

LEIGHTRONIX, INC.

Video Servers • Television Automation

NET-164 INSTALLATION QUICK GUIDE



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INTRODUCTION

The purpose of this quick guide is to provide the basic steps for the following:

- Connecting signal wiring and PRO-BUS interfaces to the NET-164
- Configuring the NET-164 for Ethernet network access

For more detailed instructions, refer to the *NET Series Manual*.

OVERVIEW OF NET-164 WIRING CONNECTIONS

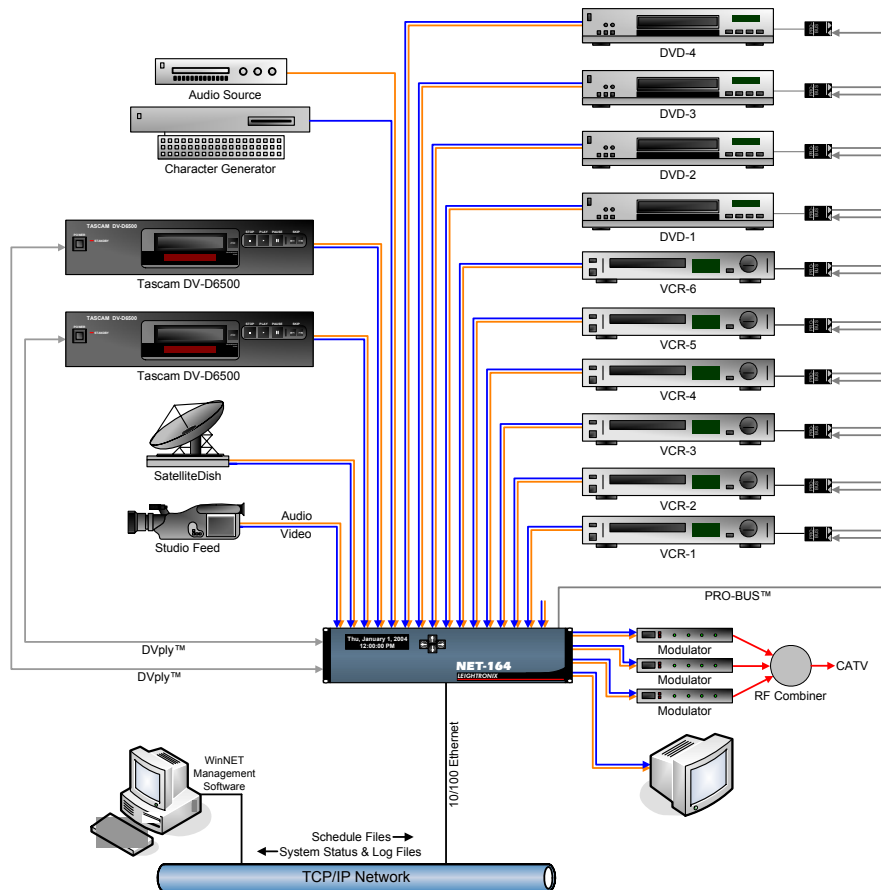
The drawing below shows a sample connection scenario for the NET-164. Video and audio sources (VCRs, DVD players, satellite or studio feeds, character generator, etc.) are connected to the 16 NET-164 inputs, while the NET-164 outputs are connected to the desired destination equipment (such as modulators). PC configuration and control is done over a 10/100 Base-T Ethernet connection.

NOTE: In order to use WinNET software, you must connect your PC to the NET-164 via an Ethernet cable.

The NET-164 has two DVply connectors to control TASCAM® DV-D6500 DVD players, which allow cueing of DVDs by Title: Chapter. VCRs and DVD players are controlled through the use of LEIGHTRONIX PRO-BUS interfaces, sold separately for many brands and models of professional video equipment and available with infrared, mini-jack, and multi-pin connectors. The PRO-BUS interfaces loop together so the user does not have to separately connect each PRO-BUS to the event controller.

The NET-164 has configurable fallback inputs. If valid video is lost on an output and a fallback time has been set, the NET-164 will switch that output to the fallback input when video has been absent for the entered time. Place a continuous source of video such as a character generator, bulletin board, or satellite feed on your fallback input(s) to act as the fallback in case of source equipment malfunction.

Illustration 1, NET-164 Typical Playback System Diagram



SIGNAL WIRING AND PRO-BUS INSTALLATION INSTRUCTIONS

NOTE: Refer to "Illustration 1, NET-164 Typical Playback System Diagram," in the "Overview of NET-164 Wiring Connections" section of this quick guide and the illustrations on this page.

Start

- Connect the following to your NET-164:
- Input (source) equipment video cables (A)
 - Input (source) equipment audio cables (B)
 - Output (destination) equipment video cable(s) (C)
 - Output (destination) equipment audio cable(s) (D)



Will NET-164 be used for device control?

