

Upgrading the Operating System

You can upgrade the OS on your TI-Nspire™ handheld using your computer and TI-Nspire™ Computer Link Software. You can also transfer the OS from one unit to another. This document includes instructions for both methods.

[Upgrading the OS from the PC](#)

[Transferring the OS from another handheld unit](#)

Important Operating System download information

Batteries. It is always a good practice to install new batteries before beginning an OS download.

When in OS download mode, the Automatic Power Down™ (APD) feature does not function. If you leave your handheld in download mode for an extended time before you begin the downloading process, your batteries may become depleted. You will then need to replace the batteries with new batteries before downloading.

Documents. OS upgrade operations do not delete user documents. The only time documents can be affected by an OS installation is if the receiving handheld has a corrupted OS. In this situation, documents may be affected by OS restoration. It is a good practice to back up your important documents and folders before installing an updated operating system.

It is important to save and close all open documents before performing an OS Upgrade. Continuing with an OS Upgrade on a unit with an open, unsaved document will cause the loss of that data.

TI-84 Keypad users. Updating the operating system on a TI-Nspire™ handheld erases all Apps, data, and settings used with the TI-84 Plus Keypad for TI-Nspire™. Before installing an OS upgrade, you should use TI Connect to back up all TI-84 applications and files to a computer. (TI Connect™ is free at education.ti.com.) After updating the OS, you can use TI Connect™ again to restore TI-84 files and Apps that you added.

Upgrading the OS from the PC

If you do not have TI-Nspire™ Computer Link Software installed on your PC, you can download it at the Downloads page on www.ti-nspire.com. With the TI-Nspire™ Computer Link Software, you can update from the Web or from an OS file on your computer.

Opening the TI-Nspire™ Computer Link Software on your computer

1. Connect a TI-Nspire™ handheld to an available USB port on the computer.
2. Click **Start > Programs > TI Tools > TI-Nspire > TI-Nspire Computer Link Software**.

The TI-Nspire™ Computer Link Software opens.

Updating from the Web

1. On the handheld, close all open documents. The update process cannot begin unless all handheld documents are closed.
2. In TI-Nspire™ Computer Link Software, click **Tools > Check for Web Updates**.

The software checks for a newer version of your handheld operating system. If a newer version is found, you are prompted to update or cancel.

3. If you want to choose a folder for storing a copy of the OS file, click **Browse**, and navigate to the folder.
4. Click **Update**, and then click to indicate that you accept the terms of the license agreement.

The update begins. Progress messages are displayed during the update process.

Note: If the connection between the desktop and the handheld is interrupted before the update has completed, TI-Nspire™ Computer Link Software displays an error message.

Updating from a file on your computer

1. On the handheld, close all open documents. The update process cannot begin unless all handheld documents are closed.
2. In TI-Nspire™ Computer Link Software, click **Tools > Install OS**.
3. Browse to the computer folder containing the OS file, and double-click the file.

TI-Nspire™ Computer Link Software requests confirmation that you want to update the OS.

4. Click **Yes**.

The update begins. Progress messages are displayed during the update process.

Note: If the connection between the desktop and the handheld is interrupted before the update has completed, TI-Nspire™ Computer Link Software displays an error message.

Transferring the OS from another handheld unit

To transfer the OS from unit to unit:

1. Connect the two units. (For details, see the connection instructions at the beginning of this chapter.) Any open documents on the receiving unit should be closed before the transfer begins.

2. On the sending unit, open My Documents.

Press  .

3. From the menu, select **Send OS**.

Press  .

4. On the receiving unit, the message, "You are receiving an OS Upgrade. Unsaved changes will be lost. Would you like to continue?" displays along with Yes and No response buttons. Select **Yes** to receive the OS upgrade.

Note: If Yes is not selected within 30 seconds, the unit automatically responds with No, and the transmission is cancelled.

5. While the upgrade is in progress, the receiving unit displays, "Receiving OS. Do not unplug cable." The sending unit displays, "Sending OS. Do not unplug cable."
6. After the transfer completes, the sending unit receives a completion message and you can unhook the cable. On the receiving unit, the OS must be installed. This happens automatically. During the installation process, the receiving unit displays the message, "Installing OS <version number>."
7. When the installation completes, the unit displays the following message, "OS <version number> has been installed. Handheld will now restart." The restart is initiated. If the sending unit is still attached to the cable, the successful transmission message remains displayed on that unit's screen.

Important:

- For each receiving unit, remember to back up information, as necessary, and install new batteries.
- Be sure the sending unit is on the **Send OS** screen.

OS Upgrade Messages

This section lists the information and error messages that can be displayed on units during an OS Upgrade.

| Shown on: | Message and Description |
|-----------|-------------------------|
|-----------|-------------------------|

Sending unit

"Receiver does not have enough storage space. Make <xxxK> available."

This message displays when the receiving unit does not have enough memory available for the new OS. The space requirement is shown so you know how much memory must be cleared for the new operating system. Files can be moved to a computer for storage to free the necessary space.

Sending unit

"Receiver must change batteries before upgrading the OS."

This message displays when the batteries in the receiving unit need to be replaced. Send the OS Upgrade once the batteries are replaced.

Sending unit

"Receiver has a newer OS and cannot load this OS."

OK

This message displays when the receiving unit has a newer OS version than the one being transmitted. You cannot downgrade an OS.

Shown on: **Message and Description**

Sending unit

"Upgrade not accepted by
receiver."

OK

This message displays when the receiving unit refuses the upgrade.

Sending unit

"OS has been transferred.
You can now unplug."

OK

This message displays when the transfer is completed and it is safe for the sending unit to unplug the cable.

Sending unit

"Sending OS. Do not
unplug cable."

This message, along with a progress bar, displays while the OS Upgrade is being transferred.

Both units

"Transfer failed. Check cable
and try again."

OK

The sending and/or receiving unit is not properly connected. Reinsert the cable into each handheld, then try the transmission again.

Shown on: **Message and Description**

Receiving unit

"You are receiving an OS Upgrade. Unsaved changes will be lost. Would you like to continue?"

Yes No

This message displays when an OS Upgrade is about to begin. If you do not select Yes within 30 seconds, the system automatically responds with No.

Receiving unit

"Receiving OS. Do not unplug cable."

This message, along with a progress bar, displays while the OS Upgrade is being transferred.

Receiving unit

"Installing OS."

This message displays once the transfer is completed. It is shown to keep you informed of the unit's status.

Receiving unit

"OS has been installed.
Handheld will restart."

OK

This information message displays briefly before the unit automatically reboots.

Shown on:**Message and Description**

Receiving unit

"Install was corrupted.
Handheld will reboot. You
will need to retry OS
upgrade."

OK

An error occurred during the transmission, and the installation was corrupted. The unit will reboot. After the reboot, reinstall the OS Upgrade.
