

Firmware Upgrade Process for MasterConsole® Digital (MCD) KVM Switches

Date: May 2019

Applicability:

MCD-108 / MCD-116 / MCD-216 / MCD-232 / MCD-LED17108 / MCD-LED-17116

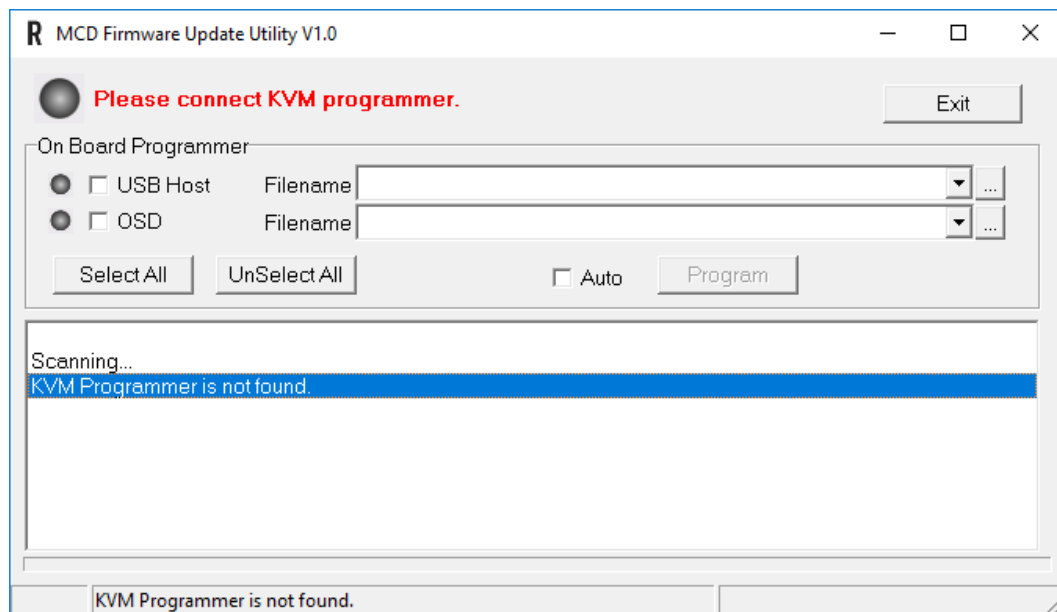
Get started

There are two Firmware files that need to be updated:

- **USB Host:** Update for USB host chip on the KVM switch.
The firmware filename for USB Host will look like: **MCD_USB_HOST_V2.02.usb**
- **OSD:** Update for the on-screen-display(OSD) functions.
The firmware filename for OSD will look like: **MCD_OSD_V2.02.osd**

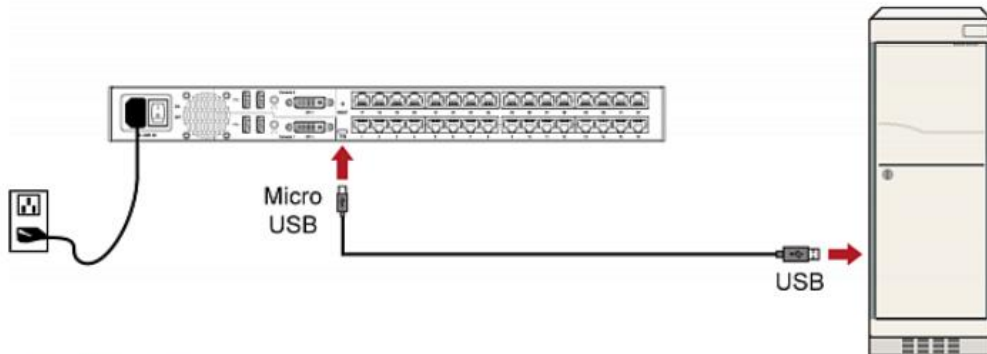
To update the firmware, please do the following:

1. Disconnect all the KVM cables between the KVM switch and the target computers.
2. Disconnect all keyboard and mice connected to the KVM switch.
3. Disconnect the cable between the KVM switch and the monitor.
4. Ensure the KVM switch is powered on.
5. Run the firmware update utility "**MCD FW update Utility**".

