



Product Specification Sheet



APS103

Rev. 4 - 04/2003



**NC350C64 / NC350C64P
NC350C128P / NC350CPX2
Central Processing
Equipment (CPE)**

ARCHITECTS' AND ENGINEERS' SPECIFICATIONS

The audio-visual microprocessor nurse-call system(s) shall be Alpha Communications®/Tektone NC300 series, or approved equal. At each of the central equipment locations, contractor shall furnish and install the model NC350C64 (64 unit/2 master capacity) or NC350C64P (64 unit/2 master capacity plus serial/printer port) or NC350C128P (128 unit/4 master capacity plus serial/printer port) or NC350CPX2 (256 unit/4 master capacity plus serial/printer port) central processing equipment (CPE).

At each of the main nurse's location, contractor shall furnish and install one (1) model NC303 master station, along with its associated NC313 monitor and NC314A converter. Contractor shall furnish and install all other required system components, as needed for each particular system.

Contractor shall furnish and install the model PC-25 uninterrupter power supply (for each CPE) where required.

System shall be U.L. listed 1069 to the latest standards. Contractor shall observe all local and national electrical and building codes.

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NC350C Series Central Processing Equipment (CPE)

The Alpha Communications® NC300 series microprocessor-based audio-visual nurse-call system provides all of the most desirable ergonomic features and functions required by today's health care administrative professionals. The NC300 addresses the needs of both patient and nurse by combining ease of operation, accurate two-way voice communication, and an English language format prominently displayed on a high-resolution, compact CRT.

The NC300 system also includes masters that incorporate SPILL-PROOF membrane switches mounted on an attractive housing. The keys are colored and grouped accordingly for ease of operation, and the handset is an integral part of the master station.

The heart of the system is the Central Processing Equipment (CPE). CPE's are available with or without dual system networking and serial data/printer/pocket pager ports. Each CPE (depending upon model) supports two to four (2-4) primary CRT/masters. Total NC300 system capacity is up to 512 addressable points Using dual NC350CPX2 CPEs). All master stations have the ability to select specific areas and/or rooms, set patient priority level and room status, or change an reassign any station within the system. Selection or reassignment of paging zones, choosing from selected areas, or All-Call is equally simplified by user-friendly, menu-driven programming procedures. Many of the more commonly used functions are easily selectable by depressing the appropriate keys on the SPILL-PROOF membrane switch. Masters also include ALPHA-character selection for ALPHA-NUMERIC room programming and calling. All programming on any master, or any portion of each menu may be protected by user-selectable passwords, to prevent tampering or unauthorized changes. Coupling all of these features and functions with the installed cost benefit provided by multiplexed wiring and plug-in terminations means you have chosen the most efficient and cost-effective nurse-call system on the market.

FEATURES

- U.L. 1069 Listed, 4th Edition Standards
- English Language Format
- 8 Paging Zones and All-Call
- Programmable Alpha-Numerical Room Numbering
- Programmable Bed Status
- Master-to-Master Communications
- Supervised Multiplexed Wiring - 32 Levels of Priority
- Staff Locator and Follower
- 4 Simultaneous Talk Paths (with 4 Master CPEs)
- Master with SPILL-PROOF Membrane Switches

SPECIFICATIONS

Dimensions:	19.50"W x 15.50"H x 5.25"D (496 x 394 x 134mm)
Capacity:	Up to 64/128/256 stations; up to 4 total masters
Power Input:	115 V, 60 Hz, 125 W
Environment:	0 degrees C - 50 degrees C; 0-80% relative humidity
Terminations:	Plug-in connectors
System Supervision:	Continuous polling of all stations. Station or wiring faults displayed at master station.
System Protection:	All outputs are protected self-resetting current-limiting devices.
Audio:	2-4 audio paths provide. Amplifiers rated at 10 watts. Overload and short circuit protection included.

Due to continuous product improvement, all colors, sizes, materials, finishes and specifications are subject to change without notice.