LED DMX Data Synchronizer for RGB, 3 Channels

Product Features

- Allows you to synchronize two or more DMX Controllers using the same LED Strip.
- Prevents LED flickering caused by multiple DMX decoders desynchronization when connected to the same LED strip.
- Enclosure built with High Quality ABS material and internal components encapsulated with High Quality Epoxy Resin for maximum durability, heat dissipation, protection and performance.
- Compatible with DMX-CON3 series and RGB LED strips.
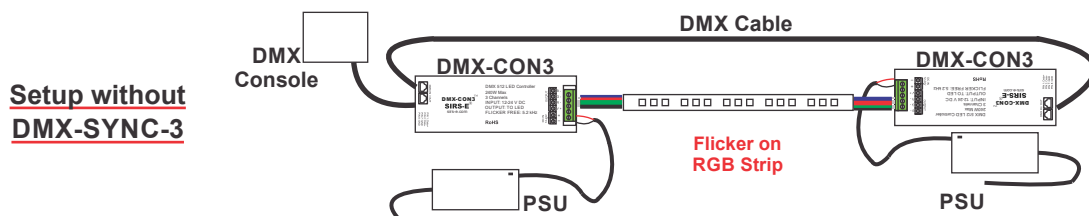- Not compatible with Magnetic Low Voltage Power Supplies.
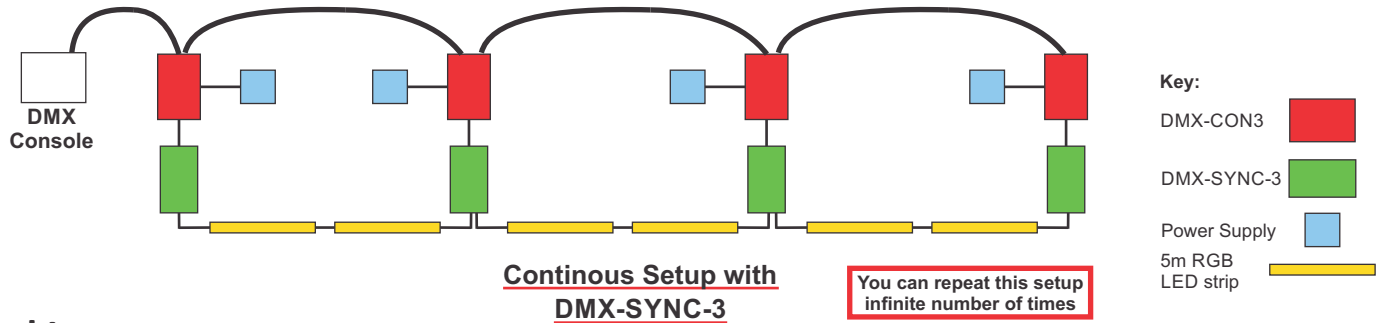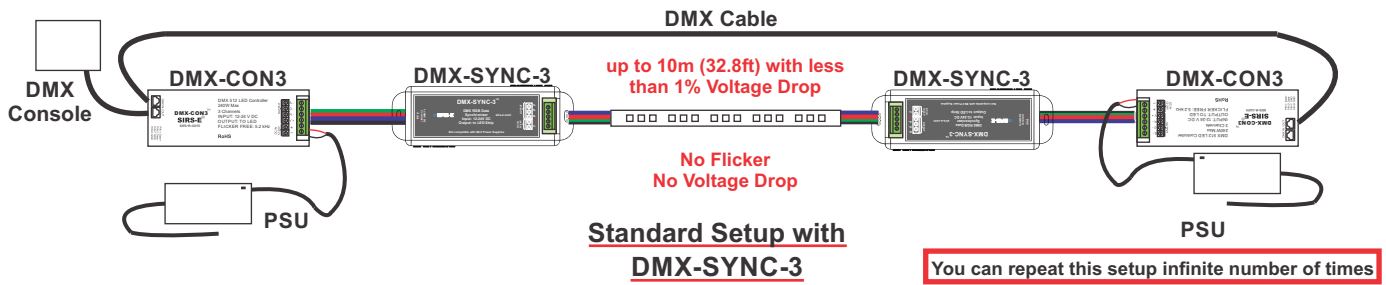
Tech Specs

Model Number: DMX-SYNC-3
Operating Voltage: 12V - 24V DC
Max Current per Channel: same as DMX Controller
Working Temperature: -20°C ~ 80°C
IP Rating: IP40, Non-Waterproof (Please keep dry at all times)
Enclosure Material: High Quality ABS thermoplastic polymer
Net Weight: 232.5 g (8.2 oz)
Dimensions: 162.88 x 53.36 x 32.65 mm (6.41 x 2.10 x 1.29 in)