No
Connect power supply (G) to NET-164 and plug Event Controller into AC outlet.

Configure NET-164 for Ethernet network access (H). See the "Ethernet Network Configuration Instructions" section of this quick guide.

End

Yes

If using, connect Tascam DV-D6500 DVD player cables (E) to your NET-164.

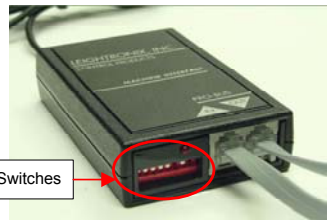
Connect one end of a RJ-11 cable to Event Controller's PRO-BUS output (F) and the other cable end into the **input** of a PRO-BUS interface.

Using attached device cable, connect PRO-BUS interface to VCR/DVD player.

Is there another VCR/ DVD player connected to NET-164?

Yes
Connect an RJ-11 cable from the **output** of the first PRO-BUS to **input** of another PRO-BUS.

No
Set the DIP switches on each PRO-BUS (see instructions included with PRO-BUS).

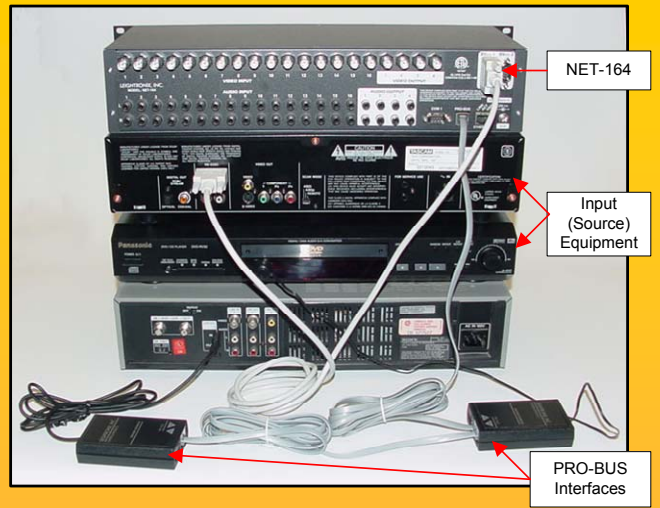


Connect power supply (G) to NET-164 and plug Event Controller into AC outlet.

Configure NET-164 for Ethernet network access (H). See the "Ethernet Network Configuration Instructions" section of this quick guide.

