

# Star Bright

*Decorative LED Window Display*

## Multi-Panel

Up to 100 Star Bright panels can be connected together using multiple Hub-Kits and one Multi-Panel Controller to form one large display.



**Multi-Panel Controller and USB flash drive**



**Hub-Kit (USB hub may look different)**

### Connections

1. Connect Multi-Panel Controller to root USB hub host port. Power does not need to be connected to the Multi-Panel Controller if a powered USB hub is being used (as is the case with the Hub-Kit).
2. Connect USB hub power supply to hub. Each hub must have its own power supply.
3. Connect USB flash drive to root USB hub.
4. Up to 6 USB hubs may be daisy chained off the root USB hub. Hub host port connects to previous hub device port. The supplied 5m USB cable can be used to connect hubs together.
5. Connect Star Bright panels to unused USB hub device ports using the USB cable supplied with each Star Bright panel.
6. The supplied suction cups, twist ties, and cable mounts can be used to hold cables in place. Actual cable runs will depend on your physical layout.

### Panel Organization

Disconnecting the USB flash drive from the root hub will display a number on each Star Bright panel. You can use this to logically arrange the panels into one large physical display. See the following for some examples. Note that the connections in step #5 above must be arranged so that the numbers increase from left to right and from top to bottom.

0	1	2	3
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0	1
2	3

0	1	2
3	4	5

### Display Graphics

Copy your black and white animated GIFs to the USB flash drive root and they will be displayed on the panels. Your GIF pixel format must match the physical panel organization in order for the GIFs to be displayed correctly. For example, if your GIF is 24x16 pixels, Star Bright panels should be organized as 2 rows of 3 columns with the correct panel numbers.

### Software

You can use our free PC StarText software to create banner graphics, or use third party software like Animation Shop to create large animated GIFs.

**Trouble Shooting** – The following error codes are displayed on the Star Bright if there is a problem.

- 1 = Flash Drive Read Error      3 = Bad Flash Drive      6 = Bad write to Star Bright  
2 = Flash Drive File Error      4 = Bad Device connect to hub

**Warranty** - The product is warranted by the manufacturer for 90 days to be free of manufacturing defects.

**More Info Visit** - [www.MyStarBright.com](http://www.MyStarBright.com)