NATIONAL INSTRUMENTS ®
The Software is the Instrument®

Installation Guide

VXIpc-EFD
Installation Guide

This installation guide contains instructions for installing and configuring the VXIpc-EFD external floppy drive for use with the VXIpc-486 Model 200 Series and Model 500 Series embedded computers.

Introduction

The VXIpc-EFD is a 3.5 inch, 1.44 MB floppy drive you can use to transfer files between the VXIpc-486 and other PC compatibles. The VXIpc-EFD is compatible with all VXIpc-486/1 models and with VXIpc-486/2 models that do not have an internal disk drive. It is also equally compatible with VXIpc-386 models.
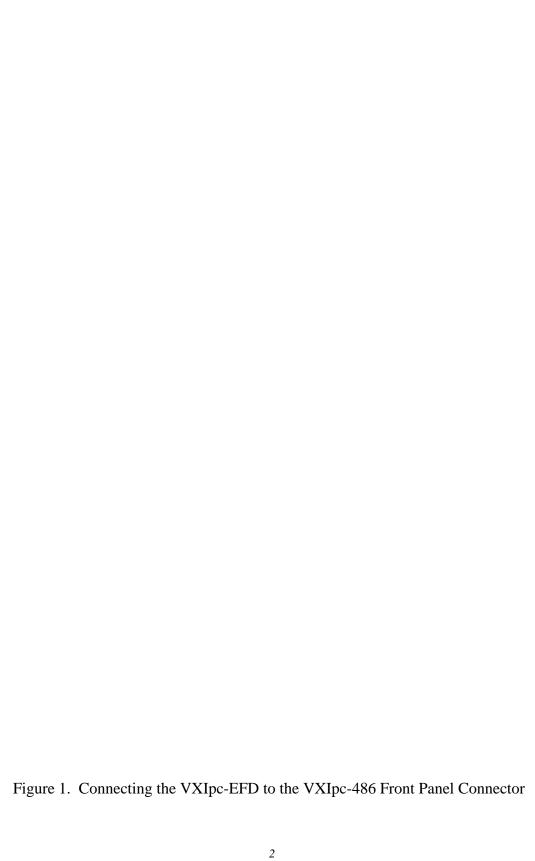
The VXIpc-EFD kit consists of an external floppy drive with an attached cable, part number 776404-01, and this document.

Connection

Connect the VXIpc-EFD to the VXIpc-486 as follows:

1. Power-down the VXIpc-486 module.

2. The VXIpc-EFD cable connects to the connector labeled DISK DRIVE on the front panel of the VXIpc-486 module as shown in Figure 1. Check that there are no bent pins on the VXIpc-EFD connector. Carefully straighten any bent pins with needle-nosed pliers.

3. Connect the cable to the connector and tighten the jackscrews until securely seated.

VXIpc™-486 is a trademark of National Instruments Corporation. Product and company names are trademarks or trade names of their respective companies.

Figure 1. Connecting the VXIpc-EFD to the VXIpc-486 Front Panel Connector

Configuration

Refer to Chapter 3, *BIOS Setup*, of your VXIpc-486 Getting Started manual for information about setting up the VXIpc-486 basic input/output system (BIOS). This chapter also contains all the default BIOS configuration parameters. You will use the BIOS utility Setup to configure the VXIpc-486 to use the VXIpc-EFD as follows:

1. Wait for the BIOS memory check to complete during the VXIpc-486 startup sequence, and press <Ctrl–Alt–S> simultaneously on the keyboard to enter the Setup menu.

2. Press <Enter> to select the Setup mode.

3. Use the Up/Down Arrow keys or <Tab> key to move the cursor to the **Diskette Drive 0** field.

4. Press <F5> once to change the selection to **1.44MB, 3 1/2**.

5. Press <F10> to save the configuration changes.

6. Press the <Esc> key twice to exit the menu.

7. The VXIpc-486 will restart. You can now use your VXIpc-EFD.

Removal

To remove the VXIpc-EFD first disconnect the cable and then change the configuration according to the following instructions:

1. Power-down the VXIpc-486.

2. Loosen the jackscrews on the VXIpc-EFD cable and carefully disconnect the cable from the DISK DRIVE connector.

3. Restart the VXIpc-486.

4. Wait for the BIOS memory check to complete during the VXIpc-486 startup sequence, and press <Ctrl–Alt–S> simultaneously on the keyboard to enter the Setup menu.

5. Press <Enter> to select the Setup mode.

6. Use the Up/Down Arrow keys or <Tab> key to move the cursor to the **Diskette Drive 0** field.

7. Press <F6> to change the selection to **Not Installed**.

8. Press <F10> to save the changes.

9. Press <Esc> twice to exit the menu and restart the VXIpc-486.