PROFILUX MINI / LIGHT EMERGENCY UPDATE

About Emergency Update process

This article will show you how to recover your ProfiLux Mini / Light in case the device becomes unresponsive due an interruption during a firmware update.

What you will need

In order to do this kind of update, you will need the following...

(You will need)	(Purpose)
Windows computer w/ newest version of GCC installed	Allows you to access and use the tool for the update
USB cable	For transmitting the firmware via USB

> **Download the newest GCC for access to the newest firmware**
>
> In order to access the newest firmware version for your device, you will need to download the newest version of GHL Control Center (GCC). You can find the latest version in our downloads page .

Activate the USBVCOM driver for the Emergency Update

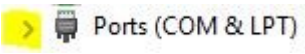
1. On the ProfiLux, **press and hold** the 3 buttons (as shown below) for approximately 5 seconds, then release. This will put the device in programming mode.

2. On your Windows desktop, click the Windows search bar and type-in **Device Manager**, then open it

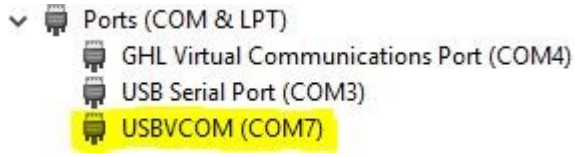
Another way to open Windows Device Manager

Right-click on the Windows logo (lower-left corner of screen) and select *Device Manager*

3. With Device Manager opened, you will see an arrow pointing towards **Ports (COM & LPT)**. Click on the arrow and proceed to the next step.



4. You will see the USBVCOM driver displayed in your Device Manager window. Take note of the COM port number which is shown on your screen.



Take note of the USBVCOM port number

You will need to know the COM port number for the next step.

Don't see USBVCOM listed?

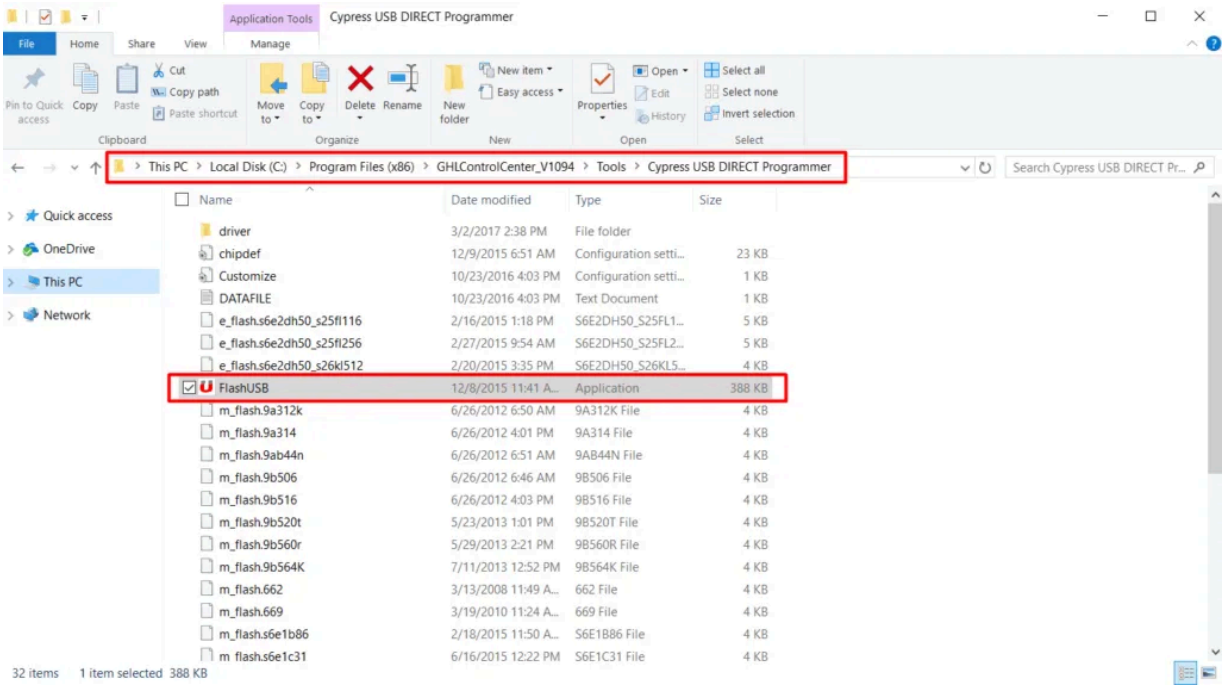
If you do not see the USBVCOM driver listed on your computer, the driver must be manually installed. Steps for manually installing this driver can be found here.