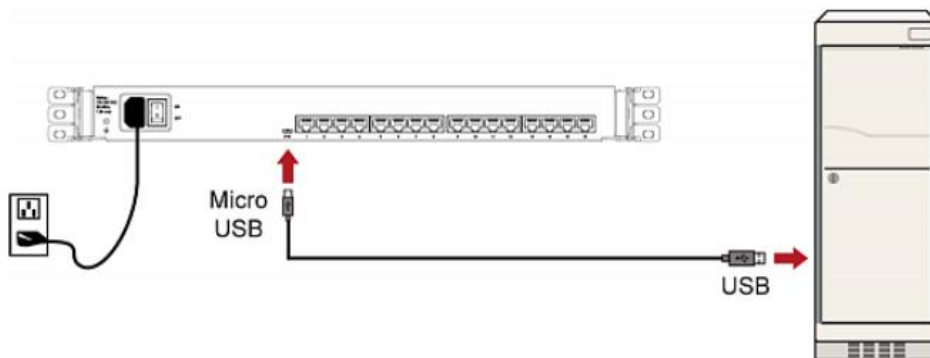


6. Use a **“Micro-USB to USB-A cable”** to connect the KVM switch firmware update port to a USB port of the computer running the firmware update utility.

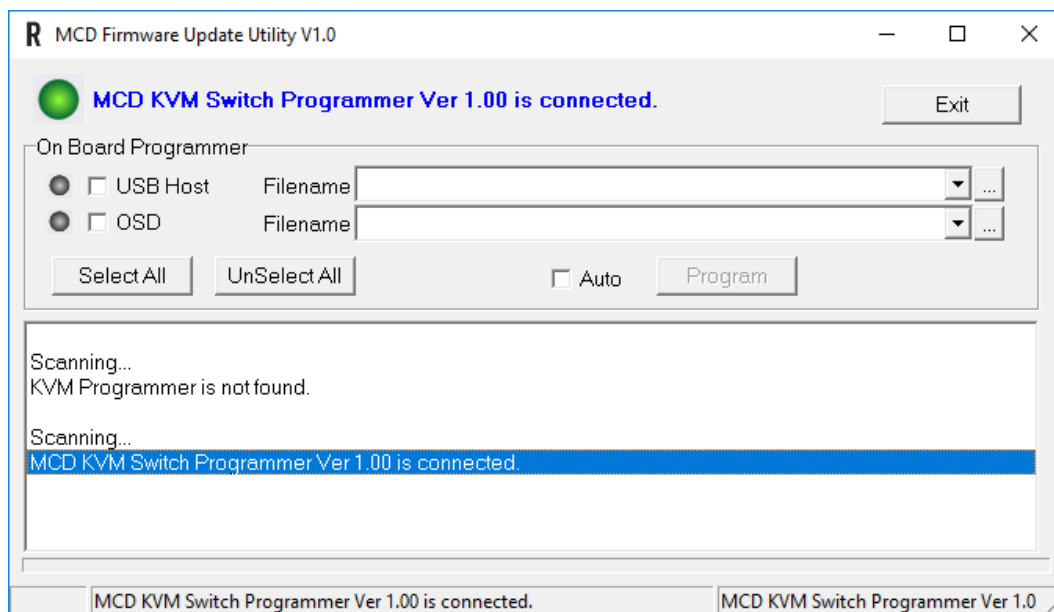
- **MCD switch:**




