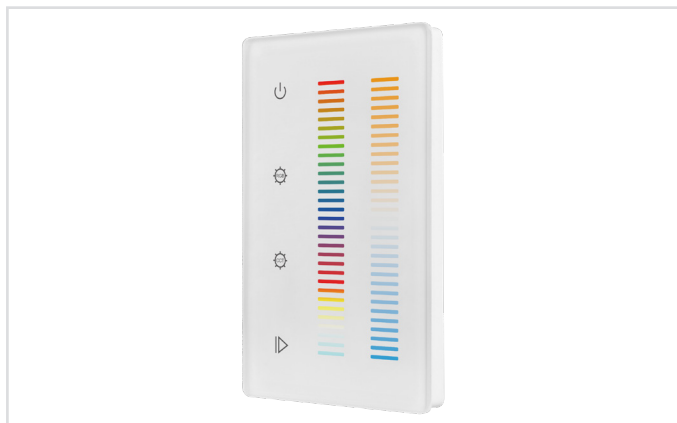


DMX Touch Wall Controller - RGBTW-12V OR 24V DC

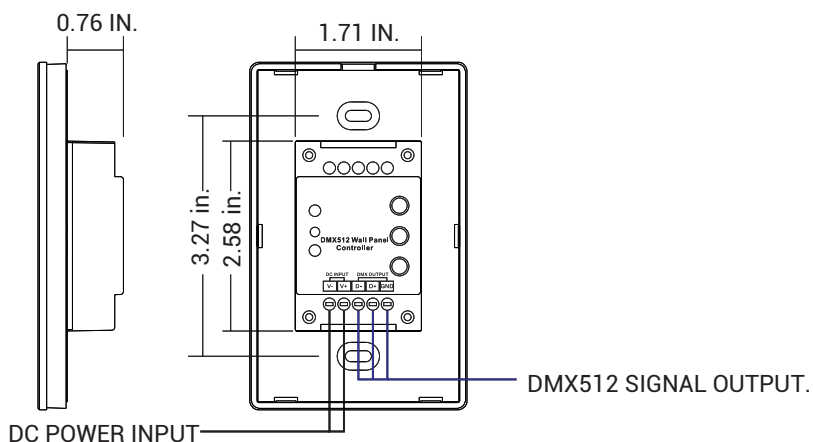
AL-60-03-0011



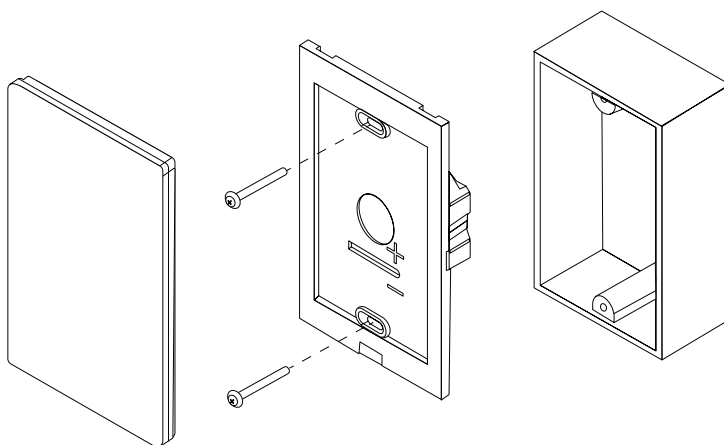
The DMX Touch Wall Controller RGBTW 12V or 24V DC is used to control the color mode, speed, and brightness of both Radialux® RGB and RGBW tapelights. Featuring a touch-sensitive glass interface, this controller can also be used to adjust the tuning range of our tunable tape lights and is compatible with DMX decoders for hard-wired DMX color control. The DMX RGBTW Touch Wall Controller is fully compatible with the 5-Channel Wireless RGBTW Receiver (AL-60-03-0012 - sold separately). This controller is powered by our Non-Dimmable Drivers.

