



Product Specification Sheet



APS704

Rev. 1 - 07/2009



NC369

ARCHITECTS' AND ENGINEERS' SPECIFICATIONS

The UHF on-site paging system transmitter/control unit shall be Alpha Communications®/TekTone NC369, or approved equal. The NC369 shall support the NC300 (or NC300II) Nurse-Call Systems, TC400 Nurse-Call Systems or NC500 Emergency-Call Systems. The paging information shall be supplied to the unit at 9600 baud and shall be transmitted to the radio pagers at 1200 baud on 457.550 Mhz. Information such as call type, room location, and priority level, shall be transmitted to the pagers in its entirety. LEDs shall indicate transmitter activity.

The paging system shall support up to 1,000 pager IDs and shall have adjustable transmission strength of up to two (2) watts (site survey recommended).

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

NOTE: Paging is an ancillary method of call annunciation, and is not intended to replace the primary annunciation provided by the Nurse-Call or Emergency-Call (or other) system.

NC369 On-Site UHF Paging Transmitter/Control Unit

The NC369 UHF Paging Transmitter receives alphanumeric messages and patient call information via serial interface and transmits the information directly to pagers. Information is sent at 9600 baud to minimize bottlenecks. Call type and location are determined by the system supplying information to the transmitter. Up to 1,000 pager IDs are supported. Battery backup is also available. Programming is simple using a PC or laptop and web based programming screens. Dipswitches are also available on the unit for minimal function onsite setup. The Unit is designed for on site paging requirements only and not for long range.

The range of the system will largely depend on the site and location of the transmitter unit. To determine the exact coverage, conduct a site survey. For estimation purposes of a properly located NC369, a range of up to one mile can be expected, under ideal conditions. The unit is supplied with a 1/4 wave BNC-terminated, antenna to provide coverage that meets most requirements. The optional CA133 Antenna is suited for installations that require good building penetration and range. On average, the CA133 Antenna adds about 25% to the transmission footprint, and because it comes with approximately 10 feet of cable, it can be mounted in more locations.

FEATURES

- Operates with NC300, NC300II, NC500, TC400 or other compatible system(s)
- System covers a radius of up to one mile (site survey must be done to verify range)
- 9600 baud serial input
- Supports 1,000 individual pager IDs
- Supports numeric or alphanumeric pagers

SPECIFICATIONS

Dimensions:	Height: 2.70" (69mm) (antenna protrudes beyond that)
	Width: 10.00" (254mm)
	Depth: 8.00" (204mm)
Construction:	Electro components mounted on PCB enclosed in an ABS plastic housing
Connections:	Plug-in RJ45 to DB9
Housing:	Surface or shelf mounted
Frequency:	Programmable for 440 MHz - 470 MHz
RF Power output:	Up to 2 watts
Voltage:	12VDC at 2A Input 115 VAC
FCC ID No.:	T5GPT5
Baud Rate:	9600 serial input, 1200 transmit

REQUIRED COMPONENTS

- NC399P Alphanumeric Pocket Pager(s)
- TC400 Nurse Call System
- or- TC300II Nurse-Call System
- or- NC110/NC150/NC200 Nurse-Call System
(requires NC375 Transmitter Interface)
- or- NC500 Wireless Emergency-Call System

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