

GENERAL FEATURES OF CODACO NURSE CALL SYSTEM

HCC – 07 IP system with speech

General features of HCC – 07 IP system:

- System provides full duplex Hands Free or Discreet Speech between Patient and Staff.
- Nursing staff receive information such as other nurse calls, emergency calls and doctor calls via corridor lamps and room terminals, Single Sided/Double sided information display for corridor, paging system or DECT compatible devices.
- System has capacity to provide at least 2 analog or 10 internet entertainment programs (radio)
- Touch Screen color Master Nurse Station enables control of the whole system.
- Master terminal communicating in any languages according to the client request
- Systems installed in individual departments might be combined into the merged operation of up to 10 departments, which shall allow the creation of a larger functional whole with centralized manning, for example at night.
- A special version of the call unit at the bed allows calling to two independent nurses' workplaces.
 - the patient terminal allows, for example, the calling of assistance for a mother or child in the delivery room from two separate workplaces of medical personnel.
- The system allows the control of up to 10 entry doors (or the electrical locks in the doors) in the department directly from either the master terminal or using wireless RFIT readers of access cards located at the doors.
- The system is configured and programmed from PC
 - Each button in all units must be easily programmed to any functionality (e.g. type of call, call priority and nurse presence)
- The system allows connection and transfer of voice call to DECT phones
- The system can be connected to paging system or Android based mobile phones
- Master terminal and room terminal enables “voice navigation” in different languages
- Up 10 priority levels of calls/alarms can be set in the system

- Filtering of incoming calls in the room terminals is available
- History of calls and central monitoring of all events in the department is available via SQL server
- Monitoring of nurse/staff work is possible by using RFID cards
- Registration of personnel by RFID cards
- Self-diagnosis of the system
- Disconnection alarm of failure alarm of every unit in the system
- Possibility to use IP camera in the system

HCC – 01 IP signaling system

General features of HCC – 01 IP signaling system:

- The system offers all functions of IP system for staff if necessary
- It means speech function is enabled for hospital staff, doctors, nurses.
- Easy programming and installation of our IP system remains the same.
- Every function previously mentioned for full IP speech system can be used here including
 - History of calls and central monitoring of all events in the department is available via SQL server
 - Monitoring of nurse/staff work is possible by using RFID cards
 - Registration of personnel by RFID cards
 - Self-diagnosis of the system
 - Disconnection alarm of failure alarm of every unit in the system
 - Possibility to use IP camera in the system
- The system can be easily upgraded for full speech system (different cables to room terminal from the patient bed must be used)
- **In order to reduce the price of the system IP signaling system offers**
 - *Using simple push buttons for patients (non-speech and non-IP unit)*
 - It means patient will not have possibility to talk from patient unit or speaker of the patient unit
 - This simple non-speech unit is not IP unit
 - It is connected to the room terminal in the room
 - BUT WE TESTED that if this is non-speech unit connected to room terminal the room terminal with speaker will be close (up to 5 m) patient can talk to nurse via room terminal. It means patient press the button on non-speech unit and once nurse answer it will activate room terminal connected to this unit automatically and they can talk via room terminal speaker. It works really great.

Wireless communication system with localization HCC-07 IP

- Core of the system represents IP system with speech unit, but the end-user and bathroom units can be used as wireless units.
- Wireless system should enable:
 - Emergency call from the patient (with higher priority than normal call from patient)
 - Emergency call with patient localization in the ward (department)
 - Wireless software does not require any additional payment or annual fee payments
 - Battery condition monitoring in each button (low battery alarm)
 - Emergency(attack) call from staff/nurse (pink alarm) with different priority level

HCC – 01.5 signaling system

General features of HCC - 01.5 signaling system:

- It can mainly be used in hospital intensive care units, but also in pediatric or psychiatric departments where its ease of operation is certainly appreciated.
- Another application is also in the nursing homes. In order to cover emergencies, the system can also be used in the sanatoria or spa facilities.
- Due to its easy modification and user-friendly design this high-performance signaling system can also be used in the additional facilities where it is very important to provide non-voice communication.
- Simple system based on push buttons and room terminal without voice communication (except for central announcement function)