

LEIGHTRONIX, INC.

Video Servers • Television Automation

NET-EC 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 NET-EC and switcher
- Configuring the NET-EC for Ethernet network access

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

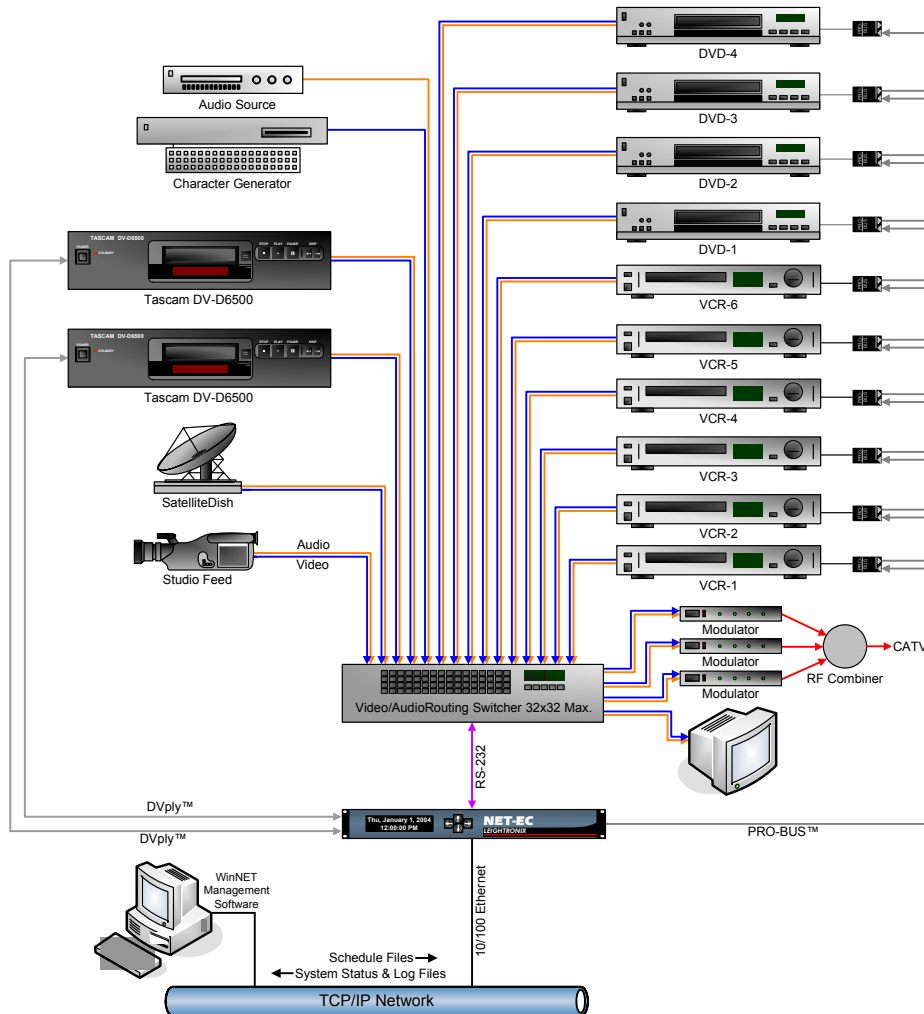
OVERVIEW OF NET-EC WIRING CONNECTIONS

The drawing below shows a sample connection scenario for the NET-EC. The NET-EC controls a video system through an external routing switcher (32 inputs by 32 outputs maximum). Video and audio sources (VCRs, DVD players, satellite or studio feeds, character generator, etc.) are connected to the external switcher inputs, while the switcher outputs are connected to the desired destination equipment (such as modulators). PC configuration and control is conducted through a 10/100 Base-T Ethernet connection.

NOTE: The NET-EC's serial port is used solely for external switcher control, and cannot be controlled by RS-232 communications.

