

# *OS Update Application*

*(for Windows and Mac)*

*for fx-CG100*  
**GRAPH MATH+**  
**fx-1AU GRAPH**

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## **User's Guide**

CASIO Worldwide Education Website

<https://edu.casio.com>

Manuals are available in multi languages at

<https://world.casio.com/manual/calc/>

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# Introduction

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The OS Update application updates the operating system of CASIO Graphic Scientific Calculator.

## System Requirements

The minimum computer system requirements for running the OS Update application are shown below. Check to make sure that your computer complies with these requirements before installing the application on it.

### Windows

Operating Systems:	Refer to the website at the URL below: <a href="https://s.casio.jp/c/11297en/">https://s.casio.jp/c/11297en/</a>
Computer:	Computer with one of the Windows operating systems pre-installed (Excluding computers with an upgraded operating system and self-built computers.)
Account Type:	Administrator
Disk Space:	100 MB for installation and uninstall.
Other:	USB port for direct connection (connection via a USB hub is not supported) Video adapter and display must support resolution of XGA (1024×768) or higher, 16-bit or higher system color.

### macOS

Operating Systems:	Refer to the website at the URL below: <a href="https://s.casio.jp/c/11303en/">https://s.casio.jp/c/11303en/</a>
Disk Space:	100 MB for installation and uninstall.
Other:	USB port for direct connection (connection via a USB hub is not supported) Video adapter and display must support resolution of XGA (1024×768) or higher.

#### Note

- Actual requirements and product functionality may vary based on your system configuration and operating system.

## To Check the Operating System Version of Your Calculator

1. On the calculator, press  and then select [System].
2. On the System Manager menu that appears, select [Version].

# Updating the Calculator Operating System

## Important!

- Updating deletes all data in the calculator's Main Memory. If you need the data, make sure you back it up before updating. Use the Memory app backup function to backup data.
- If you have multiple calculators to update, do so one at a time. Be sure to connect only one calculator to the computer at a time. Connecting multiple calculators to your computer and executing the OS update operation creates the risk of data being deleted and damage to the calculators.
- Make sure there is no other CASIO device besides the calculator whose OS you are about to update connected to the computer. If there is, disconnect the other device.
- Do not perform any of the following operations while OS Update is running.
  - Connecting a USB device to the computer
  - Turning a connected USB device on or off
  - Starting up another application on the computer
  - Inserting a memory card into the computer or removing a memory card from the computer

## Note

- The explanations below cover both Windows and macOS. All of the screen shots are from Windows 11, but operational procedures are virtually identical for both Windows and macOS.

## To Update the Calculator Operating System

1. If a calculator is already connected to the computer, disconnect it.

### Important!

- Do not connect the calculator to your computer until specifically instructed on screen to do so (see step 4 below).

2. Close all applications running on the computer, if any.
3. Start up the OS Update application.

#### Windows:

On your computer, double-click the OS Update application EXE file.

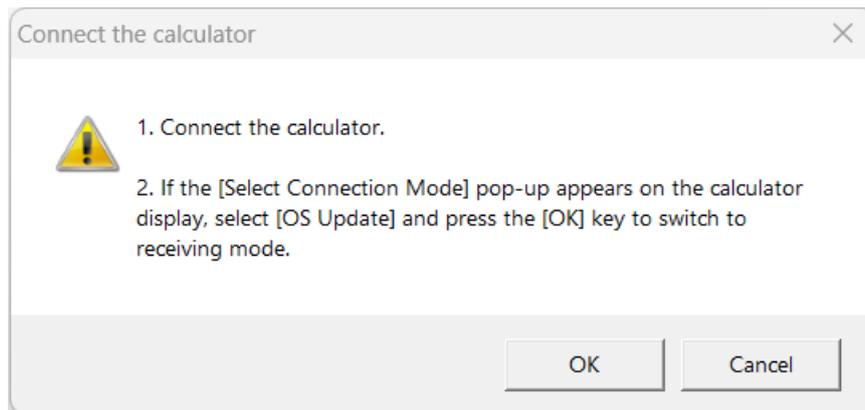
#### macOS:

(1) On your computer, double-click the OS Update application pkg file.

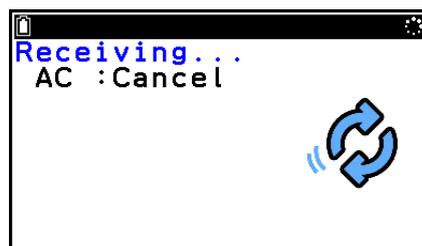
This installs the OS Update application on your computer.

(2) Double-click the OS Update application file.

4. Perform operations as instructed by the text that appears on the screen.
  - When the “Connect the calculator” screen below appears, proceed to step 5 without clicking the [OK] button.



5. Perform the following operations on the calculator for which you want to update the OS.
  - (1) Turn off the calculator.
  - (2) Use a USB cable\* to connect the calculator to your computer.
    - This displays the “Select Connection Mode” dialog on the calculator.
    - \* Use of a genuine CASIO USB cable is recommended. If you plan to use a commercially available USB cable, be sure to use a cable that can transfer data.
  - (3) Highlight [OS Update] and then press **OK**.
    - This displays the “Receiving...” message on the calculator.