- Input Voltage: 12-24V DC
- Output signal: DMX512
- Power consumption: <20mA
- Operating Temperature: -20°C~+40°C, -4°F~104°F
- Dimensions: 4.72in x 2.95in. x 1.5in.
- Power Source: 12-24V Non-Dimmable Driver
- Control: RGB+CCT COLOR
- Location: indoor, Dry(IP20)

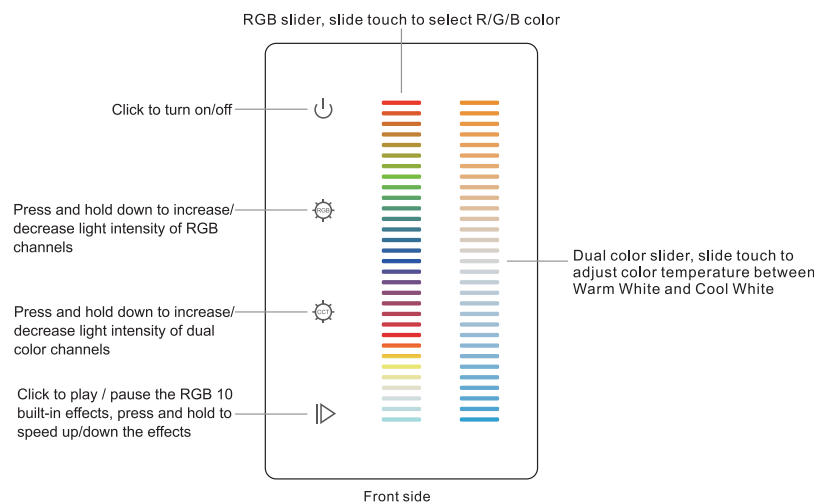
DIMENSIONS



INSTALLATION



KEYPAD LAYOUT



DYNAMIC MODE GUIDE

By pressing the button that looks like the Play symbol on the controller, you are able to access Dynamic Mode which consists of ten basic preset scenes loaded onto the controller. Short pressing the button switches/pauses the mode, while long pressing the button adjusts the speed of the current mode. Below is a chart of the scenes available.

1	FULL COLOR FADE #1
2	REVER RAINBOW FADE
3	RANDOM FULL COLOR FADE
4	7 COLOR JUMP
5	RGB FADE IN/FADE OUT
6	RGB FADE IN to OFF
7	RGB ON to FADE OUT
8	RGB JUMP
9	RGB ON to FADE OUT
10	PASTEL COLOR FADE IN/FADE OUT

ZONE SETTING

This controller is capable of controlling a single zone of DMX fixtures that have up to 5 channels.

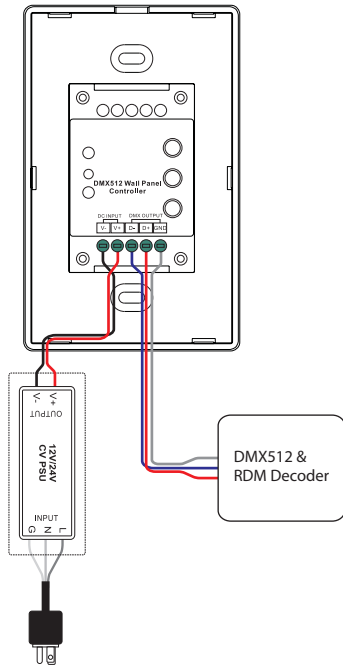
The zone is designated by addressing your fixtures as follows:

Zone 1: Address to 001

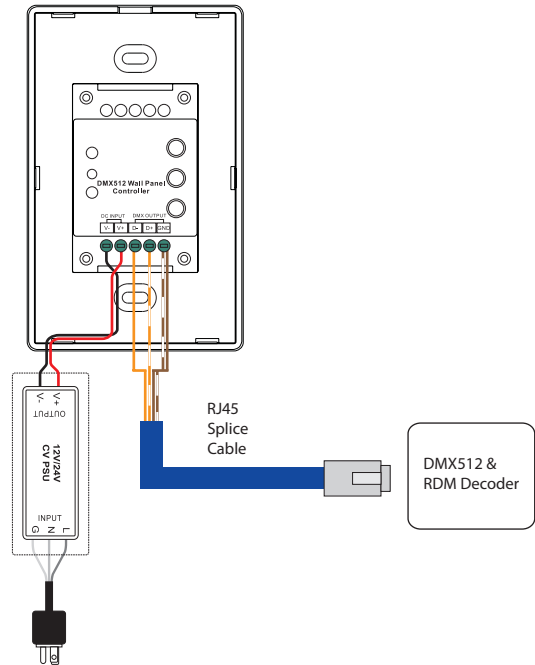
Multiple fixtures can be set to the same 001 address in order to control all of the fixtures at the same time