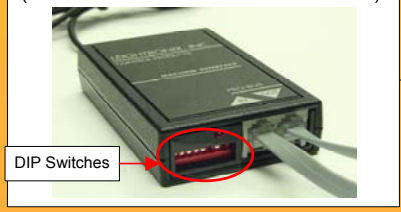
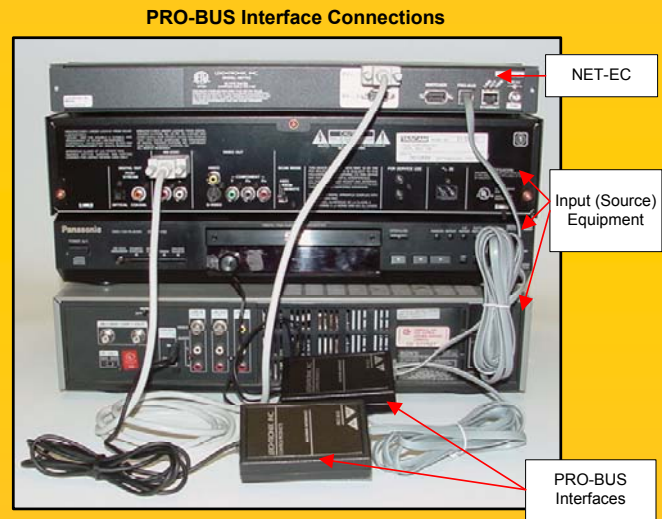
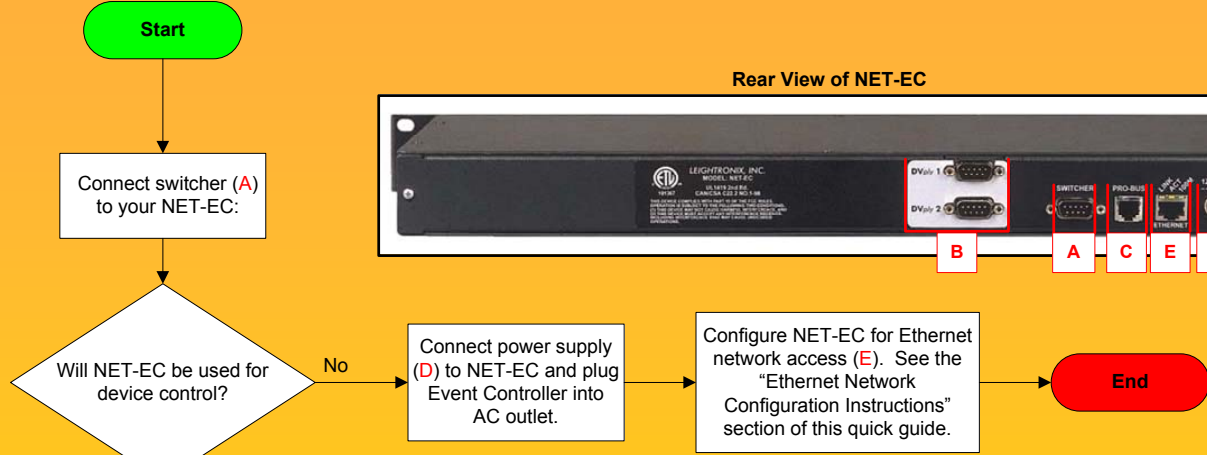
The NET-EC has two DVply connectors to control TASCAM® DV-D6500 DVD players, which allow cueing of DVDs by Title: Chapter. VCRs and DVD players are controlled through the use of LEIGHTRONIX PRO-BUS interfaces, sold separately for many brands and models of professional video equipment and available with 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 interface to the Event Controller.

