



WISE DIGITAL BOX

LED PIXEL STRIP CONTROL

*The Electrician's Easy Solution,
for Digital Lighting Control*



Transform Lighting into an Experience

The Wise Digital Box is a sleek, powerful radio-controlled unit designed to bring digital RGB LED strip lighting to life – with smooth, customisable effects and total wireless freedom. Whether you're enhancing a home interior, illuminating a commercial space, or creating show-stopping displays, the Wise Digital Box gives you smart, effortless control over your lighting.

Contents

Specification 1

Complimentary Products 2

Programming

Static Colours 3

Digital Effects 7 Button 5

Digital Effects 4 button 7

Digital Effect Directory 11

The Wise Digital Box offers a versatile and user-friendly programming system, ideal for dynamic lighting control in a wide range of environments. Using Wise wireless keypads or remotes, users can quickly assign, customise, and control digital lighting functions with ease. The receiver supports two independent loads, with the ability to control each separately or together.

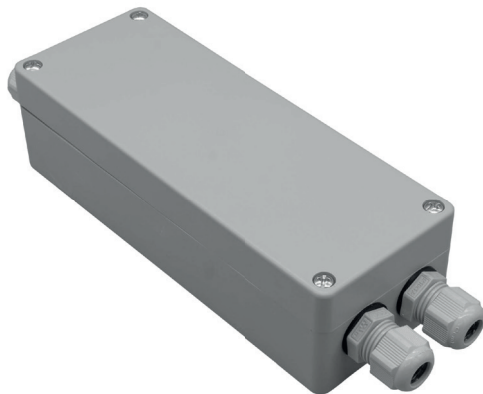
- **Wireless Control**
- **87 Built-in Lighting Effects**
- **Static Colour Control**
- **Light Memory Function**
- **Independent or Synchronous Outputs**
- **Adjustable Intensity & Speed**
- **Pairs with up to 27 Transmitters**

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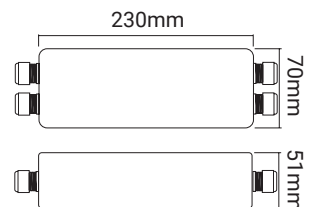
Specification

Wise Digital Pixel Box

Product Code : WISE DIGITAL BOX



IP Rating	IP54
Input Voltage	5,12 or 24V
Max Wattage 5V	100W
Max Wattage 12V	240W
Max Wattage 24V	480W
Radio Frequency	868.3 MHz
Outputs	2
Max Length Tape	5m
Max Transmitters	27

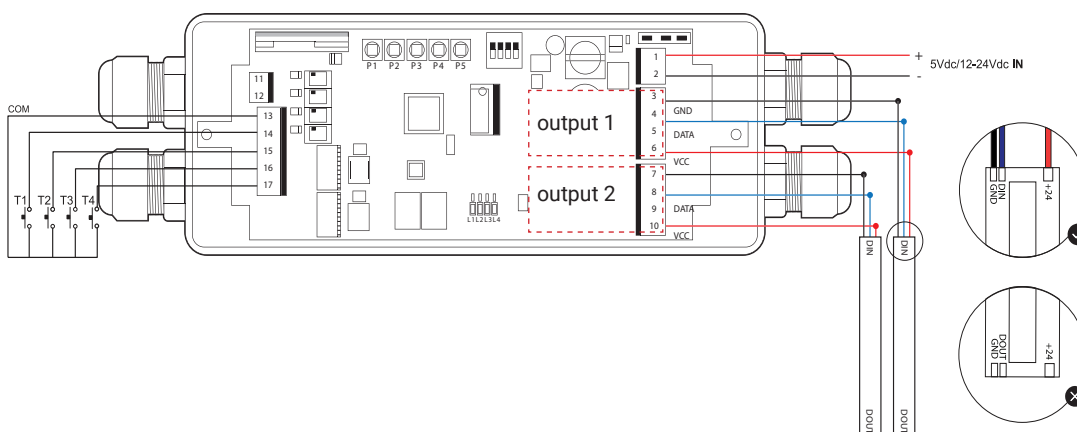


The Wise Digital Box is a controller with an integrated radio receiver for managing digital RGB LEDs . It is ideal for home, business or outdoor installations, featuring an IP54-rated enclosure.