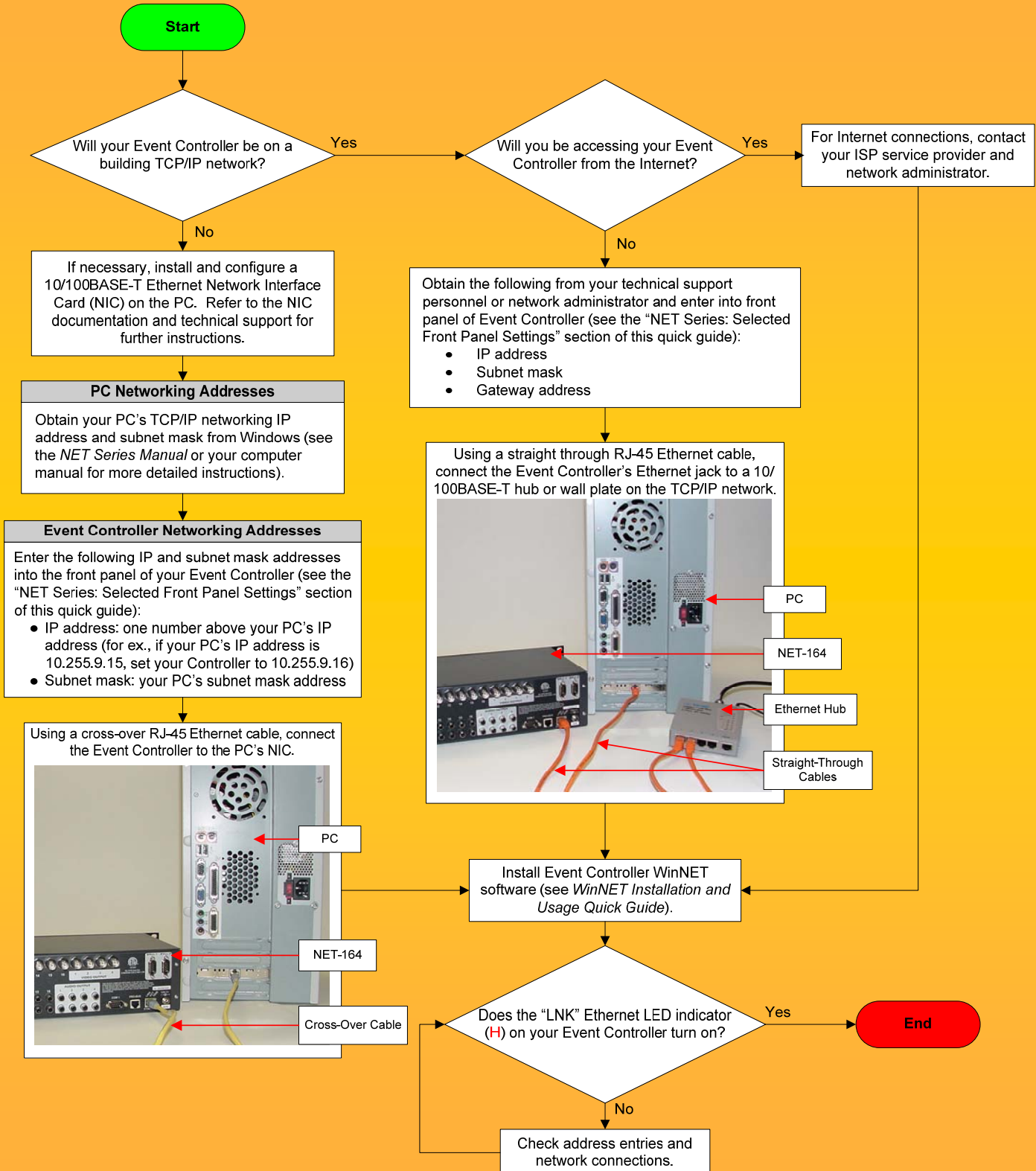
End

PRO-BUS Interface Connections



ETHERNET NETWORK CONFIGURATION INSTRUCTIONS

NOTE: Your PC must have a Windows® 98/ME/NT/2000/XP Operating System in order to run WinNET software.



NET SERIES: SELECTED FRONT PANEL SETTINGS

ACTION	STEPS	CORRESPONDING SCREEN DISPLAY
<p>Front Panel Password</p> <ul style="list-style-type: none"> Enter password to access event controller and display "MAIN MENU." 	<p>1. From any status screen, press "→" to display password entry screen.</p>	
	<p>2. Press "→" 5 times to enter the factory-default password and display the "MAIN MENU" screen.</p>	<pre>Use arrow keys to enter Password:*****</pre>
<p>TCP/IP Configuration</p> <ul style="list-style-type: none"> Enter IP address, subnet mask, and, optionally, gateway address. 	<p>1. From the "MAIN MENU" screen, press "↑" or "↓" to proceed to "TCP/IP Configuration."</p> <p>2. Press "→" to select "TCP/IP Configuration."</p>	<pre>MAIN MENU Use ↑/↓ TCP/IP Configuration →</pre>
	<p>3. Press "→" to select "Edit IP Address."</p>	<pre>IP CONFIG MENU Use ↑/↓ Edit IP Address →</pre>
	<p>4. Press "→" or "←" to position the underscore under the editable fields and press "↑" or "↓" to edit the values.</p> <p>5. Press "→" to enter next screen.</p>	<pre>Enter new IP address 0. 0. 0. 0</pre>
	<p>6. Either press "→" again to save your changes or "←" to abort changes.</p>	<pre>Press → to confirm IP address.</pre>
	<p>7. Press "↑" to proceed to "Edit Subnet Mask."</p>	<pre>IP CONFIG MENU Use ↑/↓ Edit IP Address →</pre>
	<p>8. Press "→" to select "Edit Subnet Mask."</p>	<pre>IP CONFIG MENU Use ↑/↓ Edit Subnet Mask →</pre>
	<p>9. Press "→" or "←" to position the underscore under the editable fields and press "↑" or "↓" to edit the values.</p> <p>10. Press "→" to enter next screen.</p>	<pre>Enter new Subnet Mask 255.255.255. 0 →</pre>

ACTION	STEPS	CORRESPONDING SCREEN DISPLAY
	11. Either press "→" again to save your changes or "←" to abort changes.	<pre>Press → to confirm Subnet Mask.</pre>
	12. Press "↑" to proceed to "Edit Gateway Address."	<pre>IP CONFIG MENU Use ↑/↓ Edit Subnet Mask →</pre>
	13. Press "→" to select "Edit Gateway Address."	<pre>IP CONFIG MENU Use ↑/↓ Edit Gateway Address →</pre>
	14. Press "→" or "←" to position the underscore under the editable fields and press "↑" or "↓" to edit the values. 15. Press "→" to enter next screen.	<pre>Enter new Gateway 0. 0. 0. 0 (none) →</pre>
	16. Either press "→" again to save your changes or "←" to abort changes.	<pre>Press → to confirm Gateway address.</pre>
	17. Reboot unit to apply address changes by simultaneously pressing "↓" and "→" and then pressing "↑."	

END OF QUICK GUIDE