Illustration 1, NET-EC Typical Playback System Diagram



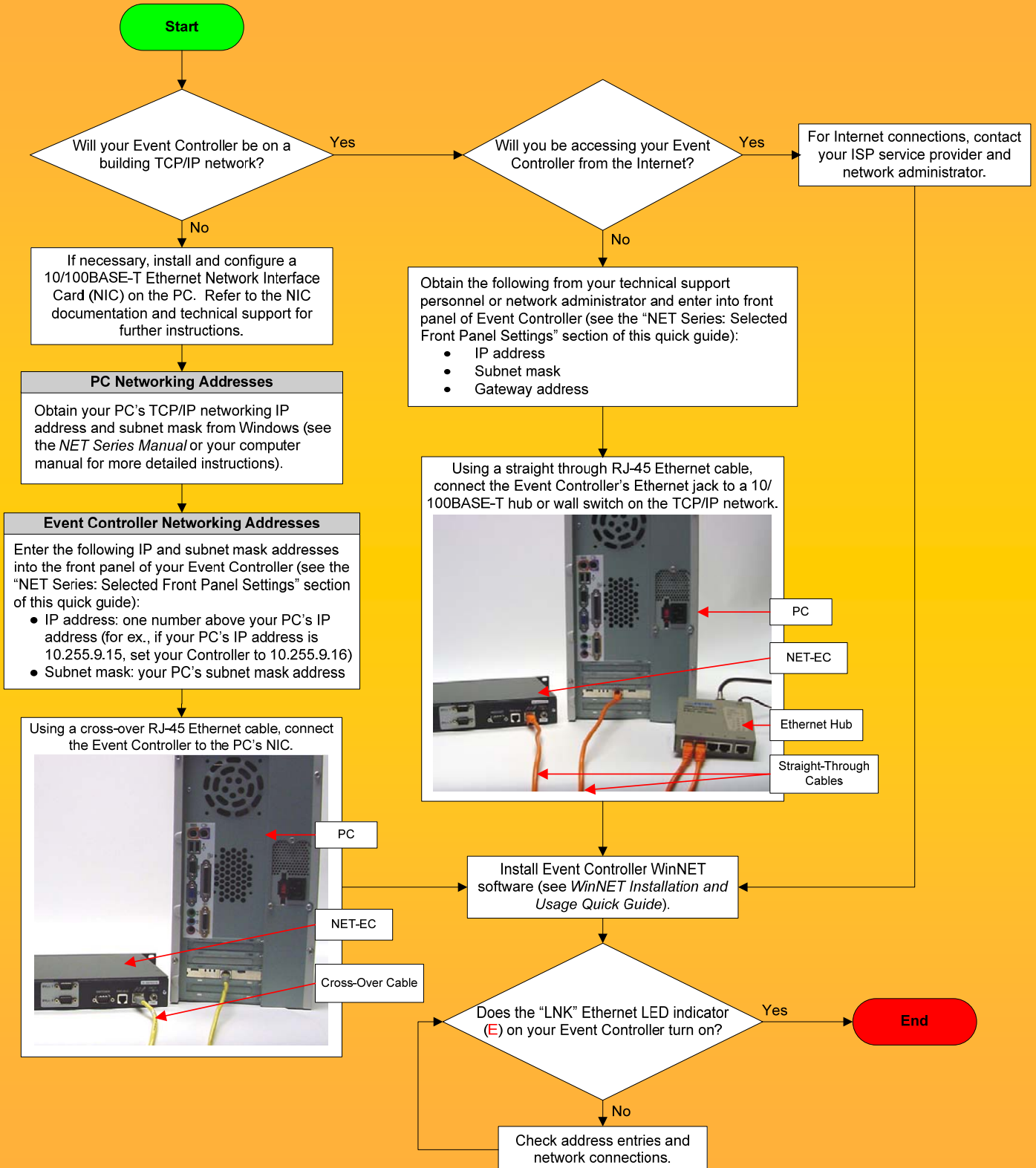
SIGNAL WIRING AND PRO-BUS INSTALLATION INSTRUCTIONS

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



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