



QuickInstall Instructions

PCI-FPKit

Use these instructions to install your new FPKit flat panel monitor on your computer and to set it up for use.

Unpacking

Your product was packed at the factory for maximum protection during shipment. If any shipping damage is noted upon receipt, report it to your shipper. When unpacking, the following items should be included:

- FPKit Flat Panel Monitor
- PCI-FPCard
- Remote Display cable ("SCSI" style) 6ft.
- A universal Serial Cable (Touch Screen equipped FPKit's)
- Optional Power Supply and Cable (in most installations power for the display is drawn from the PCI bus)
- PCI-FPKit Display Driver Diskettes
- TouchScreen Driver Diskette (for Win 3.11, Win95, WinNT, DOS, or OS/2), if Touch Screen equipped
- QuickInstall Instructions (this document)

Pre-Installation Checklist

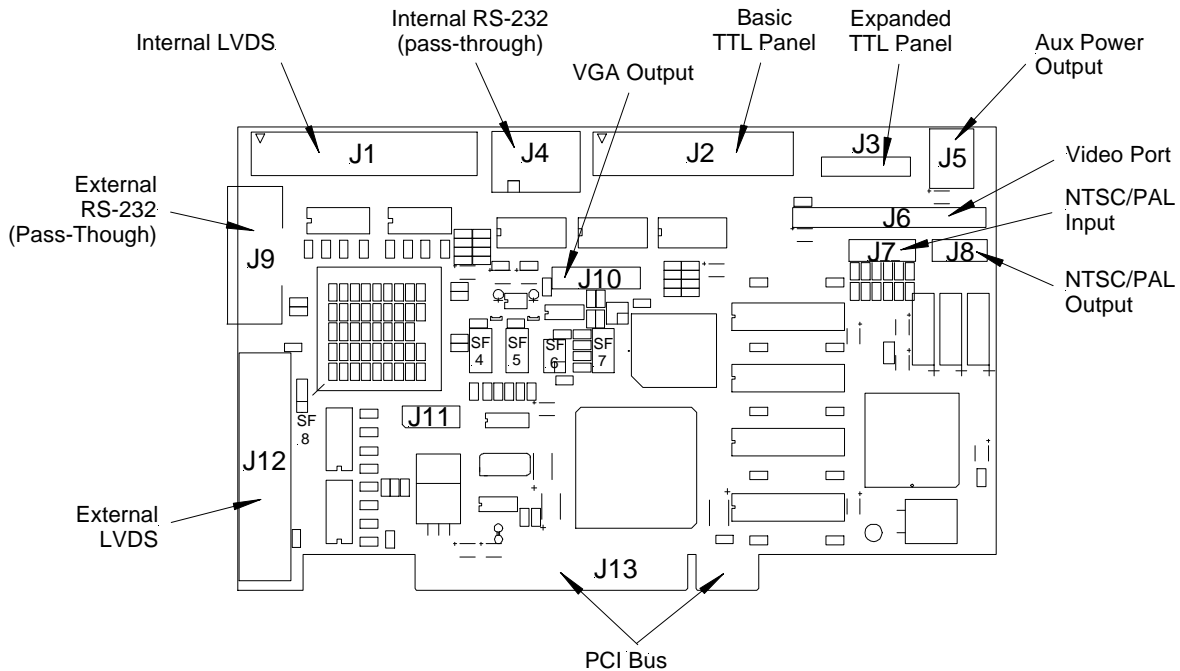
- Make sure your operating system is set to the standard VGA driver *before* changing video cards** (use default VGA driver if this is a new installation.)
- Make sure you have an open PCI slot in your computer and all other video cards are either removed or disabled.
- If required, make sure your power supply has proper voltage outputs and sufficient available power to operate panel.

Voltage	Req'd Power
+ 5 Vdc	15.5 Watts
+ 12 Vdc	30 Watts

Installation

Caution
Make sure to wear an anti-static wrist strap
when boards are being handled.

1. Set your operating system to the standard VGA Display driver (use default VGA driver if this is a new installation.)
2. Power off your computer and remove/disable your old video card.
3. Install the provided PCI-FPCard in an empty PCI slot.
4. Connect the provided Remote Display cable between J12 on the PCI-FPCard and J5 of the LVDS Term Board (located behind the flat panel display).
 NOTE: the FPKit uses a "SCSI" style cable but is NOT a SCSI device, damage to the FPKit or the computer may result from plugging the FPCard into a SCSI port.
5. If your system has a touchscreen, connect the universal serial cable (CDI P/N 2CABL-0A00-0690). Connect to either the external DB9 connector on the PCI-FPCard and a free serial port on your computer, or the internal 5x2 serial header on the PCI-FPCard and a serial header on your motherboard (refer to the computer manufacturers manual for the location of this port.)

