940 CONTROLLERS

ROOM POST RECESSED IN WALL IP/RS-485

Code : **9400100**

Model : **CHC-045**

Description

The Room Terminal is the main element of the ALCAD NURSE CALL system responsible for connecting and administering different warning and signaling elements in the room (pushbuttons, pullcords, lights, etc.). Additionally, the Room Terminal establishes a voice conversation with the nursing staff by incorporating a loudspeaker and microphone and is based on the VoIP technology.

Applications

Designed to be at the patient□s disposal and send the information needed to communicate the different events that occur in the room to the control stations, as well as to wireless terminals of the nursing staff (DECT or WIFI phones). Also permits patient-friendly voice communication. Room Terminal also has the possibility to connect wireless sensors and RFID readers to manage the identification and control of nursing staff in the room and in the system.

Characteristics

Being based on VoIP technology and thanks to the connection to a data network through its RJ45 connector, the Room Terminal can intercommunicate with other rooms in the same area, acting as a control station when the nursing staff is present in the room. Room Terminal incorporates an LCD display with information of the state of the of events occurring in the room and of the calls.

SPECIFICATIONS	
Dimensions (width x heigth x deep)	235 mm x 160 mm x 55 mm
Power supply	24 V
Consumption	180 mA – 555 mA
Plastic	Polycarbonate
Colour	Signal White (RAL 9003)
Operating Temperature	5ºC to 55ºC
Protection index	IP 40
Speaker	8 ohm, 0,5W
Display	LCD 2x16 characters
Keyboard	7 buttons with antimicrobian cover
Mounting	Recessed in wall (ACC-121 box required)
Signalling	According AS-3811
AUDIO	
SIPv2	Session Initiation Protocol Version 2
Codec	G.711 (Law A) (64 Kbps)
NETWORK	
MAC Direction	(IEEE 802.3)
IPv4	Internet Protocol v4
ARP	Address Resolution Protocol
DNS	A record (RFC 1706), SRV Record
ICMP	Internet Control Message Protocol
TCP	Transmission Control Protocol
UDP	User Datagram Protocol
RTP	Real Time Protocol