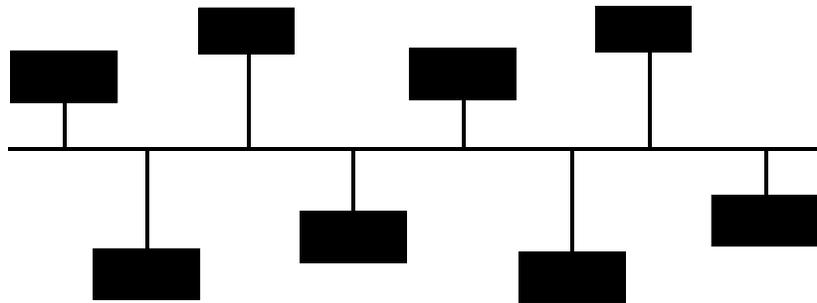
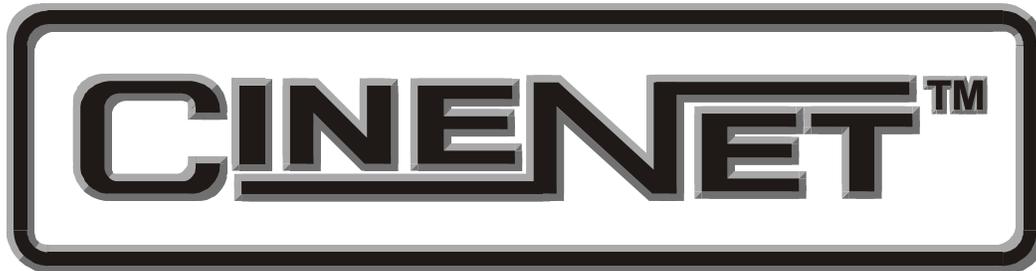


# Paging System



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## Operation and Installation Manual

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Revision 2.00  
June 2005

# ***CineNet Paging System Setup and Operation Manual***

## ***PR018 Revision 2.00***

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This manual covers the setup and operation of the CineNet Paging System.

Optional CineNet and related equipment is covered in the following product reference manuals:

- PR001 CNA Installation Manual
- PR002 CNA-200 Setup and Operation Manual
- PR003 CNA-150 Setup and Operation Manual
- PR004 CNA-100 Setup and Operation Manual
- PR005 QDC-400 Installation and Setup Manual
- PR006 ACP-50 Installation and Setup Manual
- PR007 RVC-5 Installation and Setup Manual
- PR008 PCI-64 Gateway Interface Installation
- PR009 CineNet Host Software
- PR010 RCM-10/RSM-10/RSM-20 Installation and Operation Manual
- PR011 Strong Dimmer Installation, Setup, and Operation Manual
- PR012 eCNA-100 Automation Manual
- PR013 eCNA-150 Automation Manual
- PR014 eCNA-200 Automation Manual
- PR016 Strong FP350 Installation and Operation Manual
- PR017 Eprad FP350 Installation and Operation Manual
- PR018 Paging system Setup and Installation Manual
- PR019 VNC Setup and Operation Manual
- PR020 CineSuite Installation and Operation Manual

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### **Warranty**

CineNet automation products, sold by STRONG INTERNATIONAL, are warranted against defects in materials and workmanship for one year from the date of purchase. There are no other express or implied warranties and no warranty of merchantability or fitness for a particular purpose.

During the warranty period, STRONG INTERNATIONAL will repair or, at its option, replace components that prove to be defective, provided the unit is shipped prepaid to the manufacturer directly or via an authorized distributor. Not covered by this warranty are defects caused by modification, misuse or accidents and any further damage caused by inadequate packing for service return.

STRONG INTERNATIONAL's obligation is restricted to the repair or replacement of defective parts and under no circumstances will STRONG INTERNATIONAL be liable for any other damage, either direct or consequential.

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# CINENET™ Paging System

## Features Overview

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- 2 watts effective radiated power with approximately 1 mile range, depending on terrain and obstructions.
- 467.800 MHz crystal controlled transceiver.
- Automatically pages when a show goes down.
- Supports up to ten alpha-numeric pagers.
- PC Software allows easy pager configuration.

