



Product Specification Sheet



APS087

Rev. 7 - 05/2005



**HC345C
Central Processing Equipment**

ARCHITECTS' AND ENGINEERS' SPECIFICATIONS

The audio-visual microprocessor emergency-call system shall be AlphaCommunications®/Tektone HC345C series, or approved equal. At each of the apartment locations, contractor shall furnish and install a model IR345C Occupant Help Station (OHS). At each secondary apartment location, contractor shall furnish and install a model IR145B remote Occupant Help Station (OHS). At each bath location, contractor shall furnish and install a model SF340B (push/pull) and/or SF337C (water resistant) emergency-call station. At each indicated location, contractor shall furnish and install a model LI380 corridor dome light. Where required, contractor shall furnish and install the necessary LI386B corridor zone light(s), model IR310C staff stations, model IR315E remote duty stations, and model IR300C multi-purpose stations.

At each of the main nurse's location, contractor shall furnish and install one (1) model NC303 master station, along with its associated NC313 CRT (with NC314A) (or NC315 Flat Screen) monitor. At the central location, contractor shall furnish and install the model HC345C (256 point capacity plus printer port) Central Processing Equipment (CPE). Contractor shall furnish and install the model PC-25 uninterruptable power supply (for each CPE) where required.

Contractor shall observe all local and national electrical and building codes.

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HC345C Tek-Check-In™

Central Processing Equipment (CPE)

The Alpha Communications® HC345C series Tek-Check-In™ microprocessor-based audio-visual emergency-call system provides senior citizen building occupants with unparalleled protection, while supplying management with a fully automatic mandated check-in procedure for each resident. The HC345C addresses the needs of both resident and staff by combining ease of operation, accurate two-way voice communication, and an English language format prominently displayed on a high-resolution, compact CRT.

The HC345C system also includes masters with keys that 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 HC345C Central Processing Equipment (CPE). Standard features include the capacity for 256 addressable stations, and a serial port for adding a printer or management system (NC386B). Electronic supervision is provided through the polling of the system four (4) times a second to verify proper system function and total system operation. An optional Uninterruptable Power Supply (UPS) (Model #PC-25) is offered to guard against power outages regardless of geographical location or harsh-weather environments.

The CRT master station combination provides all programming capability necessary to assign room numbering, set room status, and carry on a two-way voice communication with the residents, while prominently displaying English language system information on a high-resolution CRT. In addition to the handset, the master incorporates additional function keys which allow the operator to dispatch administrators/staff to appropriate rooms, if required. Each apartment station is attractively styled with a white faceplate to compliment any decor.

Each resident must check in each day by simply pressing a "Check-In" button prominently mounted on the (Model #IR345C) apartment Occupant Help Station (OHS). Each apartment may have a (Model #IR145B) remote OHS for emergency calling purposes only. This single "Check-In" action removes the resident's apartment designation from the CPE. If the resident does not check in, the apartment designation will remain on the system CRT at the conclusion of the check-in sequence. The supervising authority must contact the resident by using the voice-communication system or dispatch administrative personnel to verify the well-being of the resident. The check-in time sequence can be tailored to fit the needs of each facility and is password protected for security against misuse or tampering.

To maximize the installed cost-benefit of every HC345C system, we have added monitoring ability of ancillary devices such as apartment smoke detectors, door contacts, and emergency pull cords. The flexibility furnished by the HC345C programming alternatives, simple multiplexed wiring, and standard back box mounting all add up to a system that is unequalled in feature and function.

FEATURES

- Microprocessor Design using 80486 Central Processor
- English Language Format
- Non-Volatile User-Programmable Memory
- Simple Plug-In Field Wiring using All Common Wires
- Can Intermix with NC300II type Stations
- Built-In RS232 Serial Printer Interface
- Supports up to 4 Masters per System
- Master with built-in Privacy Handset and membrane keypad switches

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

Tek-Check-In™ is a registered trademark of Tektone Sound & signal Mfg. Inc.