

Model 3080102

NURSE CONTROL STATION CARE/COM II



- Microcomputer Controlled
- Solid State Design
- Calls Announced by Tone Signals
- Repeated Tone Signals Unanswered Calls
- Distinct Emergency Call Signals



DESCRIPTION

Microprocessor controlled desk type nurse control station (NCS) with audio-visual call registration. It has the capability for direct access of up to sixty stations providing immediate two-way communication. A handset permits confidential conversations. The nurse control station has a reset button to permit termination of a call originated at the nurse control station without hanging up the handset.

CONTROLS AND INDICATORS

Sixty station call keys with call indicators; six zone page keys; one In-Use indicator; one Patient Call indicator; one talk-listen key; one incoming volume control and one reset key.

FAIL SAFE SIGNALING

Call announcement tone and indicator circuits are hard wired functions independent of the CPU.

CONTROL PANEL

System responds to commands through a unique touch sensor control panel. The flat, matte finish surface is spillproof and easy to clean. The unit is light and compact, designed for years of trouble-free service.

HANDSET AND SPEAKER/MICROPHONE

Handset: Carbon button transmitter and magnetic receiver.

Speaker/Microphone: Dynamic 3" (7.62cm) cone type with Alnico V magnet; voice call impedance of 45 ohms.

SOLID STATE AMPLIFIER

Output Power: 3 to 5 watts; **Input and Output Impedance:** for 45-ohm lines; **Frequency Response:** peaked for maximum voice articulation.

POWER REQUIREMENTS

24 VDC: Standby: 40ma; **Voice Communication:** 350ma; **Each Call Placement:** 40ma; **12 VDC:** 550ma maximum.

HOUSING AND FINISH

Control Panel: high impact, seamless, spill-proof (fluid resistant) molded thermoplastic finished in gray color. Housing: high impact thermoplastic finished in off-white color.

DIMENSIONS

13" (33.02cm) wide x 3-1/8" (7.94cm) high (less handset) x 10-1/2" (26.7cm) deep.

ARCHITECTS' AND ENGINEERS' SPECIFICATIONS

MODEL 3080102 NURSE CONTROL STATION (60 STATIONS)

The microprocessor controlled desk type nurse control station shall provide both audible and visual call indication. It shall have the capability for direct access of up to sixty stations providing immediate two-way communication. A handset permits confidential conversations. The nurse control station shall have a reset button to permit termination of a call originated at the nurse control station without hanging up the handset.

The system shall respond to commands through a unique touch sensor control panel. The planar, glare-free, scratch resistant control panel shall have an easy-to-clean, spillproof (fluid resistant) surface. The control panel shall be a complete switch package that is thin and durable.

The following controls and indicators shall be provided: six columns of 10 station call keys with associated LEDs; six page keys; one talk-listen key; one In-use indicator (LED); one patient call indicator (LED); and one reset key.

Patient calls shall be indicated at the nurse control station by the LEDs associated with the station call keys and audible tone emitted by the speaker. Call announcement tone and indicator circuits shall be hard wired to function independently of the CPU for greater safety in the event of microprocessor malfunction.

The speaker/microphone shall be dynamic 3" (7.62cm) cone type with Alnico V magnet. The impedance of the speaker's voice coil shall be 45 ohms.

The nurse control station shall have the capability of being recessed wall mounted by using a wall mounting kit, Model 3084002 and backbox, Model A47423. To facilitate desk mounting, the J7380S/W41P Receptacle shall be used for system connections. In addition, for ease in installation and maintenance, the nurse control station shall be equipped with an 8-foot plug-in cord.

The housing shall be of high impact, molded ABS finished in off-white. The faceplate, containing the controls and indicators, shall be a functionally color coordinated spillproof, seamless touch sensor control panel. The maximum dimensions shall be 13" (33.02cm) wide x 3-1/8" (7.94cm) high (less handset) x 10-1/2" (26.7cm) deep.