

M Display DFU

Device Firmware Upgrade for the M Display

User's Manual

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"Everything for Embedded Control"

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Introduction

The M Display's USB port, when in DFU mode, can be used to update the M Display's firmware. Using the supplied utility program, a *.hex file can be downloaded to the M Display to update the M Display's firmware.

System Requirements

- Windows XP, Vista, 7 or 8
- .Net Framework 4.0

Setup

Be sure the M Display is in DFU Mode. Switch dip switch 2 to the ON position. In this configuration, the M Display will be able to receive an update to its firmware.

This feature requires a driver for the Windows operating system. Simply connect the M Display to a PC and Windows will launch a driver installation wizard. Using this wizard, point windows to the "Driver" folder in this software package. The driver installation wizard will read the *.inf file from this folder and install the driver.

After successful installation, a device titled "STM Device in DFU Mode" will appear in device manager.



Usage

```
MDisplayDFU PathToHexFile
```

The MdisplayDFU program is a console program, and therefore must be executed from a command prompt.

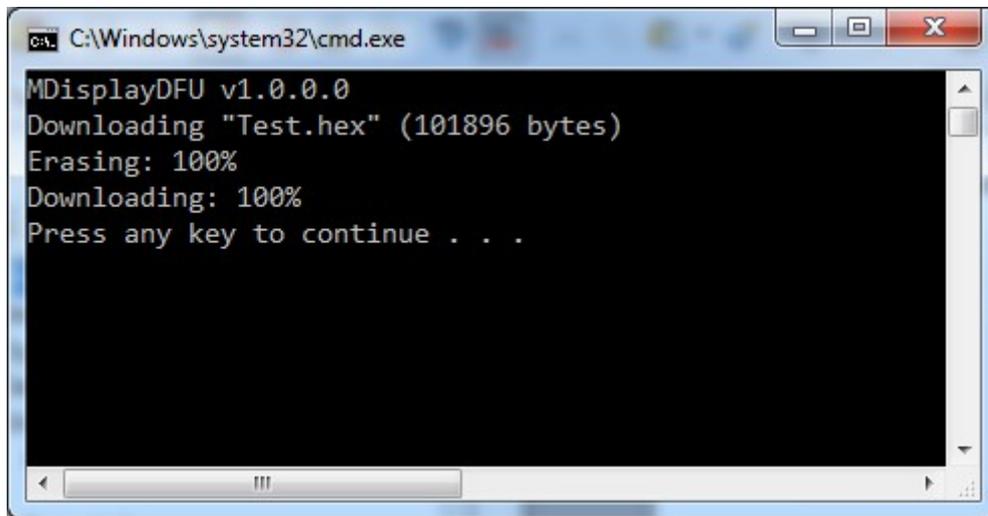
Arguments

Argument	Description
<i>PathToHexFile</i>	Path to the hex file that is the M Display's firmware

Example

This example updates the M Display's firmware using the firmware file "Test.hex".

```
MdisplayDFU Test.hex
```



```
C:\Windows\system32\cmd.exe
MDisplayDFU v1.0.0.0
Downloading "Test.hex" (101896 bytes)
Erasing: 100%
Downloading: 100%
Press any key to continue . . .
```