## Package Contents

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- One VNC Versatile Network Controller
- One VNC AC Power Adapter
- One VNC RS-232 Host Computer Interface Cable
- One Paging Transmitter with Mounting Bracket Kit
- One Paging Transmitter Harness with AC Power Adapter
- Strong Host Software (version 1.013 or later)
- This User's Guide

## Introduction

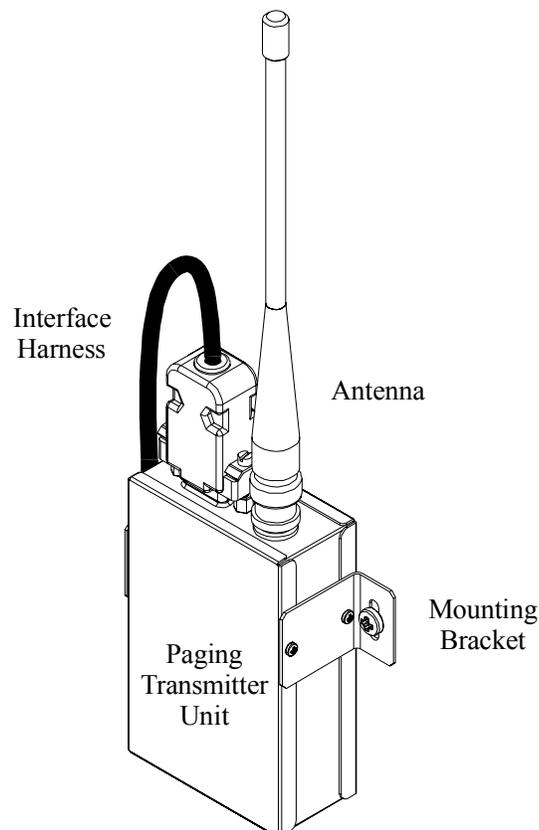
The CINENET™ **Paging System** automatically sends messages to one or more pagers alerting key personnel that a show has gone down. Up to ten pagers can be used with the paging system. The system is easy to install and is configured at the factory for the number and type of pagers ordered with the system. If additional or replacement pagers are required, PC software is included allowing you to easily configure the system. See the *Configuring the VNC for Pagers* section.

## Installation

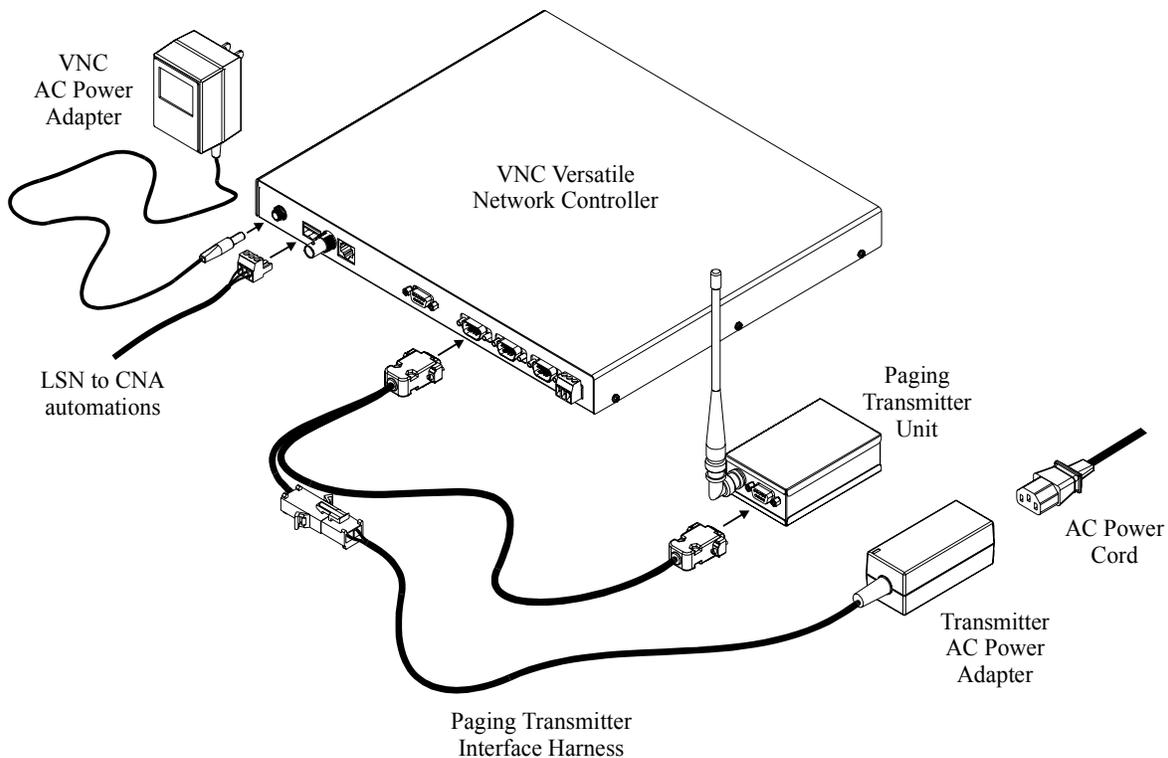
1. Attach the “Rubber Duck” antenna to the transmitter unit. In normal paging operations, the paging transmitter should be oriented in a vertical position to maximize the paging range.

