



Product Specification Sheet



APS288

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NC366A

ARCHITECTS' AND ENGINEERS' SPECIFICATIONS

UHF on-site paging system transmitter/control unit shall be Alpha Communications®/Tektone NC366A, or approved equal. It shall be specifically configured to receive patient calls from any combination of up to 3 appropriately equipped Alpha Communications®'s NC110A, NC110N, NC150R, NC200N Nurse Call Systems or CM800 or NC150R Emergency-Call Systems. It shall transmit patient call information, via radio UHF of 457.550 MHz, to Alpha Communications® NC367 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 system and shall be transmitted to pagers in its entirety. The NC366A shall transmit higher priority calls first, regardless of chronological order received. It shall also transmit four (4) different and distinct signals to enable pagers to audibly indicate the priority levels of the call.

The NC366A shall be configured with a DTMF telephone interface board (NC366AT) and shall allow for connection to a telephone system without interfering with its ability to connect to the nurse/emergency-call system(s). If connected to a telephone system it shall be possible to use a touch tone 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 NC366A.

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.

NC366A On-Site UHF Paging System Transmitter/Control Unit-3 Ports

The NC366A 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 any combination of up to 3 NC110A, NC110N, NC150N, NC200N Nurse Call Systems or CM800 and NC150R Emergency-Call Systems. The Unit is designed for on site paging requirements only and not long range.

It will simultaneously accept information from up to 3 NC110N, NC150N, NC200N Nurse Call Systems or CM800 or NC150R Emergency-Call Systems in combination with the NC375 voltage interface unit, or 3 of the NC386A/8 TEK-MMARS II PC's, or 3 appropriately configured PCs with InterPage paging software. All information is transmitted at 9600 baud, eliminating bottlenecks caused by multiple patient calls. The information related to call type, and room location will be determined by the system supplying information to the NC366A. The NC366A will prioritize the pending calls, sending the highest priority calls first. It will also send four (4) distinct and different signals to enable the pocket pagers to audibly indicate the priority levels of the calls.

The NC366A is supplied with a DTMF board (NC366AT), it will be able to send numeric messages from any telephone on your exchange direct to the pagers. The NC366AT 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 NC366A also comes standard with 10 dry contact inputs alarm messages 1-10.

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 NC366A, 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 NC110N, NC150N, NC200N, CM800 or NC150R system (with appropriate options added to system)
- System covers a radius of up to one mile (site survey must be done to verify range)
- Supports 9999 individual numeric or alphanumeric pagers
- 10 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: 7.25" (183mm)
	Depth: 3.25" (84mm)
Construction:	Electrocomponents mounted on PCB enclosed in an ABS plastic housing
Connections:	Plug-in connections
Housing:	Surface mounted
Operating Frequency:	450 MHz - 470 MHz
RF Power output:	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:	9600
Transmit baud Rate:	1200

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