BOSCH
Invented for life

NurseCall Main Unit

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

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

▶ **Increased coverage beyond traditional care facilities**

▶ **Fast and accurate staff response through the locator call tracer**

▶ **Staff freedom of movement through DECT communication systems integration**

The Bosch NurseCall Main Unit is an 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 traditional intramural 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 Bosch NurseCall system can be easily connected to the DECT communication system 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

CE
EMC Directive: 89/336/EC
Low Voltage Directive: 2006/95/EC
R&TTE (according to annex V): 1999/5/EC
EN 60950-1: 2001, A11: 2004
EN 55022: 1998, A1: 2000, A2: 2003
EN 300220-1: 2000
EN 50130-4: 1995, A1: 1998, A2: 2003
EN 301489-3: 2002
EN 61000-4-2: 1995, A1: 1998, A2: 2001
EN 61000-4-3: 1996, A1: 1998, A2: 2001
EN 61000-4-4: 1995, A1: 2001, A2: 2001
EN 61000-4-5: 1995, A1: 2001

EN 61000-4-6: 1996, A1: 2001

EN 61000-4-11: 1994, A1: 2001

Universal NurseCall:	Programmable
Protocols:	ESPA 4.4.4, DeTeWe, MEP (Multi-tone).
On/ off switch:	Yes

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.

Ordering Information

CRS-NC3-20200EU NurseCall Main Unit	**CRS-NC3-20200EU**
NC.020.FI.EU NurseCall Main Unit (434) – 230 VAC EU	
CRS-NC3-20200UK NurseCall Main Unit	**CRS-NC3-20200UK**
NC.020.FI.UK NurseCall Main Unit (434) – 230 VAC UK	
CRS-NC3-20200US NurseCall Main Unit	**CRS-NC3-20200US**
NC.020.FI.US NurseCall Main Unit (434) – 115 VAC US	

Parts Included

Quant.	Component
1	NurseCall Main Unit
1	Power supply adapter
1	Antenna 434 MHz
1	Right-angle bended antenna adapter
1	User manual

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
Programming 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 50