

DeviceMaster Power/Status LED Indicator

The Power/Status amber colored LED on the DeviceMaster should operate like this when the default settings are in use:

The normal LED process would be this on bootup:

On for 1/2 second, off for 1/2 second and repeating for a default period of 15 seconds.

Note: this is the period of time that Bootloader is loaded before SocketServer loads. This time period is user configurable and may have been changed. This period must be a minimum of 15 seconds in order to upload firmware and 45 seconds is suggested.

Next will be seen a rapid flashing for 1 to 2 seconds. This is the period that SocketServer is actually being copied from non-volatile memory into volatile flash where it actually runs from. Once SocketServer is functional, the LED will then go solid on for 10 seconds with a flash off of 1/2 second and back on for ten seconds and repeating.

If you have the LED doing the "on for 1/2 second, off for 1/2 second" and repeating continuously then there are a couple of possibilities.

The BootLoader Timeout may have been set to 0 which disables loading of the SocketServer firmware.

Telnet into the DeviceMaster and change the BootLoader Timeout to the default of 15 seconds.

The flash may have been formatted.

In this case load firmware to the DeviceMaster.

SocketServer may have become corrupted and needs to be updated.

Format the flash using the "fis init" command and update SocketServer.

If the DeviceMaster LED is on solid without blinking off for the 1/2 second every 10 seconds see this forum posting:

http://forum.control.com/index.php?t=tree&goto=99&&srch=dhcp#msg_99

If you see either of these patterns, the DeviceMaster will most likely need to be returned to Control with an RMA number for servicing

5 sec. off, 3 flashes, 5 sec. off, 3 flashes... RedBoot™ checksum failure.

This indicates a corrupted Bootloader

5 sec. off, 4 flashes, 5 sec. off, 4 flashes... SREC load failure.

This indicates a defective flash memory chip which needs to be replaced.