WIRING DIAGRAM: DMX TOUCH WALL CONTROLLER

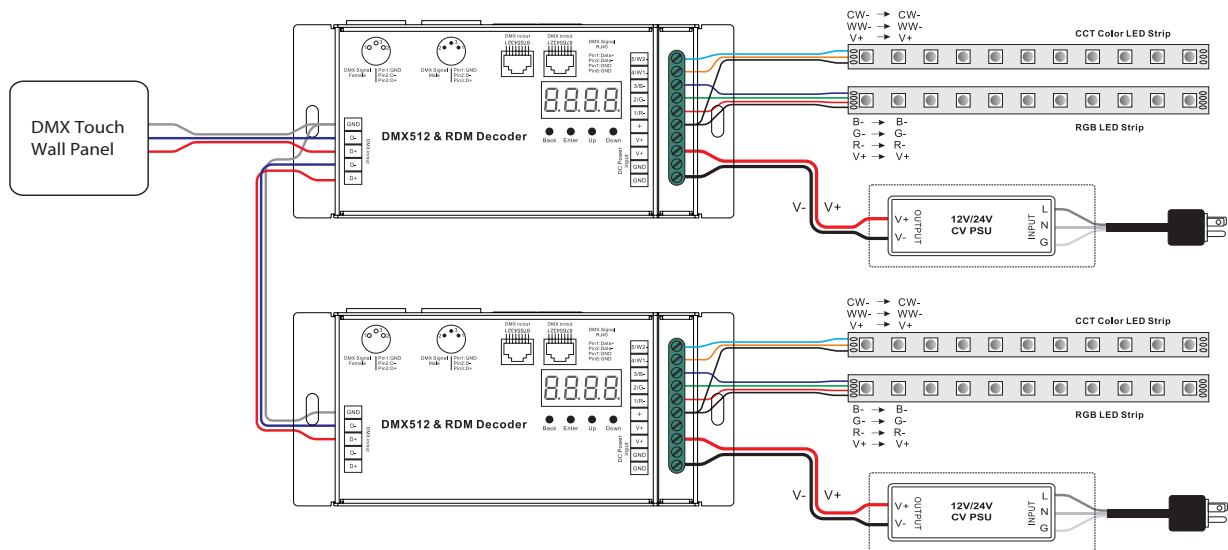
Hard Wire Connection



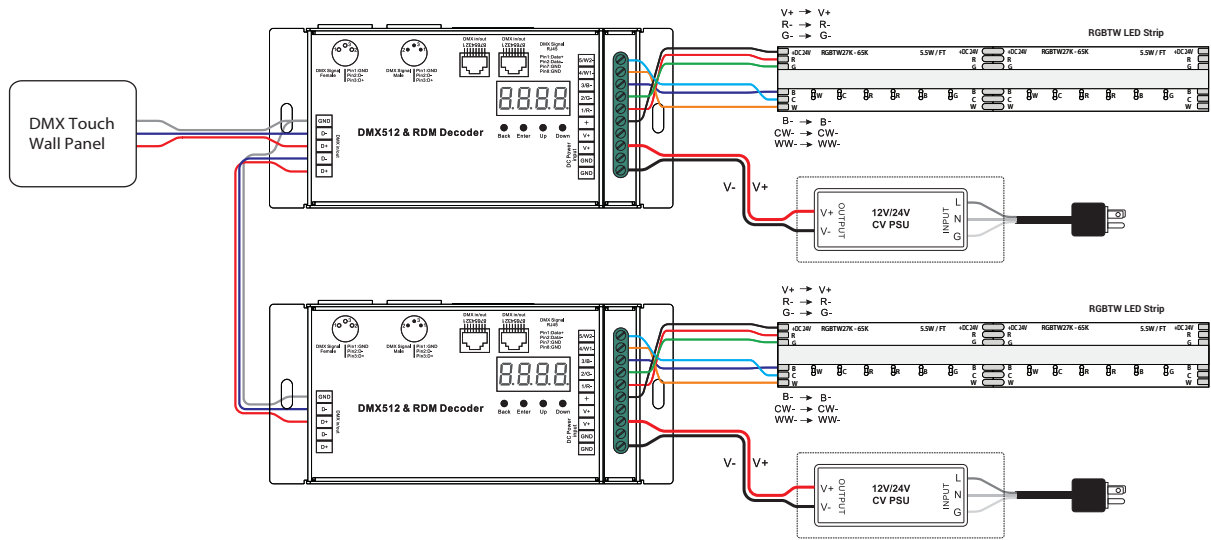
RJ45 Connection



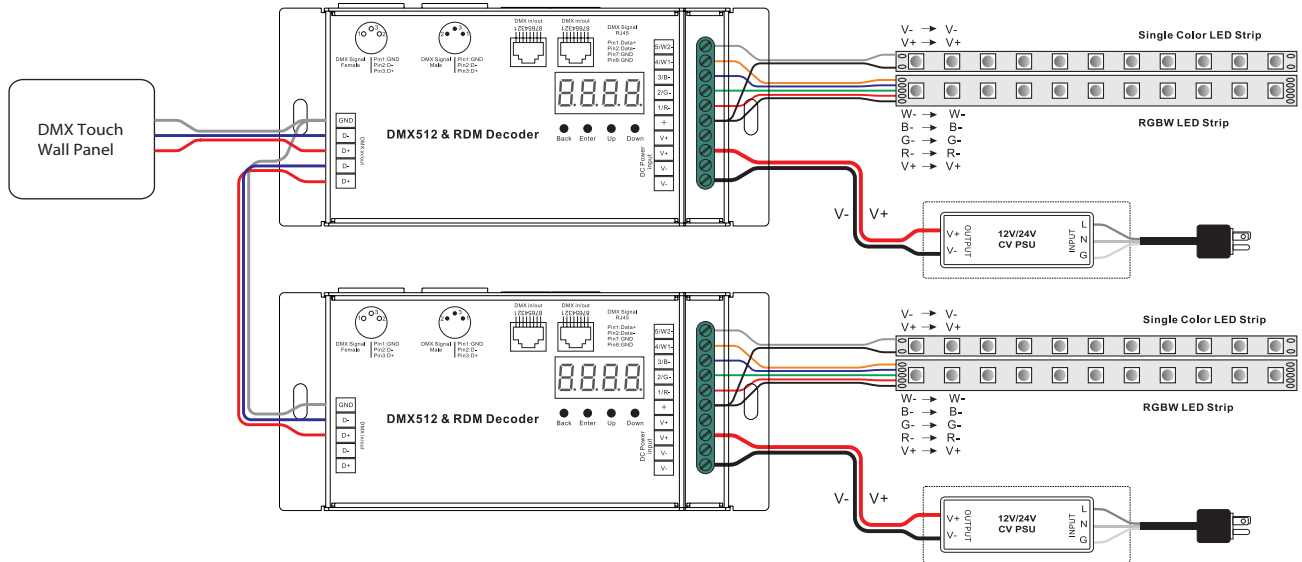
WIRING DIAGRAM: TUNABLE WHITE & RGB



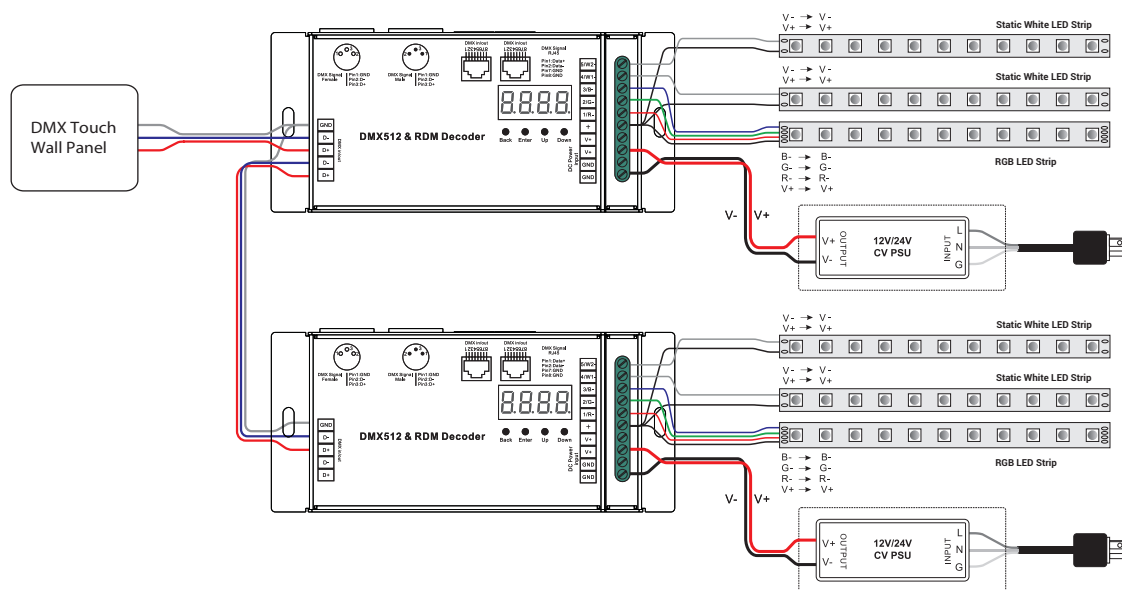
WIRING DIAGRAM : RGBTW



WIRING DIAGRAM : RGBW & STATIC WHITE

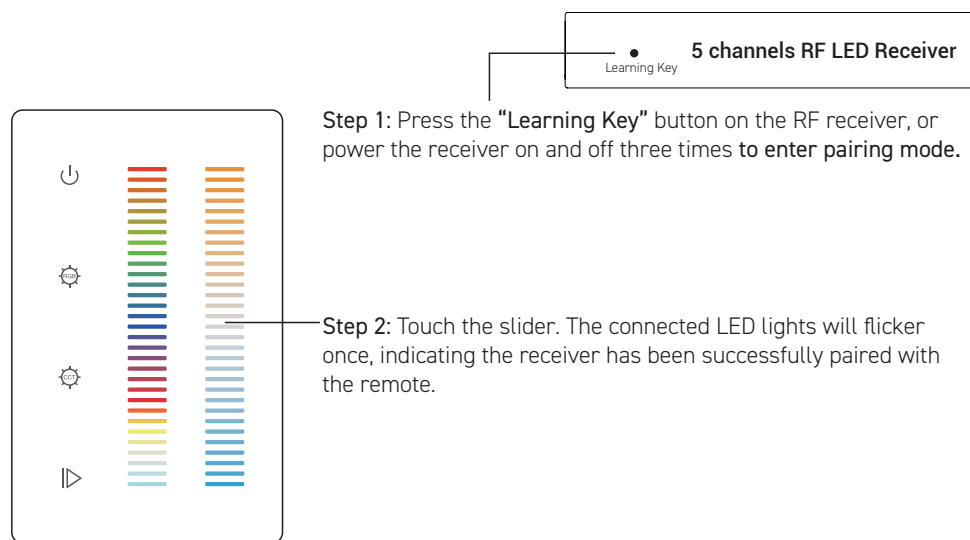


WIRING DIAGRAM: RGB + COOL WHITE & WARM WHITE

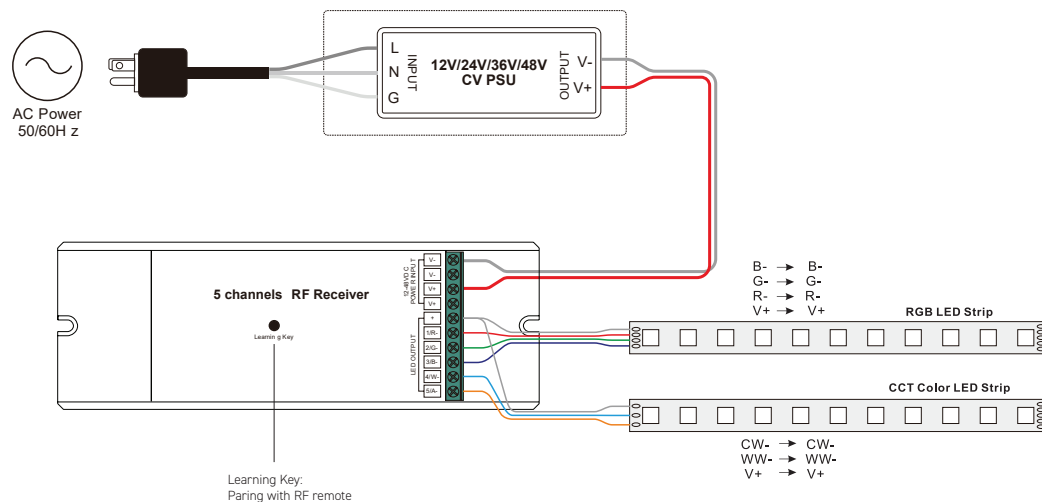


5-CHANNELS WIRELESS RGBTW RECEIVER SETUP

1. Wire the wall panel and RF receiver according to the wiring diagram (refer to the 5-Channels Wireless RGBTW Receiver instructions for pairing).
2. Power on, then touch the button  to turn on the controller. The controller indicator will turn blue.



