

## Dimmer Firmware Update

### Updating Dimmer Firmware

1. Set the 3-position rocker switch to the CENTER position.
2. Press the right function button.
3. Rotate the left encoder knob to navigate to USB FUNCTIONS and press the left encoder knob to select.
4. Rotate the left encoder knob to navigate to Dimmer FW Update and press the left encoder knob to select.
5. Insert USB-A\* device with firmware update into USB-A Port.
6. Press the center function button.
7. Rotate the left encoder knob to navigate to desired update file and press the left encoder knob to select.
8. Verify the desired update is shown on the OLED Screen.
9. Press the center function button.
10. The dimmer will reboot after the update is complete (*this may take several seconds*).
11. Verify the desired firmware is installed. (*see Dimmer Info in the Settings section*).

## Pixel Firmware Update

### Updating Pixel Firmware (*Dimmer must be connected to fixture for this update*)

1. Set the 3-position rocker switch to the CENTER position.
2. Press the right function button.
3. Rotate the left encoder knob to navigate to USB FUNCTIONS and press the left encoder knob to select.
4. Rotate the left encoder knob to navigate to Pixel FW Update and press the left encoder knob to select.
5. Insert USB-A\* device with firmware update into USB-A Port.
6. Rotate the left encoder knob to navigate to desired update file and press the left encoder knob to select.
7. Verify the desired update is shown on the OLED Screen.
8. Press the center function button.
9. Rotate the left encoder knob to input desired pixel number and press the left encoder knob to select.
10. Press the center function button.
11. Verify the desired update is shown on the OLED Screen.
12. Press the center function button.
13. Press the left function button.
14. Repeat steps #9-#13 until each pixel is updated.

**WARNING:** Do not unplug the dimmer or fixture from power or remove the USB drive during the update process. Doing so may damage the dimmer.

- \* To unlock all features of Spectrum OS 3.0, Dimmer and Pixels must be updated to the latest firmware.
- \* A USB 1.0 or 2.0 flash drive with the maximum storage size of 32GB must be formatted using FAT 16 or FAT 32 file systems.
- \* **Extract the .bin file from the zip archive and copy it directly to the root directory of a USB-A flash drive. Ensure the flash drive is formatted with a FAT16 or FAT32 file system, and do not place the .bin file inside any folders.**