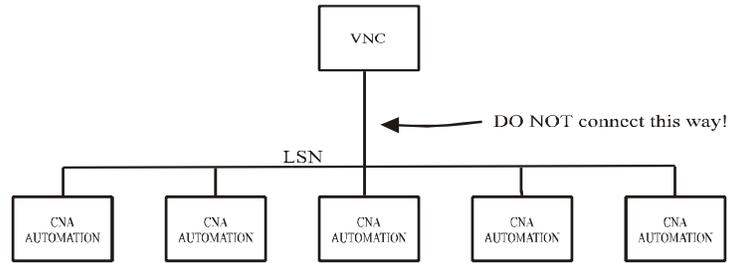
Note: Do not attempt to operate the paging system without the antenna connected to the paging transmitter, as damage to the paging transmitter may occur.

2. Attach the mounting brackets to either side of the transmitter unit, reusing the two screws on each side of the paging system. Use the mounting brackets as a template to mark a location on a wall or other non-metal vertical surface to mount the transmitter unit. Attach the two #6 x 3/4" sheet metal screws to the wall or vertical surface. Mount the transmitter unit onto the two screws, using the keyhole slots in the mounting bracket.

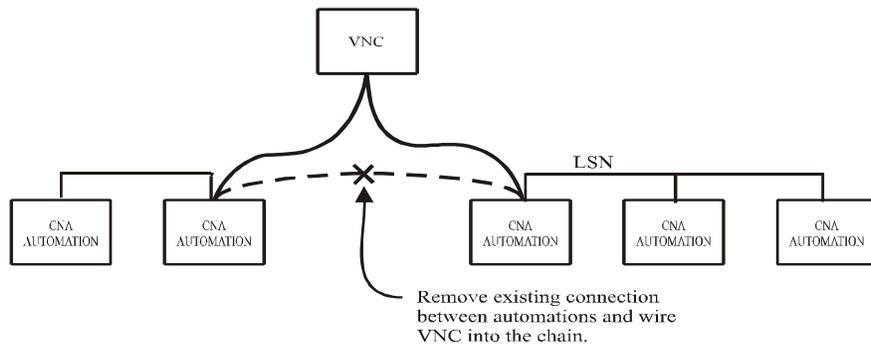
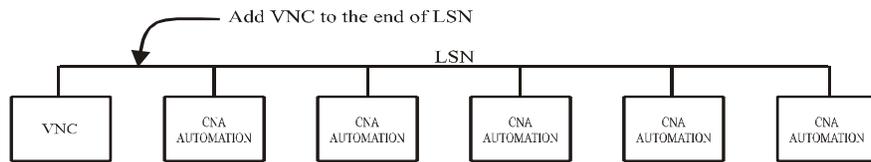


