Upgrading the H Series Firmware

Firmware is a type of software that provides control, monitoring and data management for the projector. When a new version of firmware is released, upgrade the projector to ensure proper operation.

Parts required for upgrading

Make sure the following parts are available prior to the upgrade.

- Computer with Windows 32 bits
- RJ45 cabel (CAT-5e)
- Wizard OPFU AP

Setting Windows before upgrading

Configure the following Window settings to ensure the upgrade runs successfully.

1. Disable the Windows firewall.
2. Set the HDD sleep timer for more than two hours.
3. Set the program to run as administrator.

Upgrading Procedure

Install the new firmware to upgrade the projector.

1. Select one of the two modes for upgrading the firmware.
   - Normal mode—select **Run as admin** and **Close firewall**.
   - Restore mode—select **Run as admin**, **Close firewall**, and **Restore**.

   Restore mode follows the last setting and skips to the upgrading in process page.
2. Connect the projector to the computer.
3. Type the projector's IP address and continue to select **Next**.
4. Confirm the projector model and continue to select **Next**.

5. Manually select the projector model if the scaler and formatter (WU/HD) have different firmware combinations.

6. Under choose upgrade items, select the firmware to upgrade.

7. If the model name, serial number or firmware version cannot be detected, select **Recover mode**

8. Upgrade the formatter DDP4422.

9. Upgrade the scalar PW392.

10. Upgrade the LAN PW808.

11. Upgrade the MCU LPC4337.

12. To check the firmware upgrade was successful, reboot.

13. Optionally send a command to upgrade M8535.

14. Once the update is successful, click **Exit**.

Formatter, scalar, LAN, and MCU not functioning properly

The formatter, scalar, LAN, and MCU are not functioning properly and the projector does not work.

Details

If the formatter, scalar, LAN, and MCU are not functioning properly, troubleshoot by using the recovery method.

Resolution

1. Turn the AC power off.

2. Power on the projector.

3. Wait 30 seconds for the LAN to be ready.

4. Run the **Wizard_OPFU.exe** file.

5. Select **Restore**.

LAN continues to not function properly

After recovering the *LAN* (on page 2), it still does not function properly.

Details

The LAN must function properly for the projector to work. Clear the TFTP upgrade setting of the PW808 before beginning.

Resolution

1. AC power on the projector.
2. Press the **up arrow button**, then press the **power button**⊚.
3. When the RJ45's LED is flashing twice, press the power button again.
4. Upgrade the LAN using a USB.

MCU firmware upgrade process failed

The upgrading process failed when upgrading the MCU firmware for the first time.

Details

The MCU firmware upgrade process fails causes the projector to not function properly.

Resolution

1. Turn the AC power off.
2. Turn on the AC power only, do not power on the projector.
3. Wait 30 seconds for the LAN to initialize.
4. Run **Wizard_OPFU.exe**
5. Select **Restore**.