Projector
Firmware Update Guide

- Be sure to keep all user documentation handy for future reference.
- To obtain the latest version of this manual visit the website at the URL below.
  http://world.casio.com/manual/projector/

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CASIO®

Introduction

This manual explains how to update your CASIO projector with the latest version of firmware (software stored in flash ROM).

To check if updates newer than your firmware have been published

1. **Go to the website at the location below to check if any firmware updates have been released for your projector.**
   http://www.casio-intl.com/support/download/
   ● If you find an update has been released, make a note of its firmware version number.

2. **While the projector you are using is projecting, press the [MENU] key to display the Setup Menu.**

3. **Use the [▲] and [▼] keys to select the "Operational Info" menu. On the window that appears, note the number shown for "Version".**
   ● If the number of the updated version you made a note of in step 1 is greater than your projector's current version number, you can update the firmware if you want.

To get ready for firmware update

You will need to prepare the items listed below in order to update your projector's firmware.

● A computer that satisfies the requirements described under "Minimum System Requirements" below.
● USB Cable
  Prepare a cable with connectors that match the ports on the projector and your computer.
● USB DRIVER for CASIO Projector (Driver required for the projector-computer USB connection)
● CASIO Projector Flash Loader (Special software for transferring the firmware update data from the computer to the projector)
● Firmware data (.cpr) for your projector

Visit the website below to download USB DRIVER for CASIO Projector and firmware data to your computer.
http://www.casio-intl.com/support/download/

Minimum System Requirements

Operating Systems : Microsoft® Windows® 8; Windows® 7 SP1; Windows Vista® SP2;
                    Windows® XP SP3 (32bit)

Computer   : IBM PC/AT or compatible that conforms to the requirements below.
   ● Microsoft® Windows® 8; Windows® 7; Windows Vista®; or Windows® XP pre-installed
   ● **CPU** : Pentium® M 1.6GHz or higher, or CPU recommended for operating system being used
   ● **Memory** : Amount of memory recommended for operating system being used
   ● **Display** : Full-color display with resolution of at least 1024 × 768, which is supported by above operating systems and the computer being used.
   ● **Input device** : Keyboard or other pointing device (mouse or equivalent device supported by above operating systems)

Updating Projector Firmware

To install the USB driver

Important!

Perform the procedure below before connecting your computer to the projector with the USB cable. If you connect first, your computer will not recognize the projector. If this happens, disconnect the USB cable and then perform the procedure below.

1. **Visit the CASIO website (page 2) and download USB DRIVER for CASIO Projector to your computer.**

2. **Double-click the file (PjUsbDriverSetup_EN.exe) you downloaded.**
   - Follow the instructions that appear on your computer screen.
   - Windows 7 and Windows 8: When the "User Account Control" message appears, click [Yes].
   - Windows Vista: When the "User Account Control" message appears, click [Allow].
   - Windows XP: When the dialog box shown below appears, click [Continue Anyway].
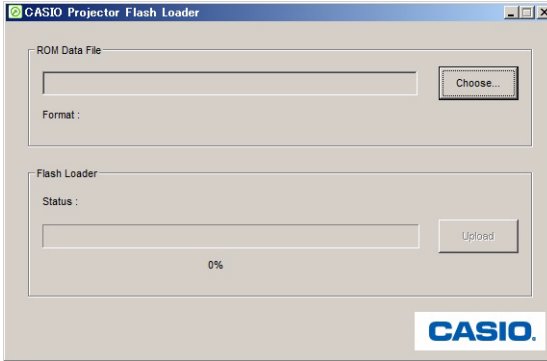

To update projector firmware

1. **On the computer you plan to use for the firmware update, visit the CASIO website (page 2), and download CASIO Projector Flash Loader and the required firmware data (both as zip format files).**
   - After file download is complete, unzip the files and then place the unzipped files into the same folder on your computer.

2. **Unplug the projector power cord from the power outlet.**

3. **Connect the projector to the computer.**
   - Connect the projector's firmware update USB port or ROM update port to a USB port on your computer. See your projector's User's Guide for detailed information about where ports are located.

4. **Plug the projector power cord back in and turn on the projector.**
   - This will cause the projector's POWER indicator to flash amber (lit one second, unlit one second).

5. **On your computer, exit all other applications that are running.**

6. **Double-click the CASIO Projector Flash Loader file (PjFlashLoader_EN.exe) you downloaded in step 1.**
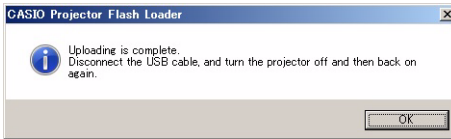- This will display the CASIO Projector Flash Loader window.

7. **Click the [Choose] button.**

8. **On the "Open File" dialog box that appears, select the applicable firmware data (.cpr) and then click [Open].**
- This will return to the CASIO Projector Flash Loader window.

9. **Click the [Upload] button.**
- This will start transfer of firmware data to the projector. The projector's POWER indicator will go out to indicate that data transfer is in progress. The CASIO Projector Flash Loader window on the computer screen will show a progress bar that indicates the progress of the transfer.
- The dialog box shown below will appear and the projector's POWER indicator will flash amber when transfer is complete.

Important!
Do not turn off the projector or computer, and do not disconnect the USB cable connecting the projector and computer while data transfer is in progress.

10. **Click the [OK] button to close the dialog box.**

11. **Exit CASIO Projector Flash Loader by clicking the close (✕) button in the upper right corner of its window.**

12. **Disconnect the USB cable connecting the projector to the computer, and then unplug the projector power cord from the power outlet.**

CASIO Projector Flash Loader Error Messages

Error Message	Possible Cause and Required Action
There is a problem with the file format. ID-01	There may be something wrong with the firmware data. Download the firmware update for your projector again and then perform the procedure under "To update projector firmware" again.
A connection could not be established with the projector. Check the USB cable connection, turn the projector off and then back on, and then try again. ID-02	Could not connect with the projector. Check the points below. ● Is the USB driver installed on the computer? See "To install the USB driver". ● Is the USB cable connected correctly to the computer and the projector? ● Is the projector turned on?
This is not a new ROM version. ID-03	The version of the firmware you are trying to install is lower (earlier) or the same as the projector's current firmware. You can only install firmware whose version is higher (later) than the projector's current firmware.
This ROM data is for a different model. ID-04	You are attempting to install a firmware for a different projector model. Check to make sure that the firmware data you are trying to install is correct.