5 CHANNELS RF RECEIVER WIRING DIAGRAM: TUNABLE WHITE & RGB



See DMX wiring diagrams for additional configurations.
Use this receiver wiring diagram as a guide.

TROUBLESHOOTING

Lights not responding to the controller?

1. Make sure that the blue indicator light is on by pressing the power button. An amber indicator light signals that the controller is off, but the blue indicator light will blink when you press down on any key on the controller.
2. Make sure that the DMX fixture is addressed properly. Remember, the zone will only work when the DMX decoder is addressed to the 001 address mentioned in the "Zone Setting" section of this datasheet.

Lights responding incorrectly?

1. Make sure that all wiring connections are correct per the wiring instructions mentioned above. Reversing the Data + and Data - wires can cause lights to flicker and not respond to the controller.
2. Check the power connections of all components (controller, fixtures, drivers, etc).
3. Check DMX data connections.
4. Check DMX fixture connections

SAFETY & WARNINGS

- This product should be installed and serviced by a qualified technician
- Alloy LED strongly recommends installing these in-wall controllers in a PVC or plastic junction box if they are intended to be used wirelessly
- Do not expose this unit to water. When installed outdoors, ensure it is mounted in a waterproof enclosure
- Always mount this unit in an area with proper ventilation to avoid overheating
- Never connect any cables while power is on
- Before switching power on, ensure connections are correct to avoid short circuits