Key Features:

- Independent or synchronised output control
- When paired with a 7-channel wireless transmitter, up to 87 pre-set dynamic effects can be recalled
- Alternatively, up to 4 custom dynamic effects can be pre-set via a 7-channel transmitter
- Light memory function retains the last active effect after power-off
- Adjustable colour intensity and effect speed
- Supports the registration of up to 27 transmitters
- Outputs: 2
- Compatible chip types: UCS X903 / SK6813

Wiring Diagram - Wise Digital Box & LED Pixel Strip



WISE DIGITAL BOX

Complementary Products

Digital Pixel LED Tape



True Seamless Tape Light
IP20 5M 75W 24V

Product Code : TAPECOB DIGIT20



True Seamless Tape Light
IP67 5M 75W 24V

Product Code : TAPECOB DIGIT67

Wise Keypads & Remotes



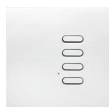
Wise Intense Switch 7 Channel
White 3V

Product Code : WISE INTENSE7 WH



Wise Pod Remote 7 Channel
White 3V

Product Code : WISEPOD7 WHT



Wise Intense Switch 4 Channel
White 3V

Product Code : WISE INTENSE4 WH



Wise Evo Colour Wheel Remote
3 x 7 Channel White

Product Code : WISEWHEEL21 RGB

Wise Wifi Interface



Wise Wi-Fi Smart Interface for iPhone/Android

Product Code : WISEWIFI DAISY

LED Drivers

Please note : The LED Driver must match the voltage of the Digital LED Strip used.



LED Driver (Constant Voltage)
150W 24V Parallel

Product Code : HLG150/12V IP65



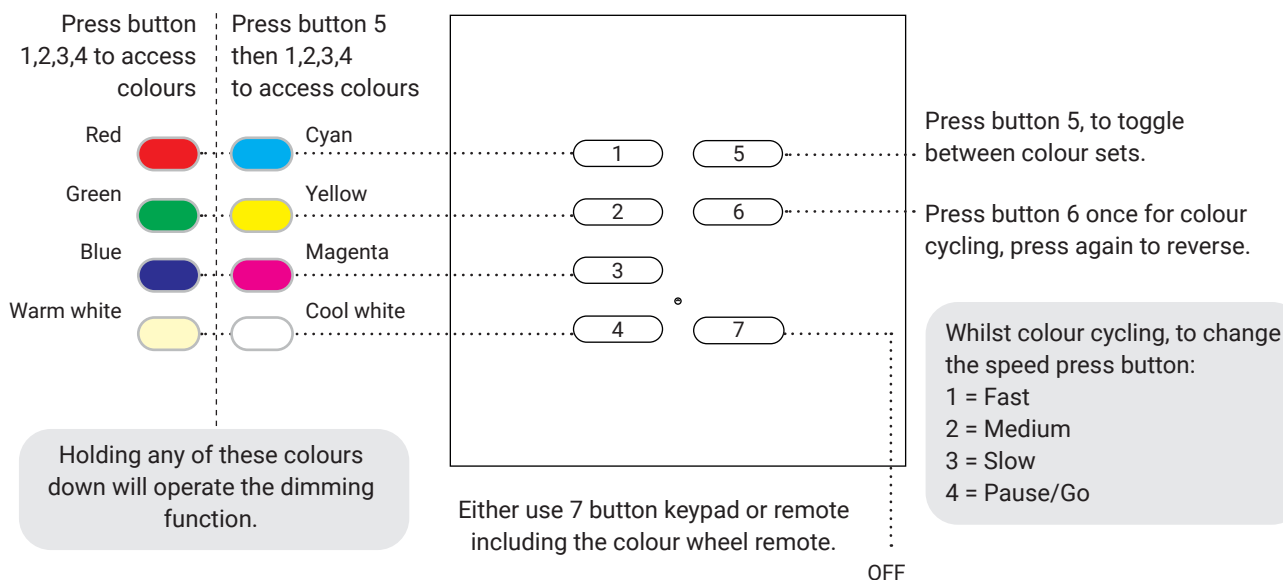
LED Driver (Constant Voltage)
150W 12V Parallel