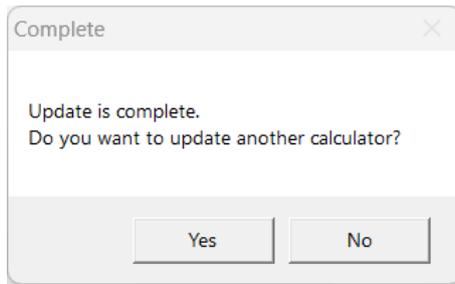
6. On the computer, click the [OK] button on the “Connect the calculator” screen.
  - This displays the “Are you sure?” warning message on the computer.
7. Click the [OK] button to start the update of the calculator.
  - On the computer, a progress bar will show the progress of the update.
  - During the update, the calculator displays the “Updating...” message.



**Important!**

- Do not unplug the cable while updating is in progress.  
If the cable becomes unplugged during updating, the calculator automatically restarts and the message “OS ERROR Please update OS.” appears on the calculator display. If this happens, see “What to Do If the Update Failed” for information about what you need to do.

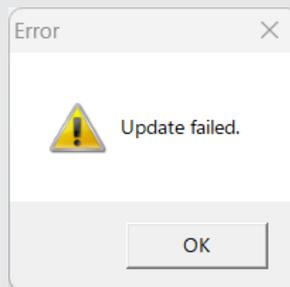
- When the update is complete, the dialog shown below will appear on the computer.



- At this time, the calculator will automatically restart.
  - After the calculator starts up, configure all the settings that appear sequentially on the screen. For more information, see step 4 onwards under “Before Using the Calculator for the First Time” in the calculator’s Hardware User’s Guide.
8. Disconnect the USB cable from the calculator.
  9. If you plan to update another calculator, click [Yes].
    - Perform operations as instructed by the text that appears on the screen.
  10. To exit the OS update operation, click [No].
  11. **Windows only:** On the dialog that appears, click [Finish].

**Important!**

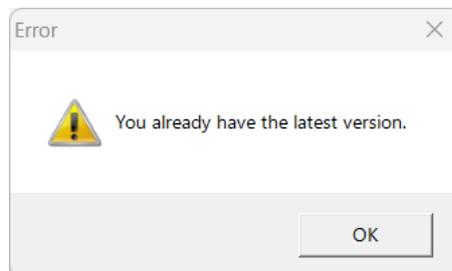
- The following message will appear if an error occurs during updating.



If the update fails and the calculator freezes with “Receiving...” on the display, press the RESTART button on the back of the calculator. This should cause the message “OS ERROR Please update OS.” to appear on the calculator display. If this happens, see [“What to Do If the Update Failed”](#) for information about what you need to do.

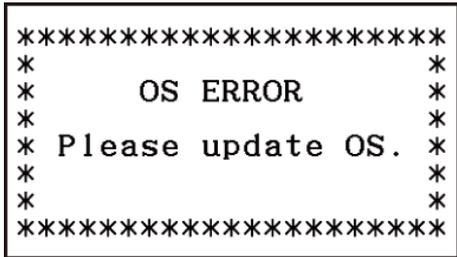
**Note**

- The message below will appear if you try to update a calculator that is already updated.



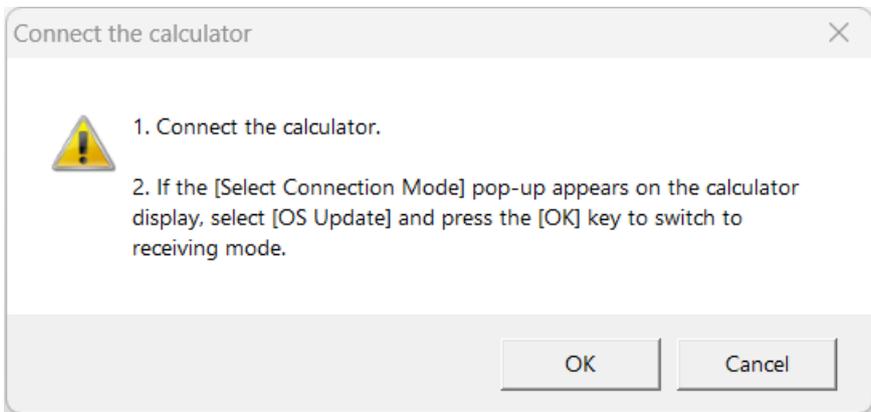
## What to Do If the Update Failed

The message below will appear if the calculator's system memory becomes corrupted.



Leave the message on the display and perform the procedure below.

1. Use the USB cable to connect the calculator to your computer.
2. Perform steps 2 and 3 under ["To Update the Calculator Operating System"](#).
  - If you are using a Mac, you can skip step 3-(1).
3. Perform operations as instructed by the text that appears on the screen.
  - When the "Connect the calculator" screen below appears, click [OK].
  - Calculator operation is not required.



4. Perform operations as instructed by the text that appears on the screen.

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