



System Control Unit (Visual Only) HTN7680UA

Description: The Special System Control Unit is designed with Assisted Living facilities in mind. It contains a Processor Module which will accommodate up to 128 addressable stations, and Power Supplies. Four Annunciator Panels, multiple consoles, swing room capability, remote diagnostics, and interfaces to printer and radio page systems are just a few of the innovations that comprise the feature-packed product. With this Special Control Unit, nurse consoles may be used as an easy method of entering pocket paging assignments.

Wall mounted in a steel cabinet, the Control Unit contains the field connection points for terminating the power, control, and data cables from the Staff Consoles, Annunciator Panels, Patient Stations and other input/output devices installed in the system.

Operation: When used with a Cornell System, the System Control Unit accommodates up to 128 addressable stations, 32 Duty Status and four 32-LED Annunciator Panels.

Mounting: Cornell provided cabinet with Flush or Surface Mounted door.

Engineering Specifications: The Control Unit shall be a wall-mounted control panel, model HTN7680UA (128 station). The panel shall be mounted in an electrical equipment cabinet, model HDN7681UA, 24"Wx36"Hx4"D, constructed of 14 gauge steel, and equipped with one of two types of lockable doors (flush: HDN7682UA or surface: HDN7683UA). The cabinet shall be equipped with a cutout for a standard duplex receptacle for plugging in the power supply line cords inside the cabinet. The Control Unit shall supply power and control voltages and the field termination points required to install and operate the Staff Call System. The Control Unit shall include a serial data used to communicate from one Console to another, monitor system status, activate selected options, change room map parameters, perform system diagnostics, etc. The RS-232 serial data port for interface to a radio paging system, a modem, or to a standard video terminal device, used to change room map parameters and perform system diagnostics. The Control Unit shall be equipped with a separate Common Equipment Ground terminal, clearly identified as such, to be used by the installer to terminate all designated Equipment Grounding conductors (wire color: GREEN or GREEN w/YELLOW stripe)

Technical Information:

- Power Requirements The Control Unit power supplies shall be all solid state and proved 24 VDC for dome light power and 12 VDC for control and logic circuits in the system. Each power supply shall be adequately protected from overload and short circuits.
- Operating Environment: 50-120°F Indoor Non-condensing
- Physical Dimensions: 24"W x 36"H x 4"D
- Mounting: Provided Cabinet
- Wiring: #22 AWG Minimum

