

## Firmware update of the projector

The update file may be published on our website to add functions or fix defects. The following is how to update the projector firmware by yourself.

### **⚠ CAUTION**

▶ Follow the procedure for updating the firmware. Follow the instructions. When the instructions are not followed, the projector may not start up correctly. Update the firmware at your own responsibility.

- Never turn off the projector during the update. When the projector is unexpectedly turned off, disconnect the power cord and allow the projector to cool down sufficiently. After the projector has sufficiently cooled down, turn on the projector again and start the firmware update again from the beginning.
- Never remove the USB storage device while using it for the update.
- When updating the firmware by using the Web Control screen, make sure that the network is not disconnected during the update. Wireless LAN is more likely to be disconnected than wired LAN. Wired connection is recommended.
- Updating cannot be cancelled after starting it.
- Firmware cannot be back to the old version.
- The network function of the projector cannot be used during the update.
- HTTP is used for uploading the update file. Confirm with a network administrator that there is no restriction of the file uploading.

The network function does not work properly after the update

1. Connect the power cord and turn on the projector, after pulling out the power cord and leaving the projector for more than one minute.
2. Confirm the network setting of the projector after waiting more than two minutes. Some of the settings may return to the default after the firmware update.
3. When the projector does not work properly and there is no problem in the network settings, please contact your dealer.

# 1 Preparation

It is necessary to get an update file from our website.

The applicable update file can be selected from "Firmware Version" and "Model Name" of the projector on our website.

Confirm "Model Name" and "Firmware Version", and download the update file.

## 1.1 Confirming the "Model Name" and "Firmware Version"

1. There are two confirmation methods.

- Select OPTION - SERVICE - FIRMWARE UPDATE in ADVANCED MENU of the projector.

(The following is an example.)

Model Name	MP-XXXX
Firmware Version	PRJ_MP-XXXX_V0100

- Select Firmware Update from Main Menu in the Projector Web Control.

(The following is an example.)

Model Name	MP-XXXX
Firmware Version	PRJ_MP-XXXX_V0100

2. Take a note of the content of "Model Name" and "Firmware Version".

## 1.2 Downloading the update file

Use a computer that can be connected to the Internet, and download the update file from our website. For more information, please check our website.

**NOTE** • Do not change the name of an update file. The update may not be performed correctly.

When the same update files are downloaded, subscripts may be added.

Make sure to use the file without subscripts.

(good example) PRJ\_MP-XXXX\_V0100

(bad example) PRJ\_MP-XXXX\_V0100(1)

## 2 Update

There are two ways of update: "update using a USB storage device" and "update using the Web Control via network connection".

Each method is as follows.

### 2.1 Update by using the USB storage device

#### ○ Necessary equipment


USB storage device

- USB2.0 compliant
- Memory capacity 32GB or less (100MB or more space is required)
- FAT16 and FAT32 format are supported.

#### ○ Update procedure

1. Make a folder in a USB storage device to save an update file.

Create a "PRJ" folder using single-byte uppercase letters in the root directory of a USB storage device.

[USB storage device] ----   
PRJ

#### **⚠ CAUTION**

► Make sure to save the update file as follows. If the update file is not saved correctly, the projector cannot recognize it.

- Create "PRJ" folder in the root directory of a USB storage device.
- Name a folder using single-byte uppercase letters.
- Save only one update file of the model you want to update in "PRJ" folder. If plural files are saved in this folder, the projector may not recognize the update file correctly.

2. Save the downloaded file in "PRJ" folder made in step 1.

3. Turn on the projector and the light source.

4. Insert the USB storage device to the projector after waiting at least two minutes.

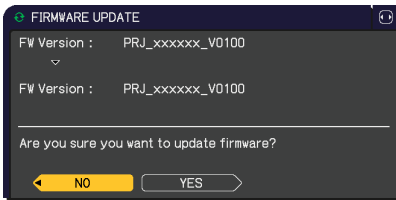
Do not connect two or more USB storage devices.

5. Select OPTION - SERVICE - FIRMWARE UPDATE in ADVANCED MENU of the projector.

File saved in the "PRJ" folder in the USB storage device is displayed. Make sure that the file name is correct.

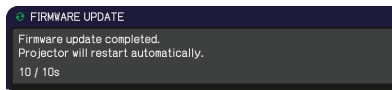
When the file name is not displayed, confirm step 1.

6. When you perform the update, select “YES”.



7. The update is completed in about a few minutes, and the projector restarts automatically.

The following message is displayed after firmware update has completed normally.



The projector will automatically turn off the light source to reflect the updated firmware in the operation. After the light source is turned off for a short time, the light source is automatically turned on again.

After the light source is turned on, confirm the firmware version in OPTION - SERVICE - FIRMWARE UPDATE in ADVANCED menu.

## 2.2 Update by Web Control via the network connection

### ○ Necessary equipment

Computer that can be connected to a wired or wireless network by Web Control

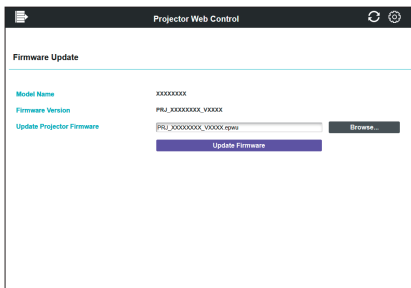
- Use a browser which operation has been confirmed.

For more information, please check our website.

- Prepare a LAN cable or a router necessary for connection.

### ○ Update procedure

1. Copy the downloaded update file to the computer that can connect to the Web Control.
2. Turn on the projector.
3. Select Firmware Update from Main Menu after connecting to Web Control.  
Select the update file saved in Computer by using the **[Browse...]** button.  
When an appropriate file is selected, the **[Update Firmware]** button gets ready to be clicked.
4. Click the **[Update Firmware]** button to update.



5. The update is completed in about a few or several minutes (it depends on file transfer speed), and the projector restarts automatically.  
Confirm the firmware version in the Projector Web Control - Main Menu - Firmware Update after the restart has been completed.

**NOTE** • Do not operate the browser during the firmware update.

- The update may not be performed correctly if the device you are using goes to sleep mode during the firmware update.
- The projector cannot be controlled or its settings cannot be changed from the web screen during the firmware update.
- The firmware can also be updated by using a USB storage device. The update by Web Control cannot be performed during the update by using a USB storage device.
- The firmware update cannot be executed when STANDBY MODE in the SETUP menu is set to NETWORK(WOL) and the projector is in standby mode (light source is not turned on).  
Set STANDBY MODE to NORMAL or QUICK START, or turn on the power and make sure the light source is on to execute the update.
- The firmware update cannot be executed when the shutter function of the projector is on. Please execute the firmware update with the shutter function off.