

Important: Read all instructions prior to installation.

## Tunable White Flexible Light Strip Kit

### Parts Included

- 1 - Dual Chip LED Tunable White Light Strip (NFLSK-DW600-VCT)
- 1 - Tunable White Controller w/ RF Remote (MCBRF-VCT7)
- 1 - 24V DC 60W CPS Power Supply (GS60A24-P1J YP12+YC12)
- 3 - Wire Nuts (WN-2216)
- 1 - Barrel Connector Adapter (CPS-F2ST)
- 4 - Double-Sided Foam Pads (3M-FTP)

### Installation

#### 1. Turn On/Standby

Press 'I' key to turn on unit or press 'O' key to turn off unit. Retains last setting between power off and power on.

#### 2. Color Temperature Adjust

To control color temperature, press 'C/T+' key to increase color temperature, which increases the cool white channel output power and decreases the warm white channel output power. Press 'C/T-' key to lower color temperature, which increases the warm white channel output power and decreases the cool white channel output power. The overall brightness will remain unchanged when adjusting color temperature.

#### 3. Brightness Adjust

Press 'BRIGHT+' key to increase brightness and 'BRIGHT-' to decrease brightness. The color temperature will remain unchanged when adjusting brightness.

#### 4. Brightness Shortcut

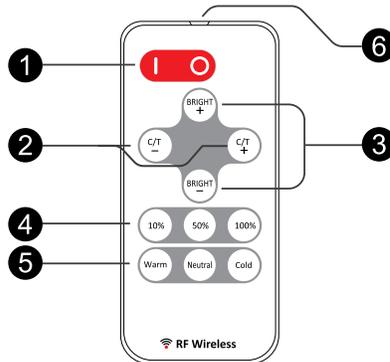
Press to set the relative shortcut brightness level. 3 shortcut keys '10%', '50%' and '100%' are available.

#### 5. Color Temperature Shortcut

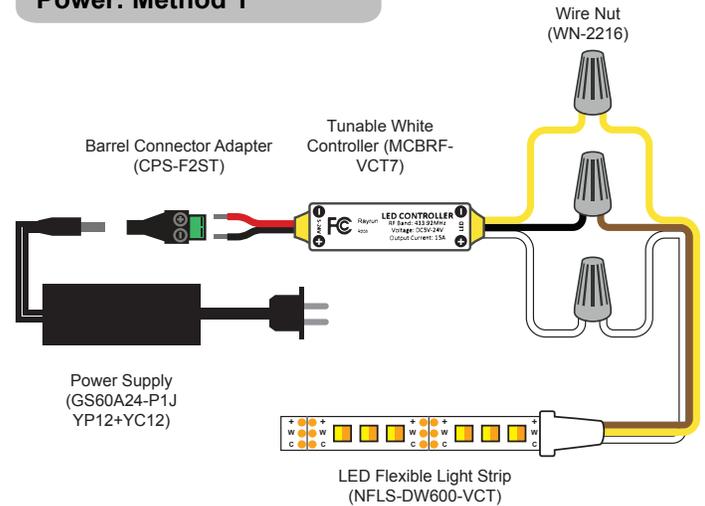
Press to directly select the relative color temperature. 3 shortcut keys 'Warm', 'Neutral' and 'Cold' are available. 'Warm' and 'Cold' is pure warm or cool output, 'Neutral' is half warm and half cool output.

#### 6. Wireless Remote LED Indicator

Flashes blue when remote is operating to indicate that the remote is functioning properly.



### Power: Method 1



### Controller Pairing

The MCBRF-VCT7 features RF remote to controller device pairing to help eliminate interference from other nearby units. If you wish to change several controller devices from a single RF remote, the controllers must first be re-programmed.

The easiest and fastest way to re-program several controller devices at once is to have them share a power supply or all plug in to a single power strip.

Once programmed you can provide power as you would otherwise, sharing is only needed for the programming phase to ease the process -- Re-programming can be done one device at a time also.

#### Programming Procedure:

The remote and controller unit are 1 to 1 paired as default. Further more, one main unit can be paired to 5 remotes and every remote controller can be paired to any main unit.

Please do the following steps to pair a new remote to the controller.

- 1.) Remove power from the controller and restore power again after 5 seconds.
- 2.) Press remote 'C/T+' and 'C/T-' key together in 5 seconds after power is restored. After this operation, the main unit indicator will flash white 3 times, the master unit now recognizes the new remote. Only 5 latest paired remotes can be recognized by the main unit.

### Instructions

#### Pre-test & Configure

Remove strip from reel and make connections to power supply and controller (see "Method 1" diagram). Turn on strip using the included remote controller to ensure proper operation of the strip, power supply, controller, and remote.

Choose a suitable location for the power supply and controller, For use in dry locations only.

Ensure all installation surfaces are clean and dry.

Begin to remove strip's backing while adhering to desired mounting surface. Press firmly to secure strips to surface. Mount controller and power supply to a suitable location.

### Safety

- DO NOT connect controller or strips directly to 120V AC power. This controller requires a 24V DC power supply.
- DO NOT exceed max load of 14 Amps, overloading the controller may cause overheating, shorting, and possibly failure of controller.
- Be sure the power supply is not plugged into an outlet before connecting or disconnecting any of the systems components.
- DO NOT expose the controller and light strip to direct or indirect moisture.
- Always observe proper polarity when connecting power and load.