Product Code : HLG150H24A IP65

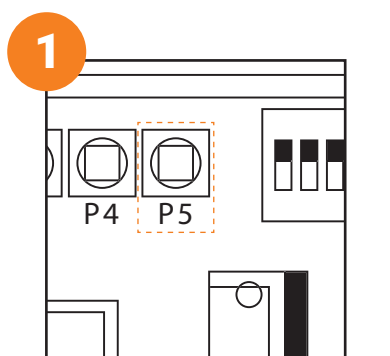
WISE DIGITAL BOX

Programming

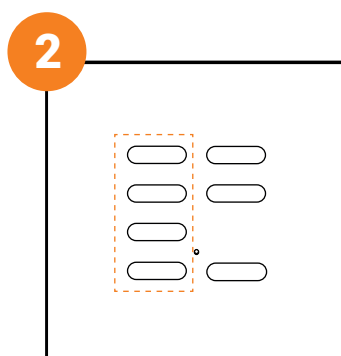
Option A - Static RGB Colours



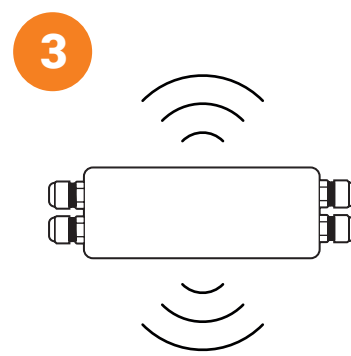
Option A1 - Programming Static Colour to 7 Button Keypad or Remote



Press the P5 button three times, holding on the third press.

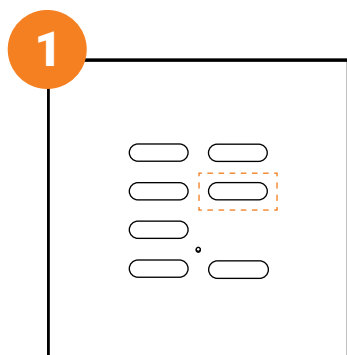


Press a switch button on keypad or remote.

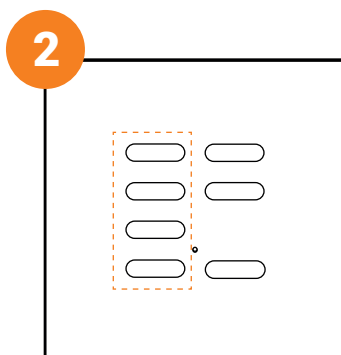


Once programmed you will hear a confirmation beep.