The Original DMX-SYNC-3
Engineered & Manufactured in USA
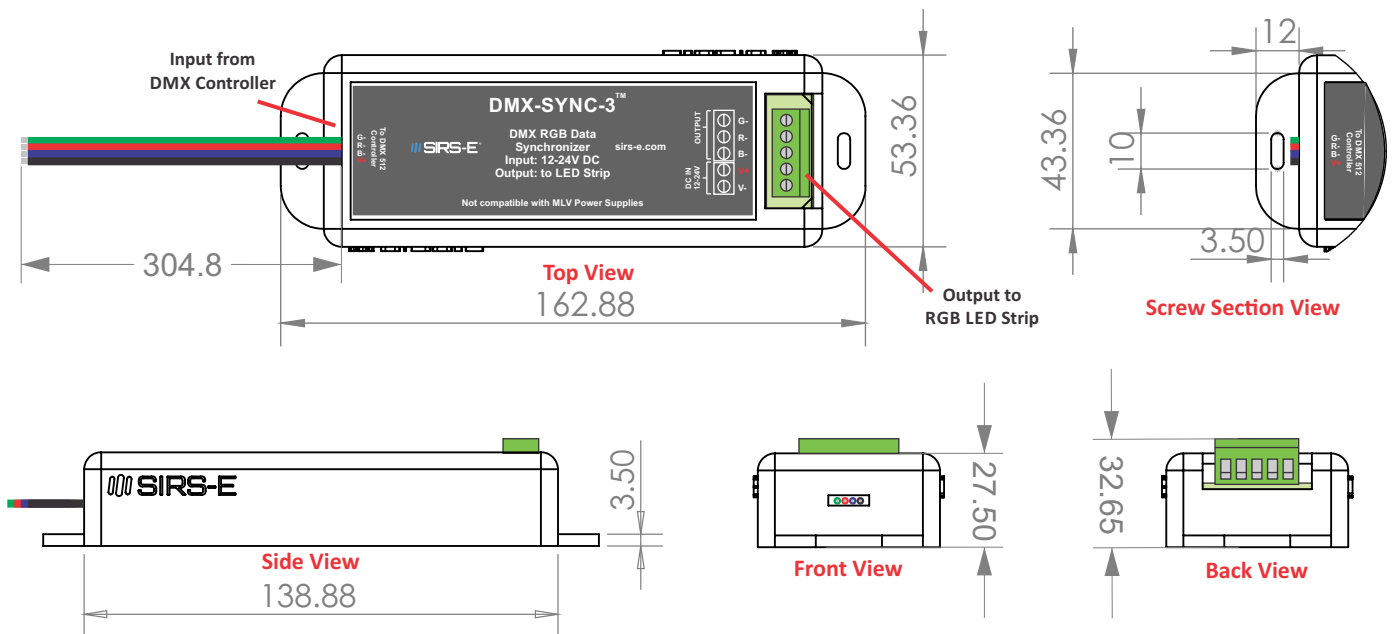**New 3 channel DMX Synchronizer**

Product Applications

This product allows you to have continuous LED strip runs without voltage drop or flickering and still maintain DMX control for dimming and/or color mixing.

- **Where to Use it:** When you connect 2 or more DMX controllers to the same LED strip to prevent voltage drop and power loss.
- **Why you need it:** When 2 or more DMX controllers are connected to the same LED strip, there is a frequency desynchronization that causes the LED strip to flicker. This DMX Data Synchronizer allows the DMX controllers to synchronize the frequency difference and stop the LED strip from flickering, additionally preventing voltage drop and allowing you to virtually run infinite meters of RGB LED strips with DMX.

Setup without DMX-SYNC-3

DMX Cable

DMX Console DMX-CON3 DMX-SYNC-3 **up to 10m (32.8ft) with less than 1% Voltage Drop** DMX-SYNC-3 DMX-CON3

**No Flicker
No Voltage Drop**

PSU **Standard Setup with DMX-SYNC-3** **PSU**

You can repeat this setup infinite number of times

DMX Console

Key:

DMX-CON3

DMX-SYNC-3

Power Supply

5m RGB LED strip

Continous Setup with DMX-SYNC-3

You can repeat this setup infinite number of times

Physical Layout

Input from DMX Controller

DMX-SYNC-3™
DMX RGB Data Synchronizer   sirs-e.com
Input: 12-24V DC
Output: to LED Strip
Not compatible with MLV Power Supplies

53.36

304.8

Top View
162.88

Output to RGB LED Strip

12

43.36

10

3.50

Screw Section View

3.50

Side View
138.88

27.50

Front View

32.65

Back View

Note: All units are in mm

* Note:

* We recommend you hire a licensed electrician for any electrical connection, and or installation.
* We reserve the right to make changes without any prior notice

Last Revised on: 11/04/2016