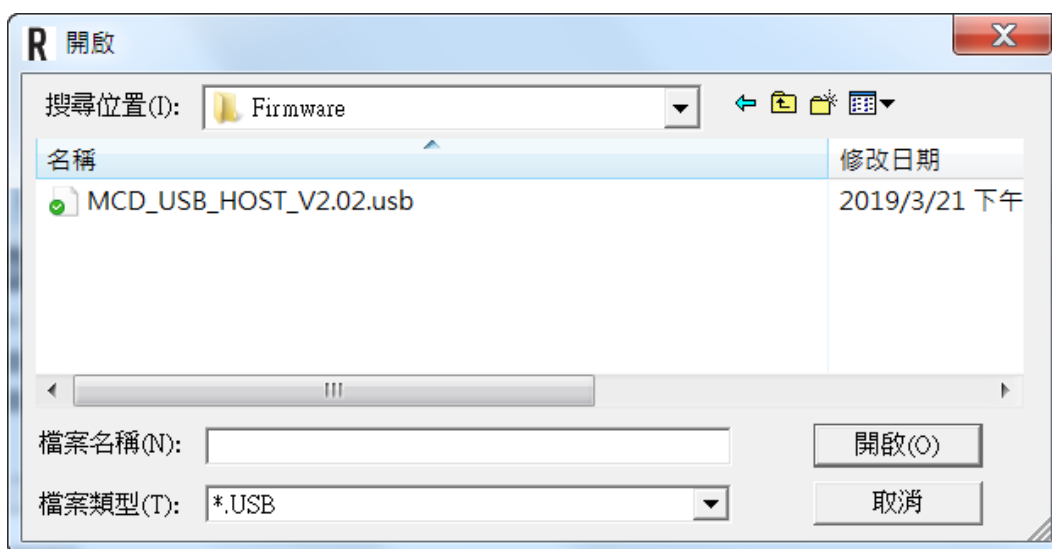
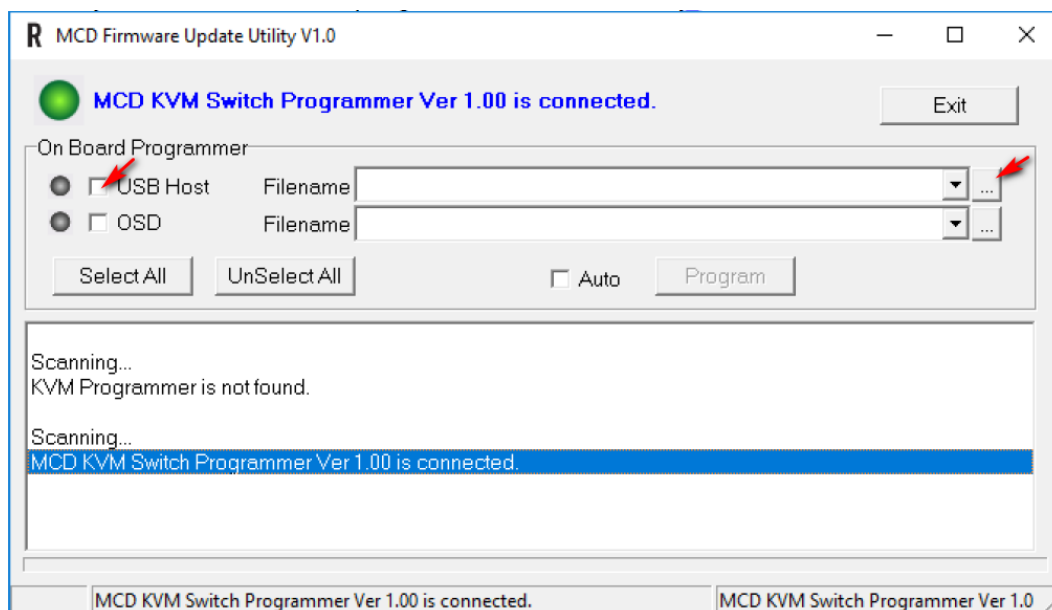
- **MCD-LED KVM drawer:**




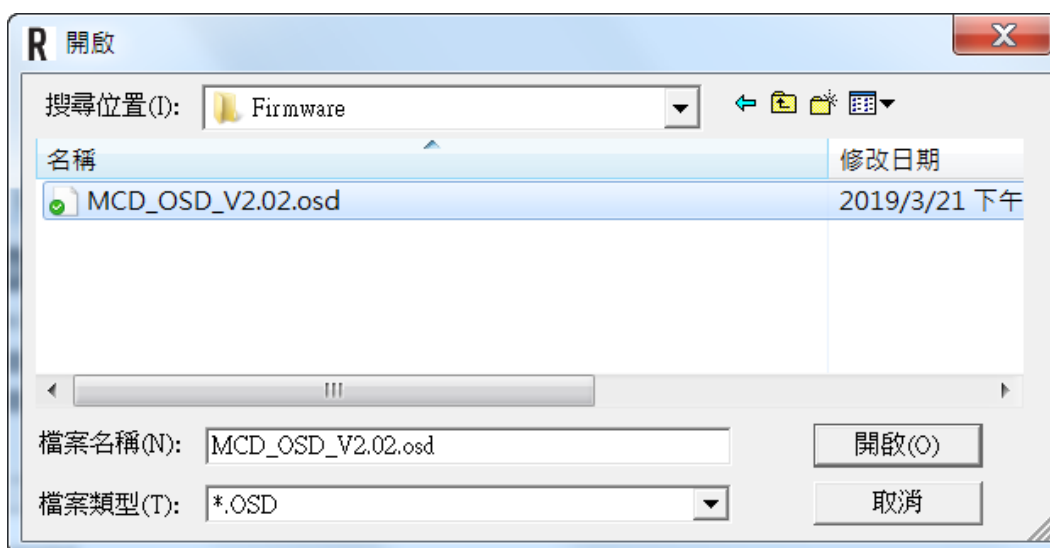
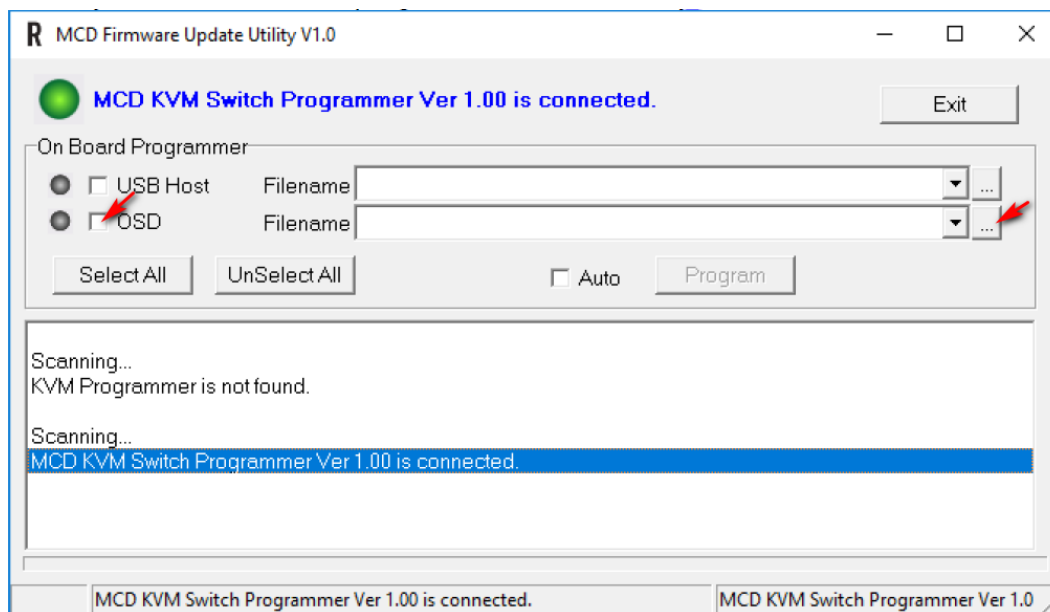
7. Wait for the firmware update utility to connect to the KVM switch.



