Firmware Upgrade Manual

Upgrade your DMM via USB drive

Please follow the steps below

1. Decompress the whole packaged files to any normal USB drive whose format is limited to FAT32.
2. Copy the file name, **download.pt**, located in the folder of **panel_usb_update**. Then you have to create a folder on the drive root, for example X:\[Model]\firmware\ . Note that the folder's name has to be matched with your DMM.
3. Insert the USB drive into the flash drive slot on your DMM.
4. Appearing "**The USB drive detected**" means that the USB drive has been found.
5. Enter MENU->Information via operating the front panel of DMM, there is an update selection. Then press it to start the upgrade.
6. It will show percentage progress. When it's completed, your DMM will automatically reboot.

***. Note:**

1. It will jump to boot when it is automatically updating (Meanwhile, the power led is in red and the shift key is flashing). And it will take about 10-20 seconds. Please do not power off or press the power button at the moment.
2. If plugging the USB drive to the USB slot, and showing "The USB drive can't work properly", please re-plug the USB drive or change to another one.

Troubleshooting:

How to deal with an accident?

1. **What if the power is interrupted during the update process?**
   a. Re-update.

2. **How to deal with the following error message during the upgrade with your USB drive?**
   a. **Corrupted Update File (X-X):** Please notify the original factory (Note: 0 is a problem with USB).
   b. **Device failed to connect:** It means there is a problem with the communication between the accessory and the panel, please notify the original factory.
   c. **"download.pt" gone**: Please make sure this file exits in the USB drive

3. **How to deal with the following red error messages during the upgrade with your USB drive?**
   a. **Device failed to connect: (X)** means there is a problem with the DMM connection. Please restart it.
   b. **Corrupted Update File: (X)** means this file has been damaged. Please notify the original factory for the latest file.
   c. **Not support this bootloader:** This program does not support updating this DMM. Please notify the original factory for the latest file.