TeleAlarm®
swiss design

NurseCall Main Unit

- **NurseCall and dementia monitoring integrated into one system**

- **Low-cost complete wireless system installation**

- **Easy to upgrade or extend existing nurse call systems**

- **Fast and accurate staff response through locating and dementia monitoring**

- **Staff freedom of movement through DECT and paging systems integration**

The TeleAlarm NurseCall Main Unit is the core element within the easy-to-install wireless solution designed for residential homes, nursing facilities and other specialized care institutions. Patients can immediately contact nursing staff by pressing an emergency call button on the pendant, wrist, or wall transmitter situated in their room.

Functions

The dynamic and wireless NurseCall system consists of a wall, a wrist or pendant transmitter, a wireless pull cord, a push button, and a smoke detector. All accessories of the system function on the same radio frequency providing a total wireless solution. The wireless system also provides the opportunity to increase coverage beyond the care facility walls to private residential homes within proximity of the main building. The extended coverage beyond the traditionalintramural solution allows more flexibility and privacy to residents as well as increased coverage by the care provider. The locator call tracer provides staff immediate location of alarm for fast and precise response. An inductive transmitter can be mounted in a door frame while a portable pendant can be used by the patient. The system is flexible and expandable up to 500 transmitters. The TeleAlarm NurseCall system can be easily connected to DECT and paging systems to provide staff with total freedom of movement while maintaining a high-level of alert in case an alarm is generated. DECT is a system of high-performance mobile telephones designed to be used throughout the building. The system transmits the call to the screen of a portable telephone and it also provides visual indication of the type and source of the call on the unit.

Certifications and approvals

EMC Directive: 2004/108/EC
Low Voltage Directive: 2006/95/EC
R&TTE: 1999/5/EC
EN 60950-1: 2011
EN 55022: 2006, A1: 2007
EN 300220-2 (V2.3.1)
EN 50130-4: 1995, A1: 1998, A2: 2003
EN 301489-1 (V1.8.1)
EN 301489-3 (V1.4.1)

Parts included

Quantity	Component
1	NurseCall Main Unit
1	Power supply adapter
1	Antenna 434 MHz with adapter
1	User manual

Installation/configuration notes

The NurseCall Main Unit guarantees very easy and convenient installation by using the built-in keyboard and it can be programmed either by using the NPS software or directly on the keypad and display of the main unit. Programming of the NurseCall Main Unit via the NPS software requires a PC to be connected by an RS-232 cable. Easy upgrades can be carried out by a specialist via PC and a RS232 serial cable or USB programming tool.

Technical specifications

Operating voltage:	230VAC/ 10VAC 280mA 110VAC/ 10VAC 280mA
Average consumption :	2.5W
Battery back-up :	6V, 1250mAh rechargeable
Emergency-power operation :	Up to 24 hours
Programming :	21-button keyboard on the unit
LED Indicator:	Bi-color
Display:	2 x 20 lines LCD
Radio receiver:	434 MHz
Output:	Relay 1A/ 30VDC
Volume:	Adjustable up to 1W (max.)
Software upgrade:	via PC (RS232 serial cable or USB programming interface)
Size:	190 x 180 x 40 mm
Unit languages:	English, French, German, Italian, Dutch, Swedish
Number of alarm transmitters:	Up to 500
Number of acknowledgement transmitters:	Up to 32
Number of events:	Up to 100
Universal NurseCall:	Programmable
Protocols:	ESPA 4.4.4, POCSAG, Medicall 800, DeTeWe.