



Product Specification Sheet



APS473

Rev. 2 - 06/2005



**NC351A
NC351A/2
Central Processing
Equipment (CPE)**

ARCHITECTS' AND ENGINEERS' SPECIFICATIONS

The audio-visual microprocessor nurse-call system(s) shall be Alpha Communications®/Tektone NC300II series, or approved equal. At each of the central equipment locations, contractor shall furnish and install the model NC351A (256 unit/4 master capacity plus serial/printer port) or NC351A/2 (512 unit/8 master capacity plus serial/printer port) central processing equipment (CPE). When using the NC351A/2 CPE, contractor shall furnish and install the PK305A auxiliary power supply as well.

At each of the main nurse's location, contractor shall furnish and install one (1) model NC304 (or NC304LCD with 2-line LCD display) master station, along with its associated NC315 monitor. 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 uninterruptible 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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NC351A and NC351A/2 Central Processing Equipment (CPE)

A major component of the NC300II series microprocessor-based audio-visual nurse-call system, the Alpha Communications® NC351A and NC351A/2 CPE's supply the central equipment point for system component integration. The NC351A supports up to 4 master consoles and 256 addressable stations, while the NC351A/2 supports up to 8 master consoles and 512 addressable stations. The NC351A and NC351A/2 house the necessary firmware to operate all the NC300II System functions. From a single durable metal enclosure, the central equipment supports (2) isolated serial ports, field station ports, master console ports, optional single common video output, and power requirements for up to 512 patient, staff and duty stations.

FEATURES

- U.L. 1069 Listed, 4th Edition Standards
- English Language Format
- 16 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 or 8 Simultaneous Talk Paths (depending upon CPE)
- Master with SPILL-PROOF Membrane Switches
- Modular construction - easily expandable
- 2 isolated serial ports
- Self-contained electronics and power supply
- 12 or 24 hour time display format
- Buss connection for a single common video output

SPECIFICATIONS

<u>Dimensions:</u>	19.50"W x 15.50"H x 5.25"D (496 x 394 x 134mm)
<u>Capacity:</u>	Up to 4 (NC351A) or 8 (NC351A/2) masters and controllers, up to 256 (NC351A) or 512 (NC351A/2) stations
<u>Power Input:</u>	115 V, 60 Hz, 125 W
<u>Environment:</u>	26°C; 0-80% relative humidity
<u>Terminations:</u>	Plug-in connectors
<u>System Supervision:</u>	Continuous polling of all stations. Station or wiring faults displayed at master station(s).
<u>System Protection:</u>	All outputs protected by self-resetting current-limiting devices.
<u>Audio:</u>	Up to 4 (NC351A) or 8 (NC351A/2) audio paths provided. Amplifiers rated at 20 watts. Overload and short circuit protection included.

REQUIRED COMPONENTS

<u>PK305A</u>	Supplemental power supply. (1) Required for each NC351A/2 CPE (not required for NC351A)
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Due to continuous product improvement, all colors, sizes, materials, finishes and specifications are subject to change without notice.