Option A2 - Reprogramming the Preset Colours



1 Press button P6, holding for 4 seconds and release after the second turning on of the lights.



2 Choose the preset colour you wish to replace holding down for 3 seconds.

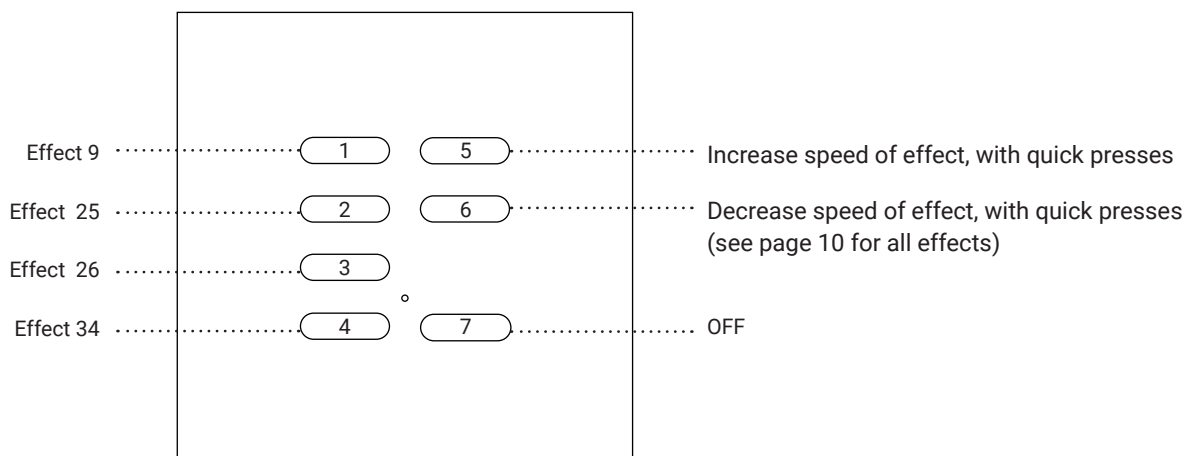


3 The lights will flash when programming is successfully completed.

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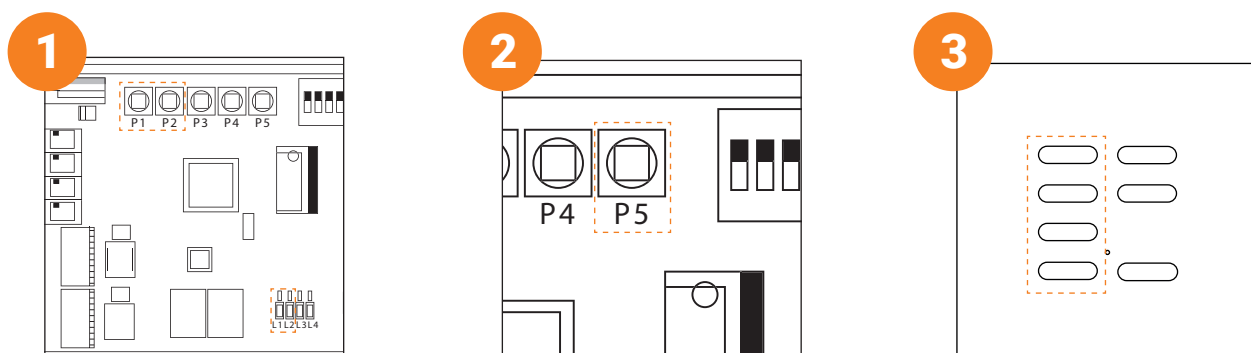
Programming

Option B - Digital Effects, 7 Button Keypad or Remote



The 4-button transmitter is pre-set with digital effects, which can be customised.

Option B1 - Programming Digital Effects to 7 Button Keypad or Remote



To select the output press P1 once for output 1, twice for output 2, or 3 times for both outputs.

L1 light on = Output 1

L2 light on = Output 2

L1 and L2 light on = Output 1 & 2

Hold down the P5 button three times, holding on the third press.

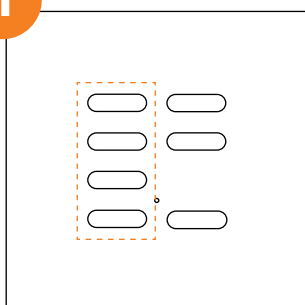
Press a switch button on keypad or remote.

WISE DIGITAL BOX

Programming

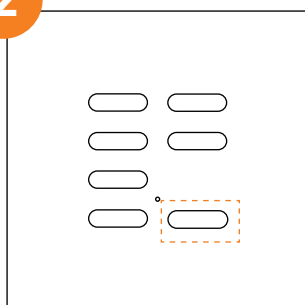
Option B2 - Changing the Pre-set Digital Effects

1



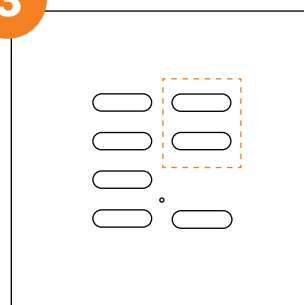
Press one of the 4 buttons which has the digital game pre-set you wish to change.

2



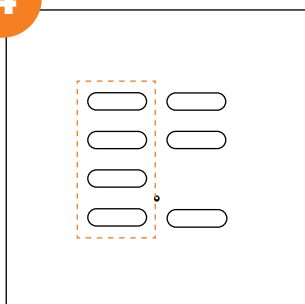
Hold down button 7 for 3 seconds (Indicated by a beep and flash).

3



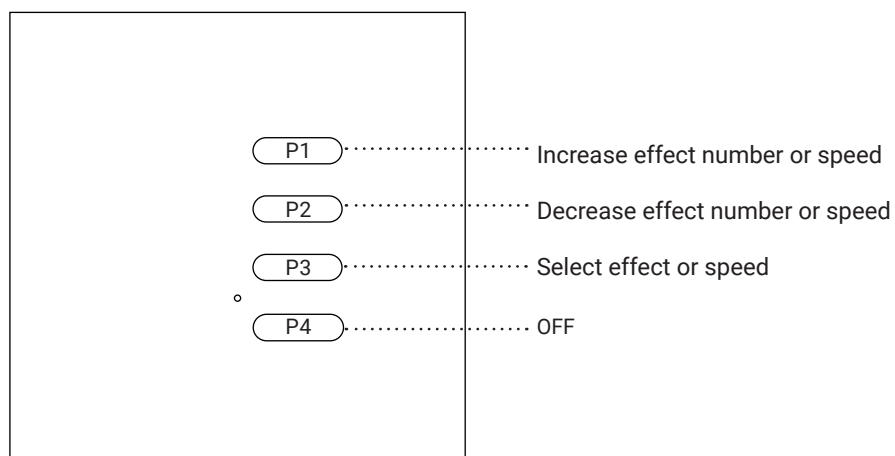
Use buttons 5 and 6 to toggle through the 87 available effects.

