



English

TI-GRAPH LINK™

FOR WINDOWS®

FOR THE TI-85

CONDENSED GUIDEBOOK

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Getting Started with TI-GRAPH LINK for Windows

Use this document for a quick review of how to install and operate TI-GRAPH LINK for Windows for the TI-85.

System Requirements

The PC used to run the TI-GRAPH LINK software must meet the following hardware and software requirements.

- Microsoft Windows version 3.1 or later.
- MS-DOS® operating system version 3.1 or later (MS-DOS version 5.0 or later recommended).
- 486 PC or better with 8 MB available RAM.
- CD-ROM drive and one 3½-inch diskette drive.
- 256 color VGA.
- Hard disk with 1.5 MB available storage space.
- An available serial communication port configured as Com Port 1, Com Port 2, Com Port 3, or Com Port 4.

Windows Only (Black Cable)

- Same as above plus 486 PC or better with 8 MB available RAM (Windows 95/98); 16 MB available RAM (Windows NT).

Cable and Adapters

The instructional package includes the following cable and adapter:

- One gray TI-GRAPH LINK cable that connects to a TI-85 and IBM-compatible computer.
- One 25-pin to 9-pin adapter.

The retail package includes the following cables:

- One black TI-GRAPH LINK cable that connects to an IBM-compatible computer.
- One unit-to-unit cable.

**Connecting the
TI-GRAPH
LINK Cable**

To connect the gray TI-GRAPH LINK cable between your PC and a TI-85:

1. Connect one end of the cable to the PC serial port. If necessary, use the 25-pin to 9-pin adapter.
2. Connect the other end of the TI-GRAPH LINK cable to the port at the bottom of the TI-85 calculator.
3. Insert all connectors firmly.

To connect the black TI-GRAPH LINK cable between your PC and a TI-85:

1. Connect the cable with the 9-pin connector to the PC serial port you will use.
(If necessary, obtain a 9-pin to 25-pin adapter.)
2. Connect the other end of the black cable to one end of the unit-to-unit cable.
3. Connect the other end of the unit-to-unit cable to the port on the TI-85.
4. Insert all connectors firmly.

Installing the TI-GRAPH LINK Software

Make a copy of the original disk and use the copy to load the software.

1. Start Microsoft Windows.
2. Insert the CD-ROM in your CD-ROM drive and follow the displayed instructions about installing the software.
 - Win 3.1x users need to run the TICD31 program from the TI Resource CD.
 - For 3½-inch diskette installations, proceed to step 3.
3. Insert the TI-GRAPH LINK for Windows diskette in drive A.
4. From Program Manager, open the **File** menu and select **Run**.
5. Type **a:\Ti85usa.exe**. Press **Enter** and follow the instructions that appear on your display.
6. After installing the TI-GRAPH LINK software, open the Windows Control Panel and select Fonts. Open the TrueType window and ensure that TrueType fonts are enabled.

Starting TI-GRAPH LINK and Testing the Connection

On the PC, open the TI-GRAPH LINK group and double-click on the TI-85 program icon to start the application.

To test the cable connection between the PC and the calculator:

1. Turn on the calculator. Display the **MODE** screen on the TI-85 by pressing **[2nd][MODE]**.
2. On the PC, open the **Link** menu and select the serial communications port (COM1, COM2, COM3, COM4) to which the cable from the TI-85 is connected.
3. Open the **Link** menu to select the cable type: select **Windows/Macintosh** (Gray Cable) or **Windows Only** (Black Cable).
4. Open the **Link** menu and select **Get LCD from TI-85 to Clipboard**. The **Receive** window is displayed.
5. Click on **Receive**. The contents of the TI-85 display appear in the **LCD Save** window.
6. Click on **OK** to close the **LCD Save** window.

Troubleshooting

If error appears when you click on **Receive**, there is a communication problem between the TI-85 and the PC.

- Make sure that all cables are firmly connected.
- Make sure that the plug connected to the TI-85 is pushed in all the way.
- Make sure you have selected the correct serial port (COM1, COM2, COM3, or COM4). Open the **Link** menu to check your current setting.
- Make sure the correct cable type is selected in the **Link** menu.

**Menu Bar
Options**

Menu Item	Action
File	Accesses the standard file operations and specialist TI-GRAPH LINK utility functions.
Edit	Accesses the standard PC edit functions.
Insert	Accesses the TI-85 command names.
Link	Allows you to send and receive data between the PC and a TI-85, capture the TI-85 display, and set the COM Port for communicating with a TI-85.
Window	Allows you to display the Pick List or TI-85 display keyboard. Accesses open Edit Windows.
Help	Accesses online help information.

Sending Files

To send files from the PC to a TI-85:

1. On the TI-85, press **2nd** [LINK], and then select **RECV** for the TI-85.

The TI-85 displays the message “Waiting. . .”

2. On the PC, open the **Link** menu, and then the **Send** window. Select the files you want to send to the TI-85, then click on **OK** to transmit the files.

Receiving Files

To receive files on the PC from a TI-85:

1. On the PC, open the **Link** menu, select **Receive**, and choose **Group** or **Individual Files**.
2. On the TI-85, press **2nd** [LINK], select **SEND** and select the files you want to transfer. Then press **XMIT** on the TI-85.
3. On the PC, press **Save** to save the transferred files.

Opening and Printing Files

To open and print TI-85 files on the PC:

1. On the PC, open the **File** menu and select **Open**. Highlight the file you want to open and click on **OK**. The file should now be open in the **Edit** window.
2. To print the open file, open the **File** menu and select **Print**. Then click on **OK** to print the file.
3. To copy the contents of the file to the Windows Clipboard, highlight the items you want to copy, open the **Edit** menu, and select **Copy**.
4. You can now paste the contents of the Windows Clipboard to an open **Edit** window, or to another Windows application, using the **Edit, Paste** menu items.

Exiting the Program

You can exit the TI-GRAPH LINK application by opening the **File** menu and selecting **Exit**.

TI Product Service and Warranty Information

TI Product and Services Information

For more information about TI products and services, contact TI by e-mail or visit the TI calculator home page on the world-wide web.

e-mail address: **ti-cares@ti.com**

internet address: **<http://www.ti.com/calc>**

Service and Warranty Information

For information about the length and terms of the warranty or about product service, refer to the warranty statement enclosed with this product or contact your local Texas Instruments retailer/distributor.