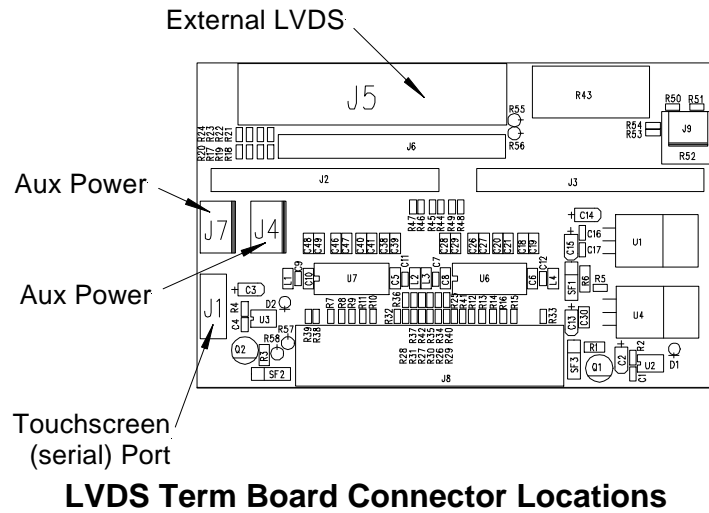


PCI FPCard Connector Locations

Location	Function
J1	LVDS interface ¹
J2	TTL panel interface ¹
J3	Extended video ¹
J4	Serial pass-thru port
J5	Aux power connector ¹

Location	Function
J7	NTSC IN ¹
J8	NTSC OUT ¹
J9	Serial pass-thru port
J10	CRT interface ¹
J12	External LVDS Interface

¹These are non-standard build items. **Do not use unless these options are ordered.** Misuse of these options can cause non-warranty damage.



6. If required, connect power to the LVDS Term board (located behind the flat panel display) at J4 or J7. Power supplies are required when the External LVDS cable is longer than ten feet or when a HiBrite Display unit is used.

NOTE: If your system is installed in an enclosure, refer to connector labeling on outside of enclosure.

Setup

1. Turn on your computer and make sure you have a video image on the screen.
2. If no image is seen, double-check all connections.

NOTE: The following sections are based on prompts in Windows NT™ version 4.0. Other popular operating systems are similar.

3. Place the Driver Installation disk into Drive A of your computer.
4. At Windows Desktop select: START | SETTINGS | CONTROL PANEL | DISPLAY
5. On Display Properties screen, select SETTINGS tab | DISPLAY TYPE
6. In Adapter Type dialog, click on CHANGE
7. On Change Display screen, click 'HAVE DISK'
8. Insert the 'Windows Video Install Disk' into Drive A:
9. In the 'Install From Disk' screen, enter "A:\video" to install from, then select OK
10. Select 'Chips Video Accelerator 65555', OK and YES on the Third Party Driver screen.
11. On 'Drivers were successfully installed' screen, select OK | CLOSE | CLOSE
12. Remove the Install Disk from Drive A:
13. Restart the Computer.
14. A screen will appear stating 'Default display resolution used', select OK
15. Go to display properties again, START | SETTINGS | CONTROL PANEL | DISPLAY
16. Select desired display settings on the 'Settings' tab, then select TEST
17. On 'The new mode will be tested' select OK
18. On 'Did you see the bitmap properly?' select OK if screen was readable.
19. Select APPLY on the Display Properties screen.

TouchScreen Setup

1. On touchscreen equipped FPKits's, drivers for DOS, OS/2, Windows 3.11, 95 or NT were included with your product.
2. Insert the TNDriver (Universal TouchScreen Driver) diskette in Drive A: of your computer.
3. At Windows Desktop select: START | RUN
4. Browse for "A:\Tnsetup.exe" | OPEN | OK
5. On '...select directory' screen, verify "C:\windows" | OK
6. On 'License Agreement' select AGREE to continue installation
7. Select the type of touchscreen installed on your PCI-FPKit. Highlight in the display list | OK
8. On 'Select Group' screen, verify "Touch" | OK | OK
9. 'Hardware Controls' screen will be displayed, select any unique settings for your system, or retain the defaults | OK | OK | OK
10. Remove the Install Disk from Drive A: and Restart the Computer.
11. Enter TouchScreen Calibration, at Windows Desktop select START | PROGRAMS | TOUCH | TOUCHSCREEN CONTROL
12. On 'Touch Screen Control' display, select CALIBRATION | touch the two X's when they appear | OK | EXIT

Congratulations!

You have completed setup of your FPKit and it is ready for use. You may repeat the setup procedures above whenever it is necessary to change the display characteristics for a different video mode or computer installation.

Technical Support

For further technical details you may visit our web-site at:

www.cdynamics.com/support/manuals

If you are experiencing problems with your FPKit, or if you require additional information for implementing your FPKit, please contact your Computer Dynamics Applications Engineer with the specifics. We are available by phone Monday through Friday, 8:00 am to 6:00 pm, Eastern Time, and by fax or email anytime.



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