

VM-813 Money Control Station (MCS) Firmware Upgrade Guide

INTRODUCTION

This upgrade will take up to 5 files from the USB stick and install them to the Vending Machine Controller (VMC) and the Human Interface Device (HID). The VMC is the large control board in the back of the VM813 and the HID board is the smaller control board behind the keypad. The firmware is generic for all of the Multi-max customers. If you are looking to change the specific settings on your machine, you will also need to run the Scripts that go with the firmware. Scripts change things like what options are available in the supervisor menu, the language the unit is set to, the bills which the machine can take and so on. Please also refer to the documentation on Scripts.

STEP BY STEP INSTRUCTIONS ON USB STICK

1. Insert the USB Stick into your PC.
2. View the files using Windows Explorer (My Computer)
3. If the following five files exist on the USB Stick, you can delete them
 - VMCLDUG.HEX (VMC Loader)
 - VMCFWUG2.HEX (VMC Application Firmware)
 - VMCMENU.HEX (MENU LAYOUT)
 - *Multi-max Pro users should not use VMCMENU.hex
 - HIDLDUG.HEX (HID Loader)
 - HIDFWUG.HEX (HID Application Firmware)
4. Download new firmware at <http://www.multi-max.com/download>. Unzip and copy the files onto a USB stick.

STEP BY STEP INSTRUCTIONS ON VM813

1. Unlock VM813, pull out drawer and drop down front face.
2. Unplug electricity from VM813.
3. Insert USB stick in USB port next to bill stacker.
 - a. Turn on (down position) DIP switch 4 ONLY if 2nd time through firmware update (Applies to Step 12).
4. Plug in electricity to the VM813.
5. At this point you will have to wait about 7 minutes.
6. Wait until you see the Clock on the display.
7. Unplug electricity from VM813.
 - a. Turn off (up position) DIP switch 4 ONLY if second time through firmware update (Applies to Step 12).
8. Remove USB stick.
9. Plug in electricity to the VM813.
10. Confirm software version of HID board by viewing first screen (Multi-max)
11. Confirm software version of VMC board by viewing second screen (Starting up, Please Wait).
12. If you do not have the new menus then you have to run through the firmware update a second time using DIP switch 4. Basically if everything worked the first time then you are done. Otherwise it will take 7 more minutes of your time to run through steps 1 - 11 one more time.

More information can be found at:
<http://www.multi-max.com>