Perform the Emergency Update

1. Open the flasher tool to do the Emergency Update

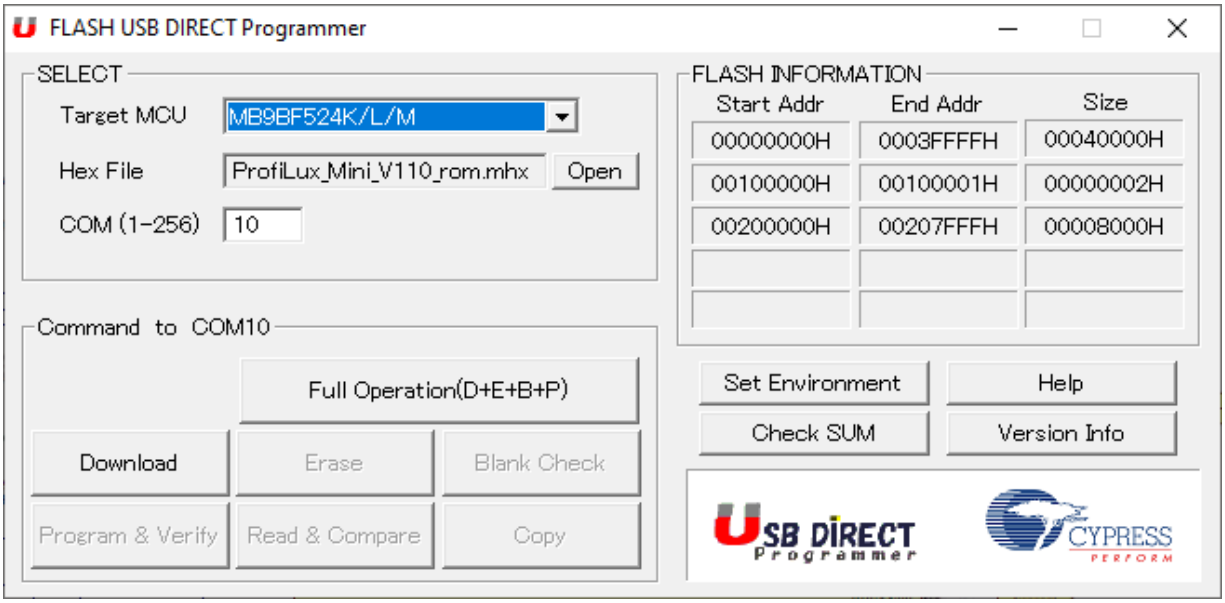
How to find the flasher tool

This tool can be found in the GHL Control Center program directory. Go to "This PC" on your computer, then *C:\ProgramFiles(x86)\GHLControlCenter_V1xxx\Tools\Cypress USB DIRECT Programmer\FlashUSB*



2. Change the settings on the flasher tool to the following:

Target MCU: MB9BF524K/L/M
Hex File: Click *OPEN* and navigate to the ProfiLux firmware file you want to use
COM (1 – 256): Type-in the COM number that was listed beside “USBVCOM” in your Device Manager



How to find the ProfiLux firmware file

The firmware file for the ProfiLux can be found in the program directory of GHL Control Center. When you click *OPEN*, select “This PC”, then C:\ProgramFiles\GHLControlCenter_V1xxx\Firmware\ProfiLux

3. Click **Full Operation** to start the update

4. When the message below pops up, **press and hold** the 3 buttons (as indicated above) for at least 5 seconds, then release and click “OK” to proceed

Having trouble starting the update?

If you get an error after clicking *Start Operation*, that means either the wrong COM port number was selected or the ProfiLux did not go into download mode. In this case, check your settings and click on “Full Operation” again, then press the 3 buttons on the ProfiLux for at least 5 seconds, then click “OK”.

5. If the download was successful, click “OK” and exit the flasher tool (close the program)

6. Power cycle (Turn OFF / ON) the ProfiLux and the device will startup with the new firmware