance sooner.

### A secure investment

The built-in flexibility of CareTech's Nurse Call System 5000 makes it possible to keep investment at minimal costs. At the same time the system is completely compatible backwards and evolvable. The system has also been developed to suit future technologies, such as IP-telephony and E-health.

Local Dealer

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