3. Plug the Power/Comm adapter cable into the RS-232 Port 1 connector on the back of the VNC Versatile Network Controller. Tighten connector screws.
4. Plug the interface harness into the DB9 female connector on the transmitter unit. Tighten connector screws.
5. Make the LSN connections to the “green” LSN connector on the VNC Versatile Network Controller.  
Note: LSN devices such as the CNA automation and RSM-10 remote stations must be wired in a “daisy-chain” configuration. It is important that the VNC be wired in this method. The VNC can be added to the “end” of the chain or it can be wired between any two automation or remote stations, whichever is most convenient.
6. Plug the transmitter ac power adapter into a 110 VAC power outlet. The red colored PWR/BAT LED indicator on the transmitter unit should be illuminated when power is properly applied.
7. Plug the VNC AC power adapter into the rear panel of the VNC Versatile Network Adapter and then into a 110 VAC power outlet.
8. The red colored POWER LED indicator on the VNC front panel should be illuminated when power is applied.





(a) This is the wrong way



(b) These are the correct ways

## Operation

When the CINENET™ Paging System is assembled and power is applied, you should be able to see the PWR/BAT indicator illuminated on the transmitter unit and the POWER indicator illuminated on the VNC Versatile Network Controller.

To verify the system is working, force a fault on one of the CNA automations that is running a dummy show. All pagers should indicate a received message by one of three indicators, depending on how the pager is configured. (See *Pager User's Guide* to configure your pager.) The pager will display the text message "HOUSE dd DOWN", where dd is the CNA Id number.

## Configuring the VNC for Pagers

Paging Systems are shipped from the factory configured for the number and type of pagers. If it becomes necessary to replace or add pagers to a system, you must configure the VNC properly. To do this you must use the Strong Host program version 1.013 (or later) running on a PC.

1. Plug one end the VNC serial interface cable into the com port of the PC and the other end into the HOST COMPUTER connector on the VNC.
2. Start the Host software. Configure the Host software for the correct serial port settings in the System Configuration screen.
3. First you must copy the VNC configuration to the Host PC. From the Main Menu screen select VNC Menu by pressing '4'. Press '2' to enter the Copy Configuration screen. Change the direction of the copy by pressing the 'space bar'. The arrow should be pointing toward "HOST". Enter the VNC ID (usually 64). And finally enter the name of the file you want to save the configuration to. (Remember to use all upper case letters).
4. Next, you must make the appropriate changes to the configuration file. From the VNC Menu press '1' to enter the Set-up VNC screen. You are then prompted for a file name. Enter the file name. (Again, use all upper case letters). The following screen is displayed after you press 'ENTER'

```

3:44:43 PM  6/19/2000  NET  2
Setup VNC
File Name:  SETUP
MODE  BAUD  DATA  PARITY  STOP  DELAY (Seconds)
Expansion Port 1: Disabled 9600 8-bit None 1-Stop 250 ( 1.000)
Expansion Port 2: Disabled 600 7-bit None 1-Stop 0 ( 0.000)
Expansion Port 3: Disabled 9600 8-bit None 1-Stop 250 ( 1.000)
Expansion Port 4: WaveWare 9600 8-bit None 1-Stop 250 ( 1.000)

Paging Transmitter
CAPCODE  BAUD
Pager 1: 717 2400
Pager 2: 512
Pager 3: 512
Pager 4: 512
Pager 5: 512
Pager 6: 512
Pager 7: 512
Pager 8: 512
Pager 9: 512
Pager 10: 512
Carrier Detect: Off

Esc=Save Changes

```

There are two parts to this screen. First is the VNC expansion port setup. It will normally not be necessary to change this configuration. The second part of the screen is used to configure the pagers. To add pagers, simply enter the pager capcode and baud rate to the current list of pagers. To replace a pager, simply edit the new capcode and baud rate to replace the old pager settings. The capcode and baud rate is printed on the back of the pager. Save changes to the file.

5. Finally you must copy the configuration to the VNC. From the Copy VNC Configuration screen press the 'space bar' to change the direction of the copy. The arrow should point to "VNC". Enter the VNC ID and file name to perform the copy.
6. Test the new pager(s) by simulating a show fault at the CNA automation.

## Replacement Parts:

This is a listing of the major components that may be required by the technician/ equipment owner when repairing a paging system or replacing missing or damaged components:

Description	Strong P/N	OEM P/N
VNC Main controller board		39460
VNC Expansion board		39461
VNC Power Supply		27106
Paging Transmitter		39601
Paging Receiver		39602