

Thank you for purchasing our RGBW controller kit. This kit contains a remote and a driver. Our 6-group lighting remote can be programed to control 6 separate zones operating independently or as a group.



RGB 6 Zone Remote Functions

Size: 130*50*18mm

Controlling distance: $\leq 30\text{m}$

Memory Function

Independent warm white, day white, cold white colour

RGB / RGBW output selectable

Battery: 3*1.5V AAA battery (not included)

9 inbuilt dynamic modes

8-step speed/brightness

Radio frequency: 433MHZ, RF



Features (driver / controller)

- Over current protection
- Over Temperature Protection
- Short circuit protection

1. Functions

Remote indicator









(upper right): When the indicator is on every operation will function on the remote control.
To save battery life, the indicator will automatically turn off after 10 seconds of no use.

ON/OFF switch











Switches the remote on / off. The indicator is red when the switch is on.

Dynamic modes  9 built-in dynamic modes switch, mode sequence changes with each press of the "P" button. mode1-pause-mode2-pause-mode3...mode9-pause-mode1..... (Under RGBW 4-channel(default setting) output mode, colour sequence(R,G,B output terminal lighting) holding for 2 seconds each time:day white- cold white- warm white- day white)

White  Under RGB 3-channel output mode, pressing the  will change white from warm white to day white to cold white and back to warm white... (Under RGBW 4-channel (default setting) output mode,  is used to control 4th channel only. Hold the  2 seconds 4th channel ON, 2 seconds again 4th channel OFF, Brightness step sequence upon pressing  each time: step 8-step 1-step 2-step 3---Step 8)








Speed down/up   To increase and decrease the speed of colour changing in dynamic modes.


Brightness down/up   To increase or decrease the brightness in dynamic or static modes.

Zones       Create and control six separate lighting zones **Multiple slave drivers can be paired to the same zone.** In the same zone with multiple drivers one driver must be set as **Master** and others as **Slaves**. In this way all slaves will follow the command from the master to ensure each will run in sync in all dynamic modes.

2. Operations




Remote & Driver paring: For the first time or to change driver(s) zone, you have to ensure the remote and target driver(s) communicate normally. The driver(s) must be paired to the remote as a Master or a Slave (s).

Master / Slave definition: Press the paring button on the driver and the driver indicator will start flashing, At the same time press  (For example...if you wanted to pair to zone 2, (make sure the remote indicator is on) press any one of these buttons on the remote       When the driver indicator light goes off pairing has succeeded. This driver is now defined as **Master**. Only one Master can be set in each zone.











Press the paring button on the second driver and the driver indicator will start flashing. At the same time press  (For example...if you wanted to pair to zone 2, (make sure the remote indicator is on) Now touch the colour wheel and the driver indicator light goes off to show the pairing succeeded. This driver is defined as **Slave**.

Use the same method to pair more slaves to zone 2 and the same method to pair the drivers Master or slaves to other zones.


2.1 Operation on Multiple zones and Single zones

Press   (example: if you want to control zone 1 & 3 together (you can select all zones) make sure the remote indicator is on), touch colour wheel, the zone 1 & 3 lights turn on to the picked colour, hold  for 2 seconds for dynamic mode, all the drivers(including the masters & slaves in zone 1,3) will run dynamically and synchronously.

Repeat the same method to set up additional zones.

Press   to shift the colour-changing speed or   to dim up and down. The difference between multiple zone operation & single zone operation is that in single zone only one of the six zone buttons (1 to 6)       has to be selected. All other operations are the same as when in multiple zones.

2.2 Independent-Zone ON/OFF: To switch off an independent zone from other lighting zones, e.g. zone **1**, **2**, **3** is on, to switch off zone **1** lighting independently while keeping zone **2** and **3** on. Hold **1** for 2 seconds to switch it off, ONLY holding **1** 2 seconds again can switch zone **1** on.

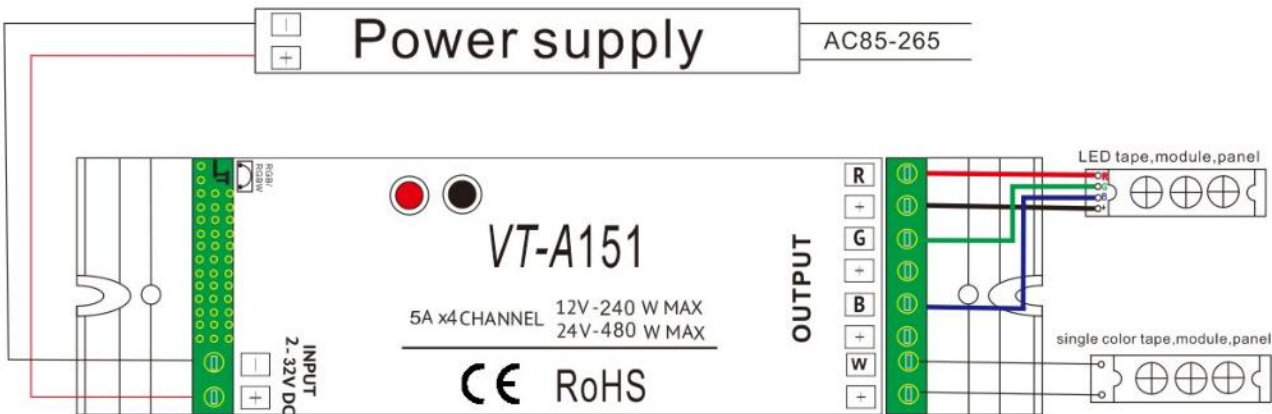
Note: Pressing Power Button  will not work to switch on zone **1** in this situation.

Memory: The driver will memorize the last setting from the remote when the remote is switched off.

Tip: When power suddenly goes off it can be switched on **ONLY by the remote**. When you re-power the driver on, the lighting connected will berestored to the default setting (white colour output).

Battery info: The remote indicator flashes 4 times in sequence and repeats this 3 times when youturn the remote on/off This indicates the batteries are low and should be replaced to restore proper function.

3. Connection Diagram



4. Troubleshooting

Symptoms	Causes	Solutions
Lights do not Turn On	+ & - on driver connection reversed	Change + & - on driver
	Remote is switched off	Turn on Remote
	Short circuit over-current/over-temperature protection (driver indicator is flicking quickly)	Correct the connection Wait for the driver to cool before powering it back on
Can't control	Batteries low or batteries not installed	Install or replace batteries
	No control from remote	Move within RF Controlling distance
	No pairing	Pair the remote and driver