

44-KEY INFRARED CONTROLLER FOR RGB LED TAPE USER GUIDE

Introduction:

RGB controller for LED strips, supplied with IR remote control for selecting the static colour and brightness or colour changing operating mode.

Features:

- Ideal for use in small applications
- 20 preset static colour modes
- 6 different colour changing modes of operation with speed control
- RGB manual colour adjust with 6 memory banks
- Adjustable brightness
- Supplied with small handheld IR remote
- IR remote controlled up to 10m (in line of sight)
- Mounting points for attachment to a wall or other surface

When connecting the LED tape to the controller ensure that the power track from the tape (Marked as + or Yellow) Connects to the Arrow on the connector.

Controller methods

Button layout with functions of the IR remote control

Brightness Rise (+)	Brightness Drop (-)	Pause/RUN	ON/OFF
Static Red	Static Green	Static Blue	Static White
Static Orange	Static Pea Green	Static Deep Blue	Static Warm White
Static Deep Yellow	Static Cyan	Static Deep Purple	Static Pink/White
Static Yellow	Static Light Blue	Static Purple	Static Mint Green
Static Straw Yellow	Static Sky Blue	Static Magenta	Static Cool Blue
Increase RED	Increase GREEN	Increase BLUE	Increase colour changing speed
Decrease RED	Decrease GREEN	Decrease BLUE	Decrease colour changing speed
DIY BANK 1	DIY BANK 2	DIY BANK 3	Auto colour change
DIY BANK 4	DIY BANK 5	DIY BANK 6	Flash on/off
3 Colour quick change	7 Colour jumping change	3 Colour fade change	7 Colour fade change

DIY Function: You can use the DIY function to manually set a colour not in the preset memory. Simply press the DIY BANK button you want and set the colour using the INCREASE / DECREASE RED, GREEN and BLUE colour buttons. Once you have the colour you want press the same DIY BANK button again to save. You can save up to 6 different colours.

Specifications:

Power:	12Vdc
Power connection:	2.1mm dc
Max current per channel:	3 x 2 amps
Battery for remote:	1 x CR2025
Dimensions (remote):	125 x 55 x 8mm
Dimensions (controller):	35 x 50 x 25mm
Weight (remote):	33g
Weight (controller):	30g