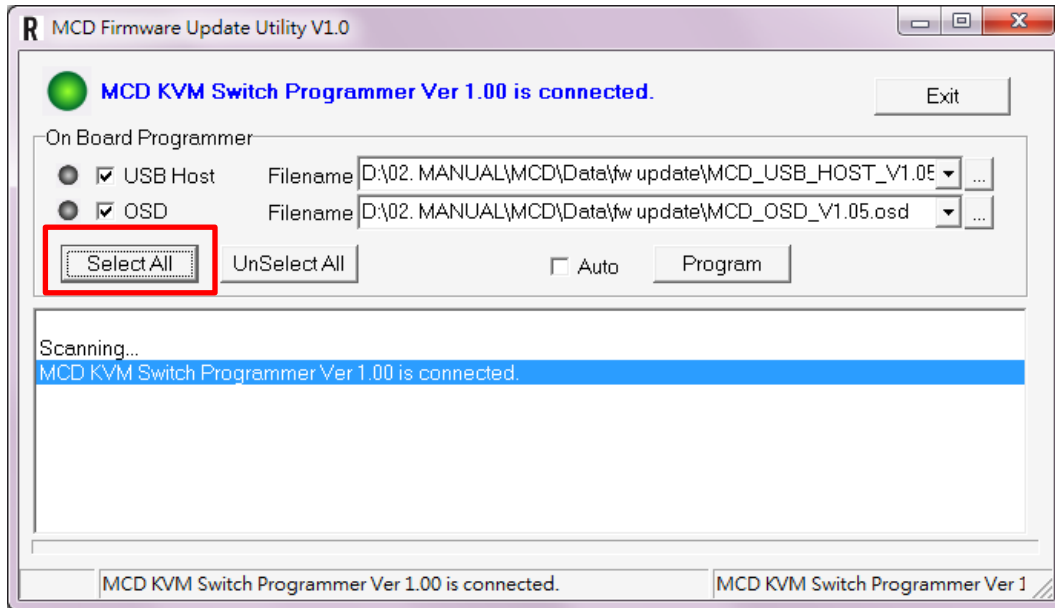
8. Verify whether the utility detects the connected MCD switch. If yes, a green bullet and blue text as shown above is displayed on the top of the utility.
(If not, the top-left bullet does not turn green, and the red text is displayed on the top instead)
9. To upgrade the USB functionality, click  in the row of the "USB Host" to browse and select the appropriate MCD USB file.



