



Product Specification Sheet



APS168

Rev. 4 - 02/2009



NC368A

ARCHITECTS' AND ENGINEERS' SPECIFICATIONS

UHF on-site paging system transmitter/control unit shall be Alpha Communications®/Tektone NC368A, or approved equal. It shall be specifically configured to receive patient calls from Alpha Communications®'s NC300 Nurse Call System. It shall transmit patient call information, via radio UHF of 457.550MHz, to Alpha Communications® NC397A Alphanumeric Pocket Pager(s), at a baud rate of 1200. Information such as call type, room location, and priority level, shall be as indicated by the NC350C series CPE and shall be transmitted to pagers in its entirety.

The NC368A shall allow for connection to a telephone system without interfering with its ability to connect to an NC350C CPE. If connected to a telephone system it shall be possible to use any telephone extension in that system to send numeric messages to pagers. It shall also be possible to access and send any one of 50 pre-programmed text messages stored in the NC368A.

Alpha Communications®'s on-site UHF paging system shall have a transmitting range of up to one mile (depending on results of site survey), and shall support up to 9999 pagers.

NC368A On-Site UHF Paging System Transmitter/Control Unit-3 Ports

The NC368A Transmitter/Control Unit (on-site UHF paging system) is used to transmit alphanumeric messages and patient call information direct to pagers according to data sent to it from Alpha Communications®'s NC300 Nurse Call Systems. The Unit is designed for on site paging requirements only and not long range.

It will accept information from the nurse call CPE, Alpha Communications® NC350C series. The information related to call type, time of call type, and room location will be determined by the NC350C CPE.

The NC368A can send numeric messages from any telephone on your exchange direct to the pagers. The NC368A can also transmit 50 pre-programmed text messages via telephone to alphanumeric pagers (10 messages come standard with each unit.) Up to 9999 pagers can be supported. The NC368A also comes standard with 5 dry contact inputs alarm messages 1-5.

The range of the system will largely depend on the site and location of the base unit. The base is supplied with a 1/4 wave BNC terminated, antenna. To determine the exact range of the transmitters, a site survey must be done, contact Alpha Communications® for details. For estimation purposes of a properly located NC368A, a range of up to one mile can be expected. See the instruction manual for additional details. Other antennas and signal amplification options are available to increase range, contact Alpha Communications®. Battery back-up also available.

FEATURES

- Operates with the NC300, or any phone system
- System covers a radius of up to one mile (site survey must be done to verify range)
- Supports 9999 individual pagers
- Supports numeric or alphanumeric pagers
- 5 dry contact alarm inputs
- Up to 50 pre-programmed text messages
- Prioritization of patient calls

SPECIFICATIONS

Dimensions:	Height: 11.88" (309mm) (antenna protrudes 6.25") (159mm)
	Width: 13.25" (337mm)
	Depth: 3.25" (84mm)
Construction:	Electrocomponents mounted on PCB enclosed in an ABS plastic housing
Connections:	Plug-in connections
Housing:	Surface mounted
Operating Frequency:	457.524 MHz - 467.925 MHz
RF Power output:	100mW - 500mW
Operating Voltage:	10-13.8 VDC, Input Voltage 115 VAC
Current consumption:	50mA standby, 300 mA transmit (500mW)
FCC ID No.:	JRNUSADATALINK
Serial input baud Rate:	300
Transmit baud Rate:	1200

REQUIRED COMPONENTS

NC300	NC300 Nurse Call System w/NC350C CPE (software rev. level 1.93.1 or higher)
NC397A	Alphanumeric Pocket Pagers

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

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