

1. About Notices

NOTICE

This user manual contains embedded warning messages that indicate situations or conditions that could result in damage to the property. Damage caused by not adhering to these embedded warning messages results in a void of warranty.

2. Prerequisites

2.1 Download the update file for the corresponding device from the newsletter attachment.

2.2 Download the **Light Uploader V1.0** software from the newsletter attachment.

 The software is not available on the Internet.

3. Preparing the Firmware Update

NOTICE

Damage to the device and void of warranty. Only use the USB-B port to connect the CLUpdater 2 to your computer. Do not use the USB-A port on the opposite side.

3.1 Connect the USB-B port of the CLUpdater 2 interface with your computer (fig. 1)

NOTICE

Damage to the device and void of warranty. Do not update more than eight devices at the same time. Wait 30 seconds in between each step.

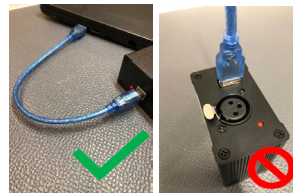


fig. 1

3.2 Connect the 3-pin DMX port of the CLUpdater 2 interface with the DMX port of the device you want to update.

 If you plan on updating multiple devices, connect the following devices in daisy chain via DMX.

 If any device has a 5-pin DMX port, use an adapter 3-pin DMX (m) to 5-pin DMX (f).

3.3 Open the **Light Updater V1.0** software on your computer.

3.4 In the dialogue window that opens, choose **Fixture Firmware Upgrade** (fig. 2). The red LED on the CLUpdater 2 interface starts to flash.

3.5 Choose **Open** (fig. 3)

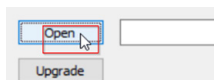


fig. 3

3.6 Navigate to the update file folder on your computer and open it.

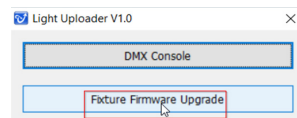


fig. 2

3.7 Open the update files in ascending order one after another and run the update on each of the files (see **4. Running the Firmware Update**)

a. Update the files with **DISP** in the filename in ascending order (fig. 4).

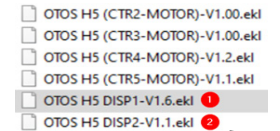


fig. 4

b. Update the files with **CTR** in the file name in ascending order (fig.5).

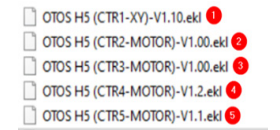


fig. 5

4. Running the Firmware Update

NOTICE

Damage to the device and void of warranty. Only use the following value. Otherwise the update cannot perform correctly

4.1 Set the **Speed** value to 96 (fig. 6).

NOTICE

Damage to the device and void of warranty. During the update process, do not disconnect the devices from mains power or close the Light Updater V1.0 software.

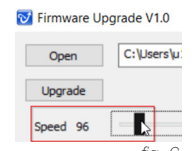


fig. 6

4.2 Choose **Upgrade** (fig. 7) to run the firmware update process.

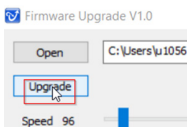


fig. 7

4.3 After the green progress bar reaches the far right, the **Firmware Upgrade finish!** dialogue window opens. Choose **OK** (fig. 8).

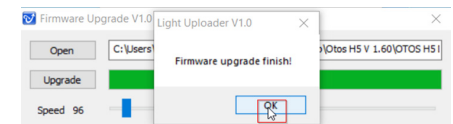


fig. 8

4.4 Repeat the process for the remaining files (see **3.Preparing the Firmware Update**, Step 3.5 to 3.7)

5. Checking the Firmware Update

5.1 Disconnect the DMX cable from the updated device. The device reboots.

5.2 After the reboot of the device, check that the firmware update ran correctly.

 This is an individual process per device. For some devices you can see firmware version during the booting process, for others you must access this info manually in the menu.

5.3 Check whether the full functionality of the updated device is still given.