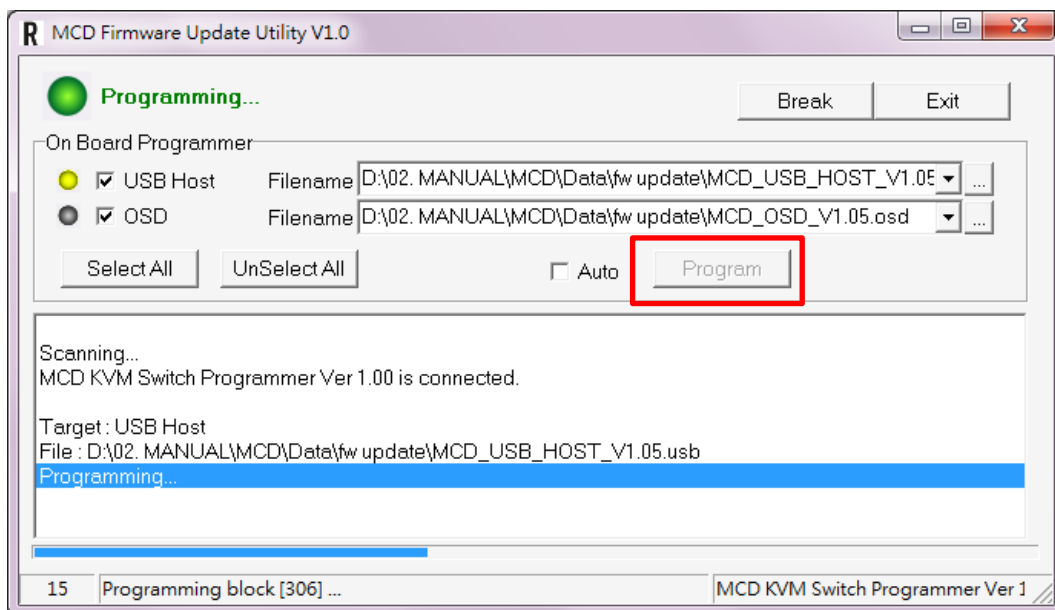
10. To upgrade the OSD functionality, click  in the row of the "OSD" to browse and select the appropriate MCD OSD file.



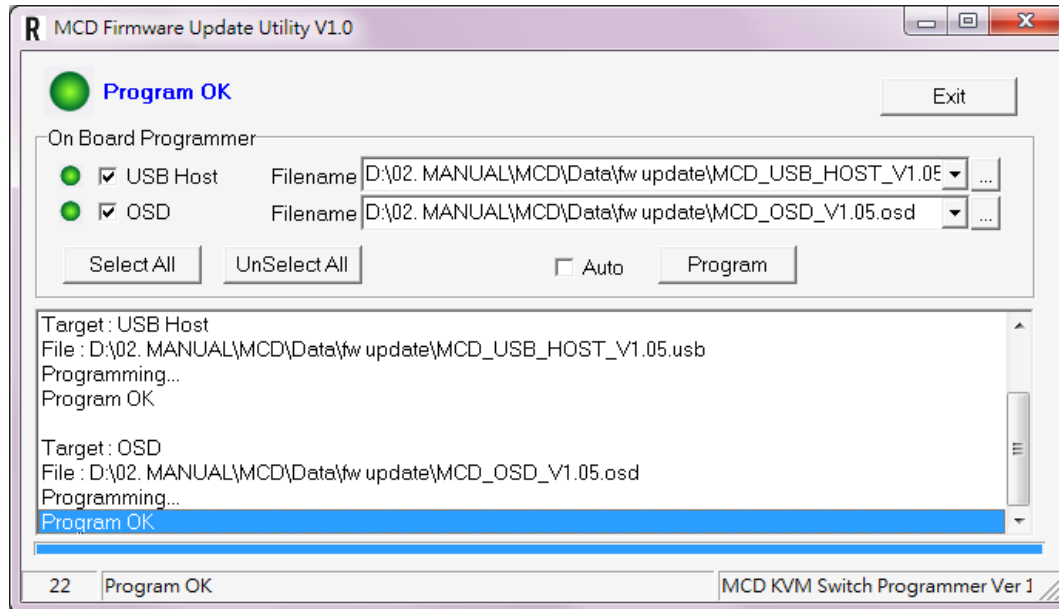
11. Select the checkbox of the USB or OSD firmware that you want to upgrade. To upgrade both firmware, simply click Select All.



12. Click Program to start the upgrade. The upgrade progress is displayed at the bottom of the panel.



13. When the upgrade completes, verify the upgrade result. If it is successful, a green bullet and blue text 'Program OK' is displayed on the top of the utility.
(If the upgrade fails, the top-left bullet does not turn green, and red text is displayed on the top instead.)



14. If there are more MCD switches to upgrade, keep the utility open, remove the currently-connected switch, and reconnect a new switch to the computer. Then repeat steps 6 to 13 until all switches are upgraded.