4



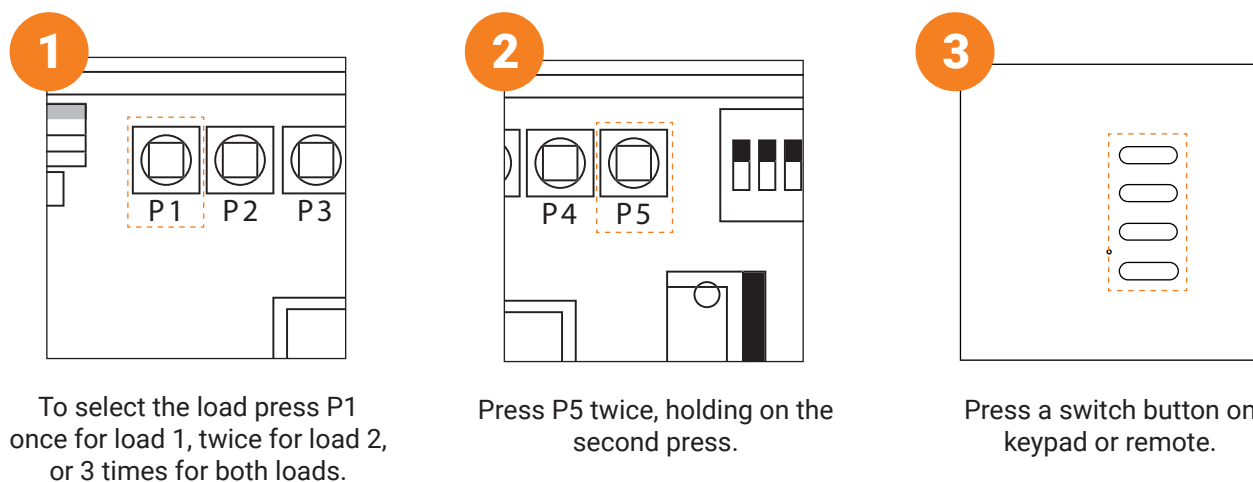
When happy with the effect, hold down the selected button until you hear a beep.

Option C - Digital Effects, 4 Button Keypad



The 4-button transmitter is pre-set with digital effect 9, which can be customised.

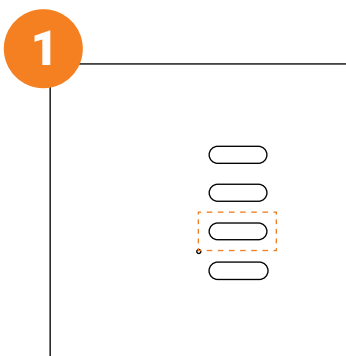
Option C1 - Programming Digital Effects to 4 Button Keypad



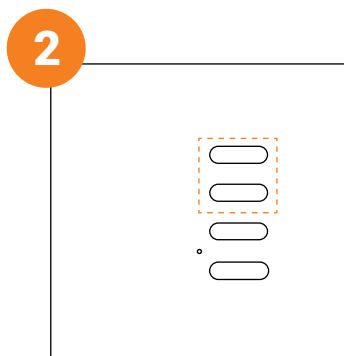
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Programming

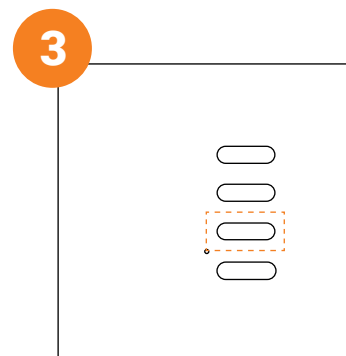
Option C2 - Changing the Pre-set Digital Effects



To change the digital game element press button number 3 until you hear a long beep.



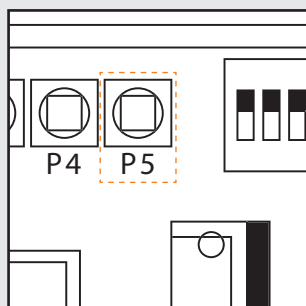
Press button 1 and 2 to toggle up and down through effects.



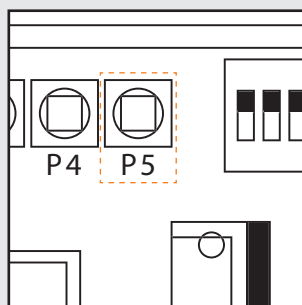
To confirm selection press button 3.

Option D - Deleting Programming

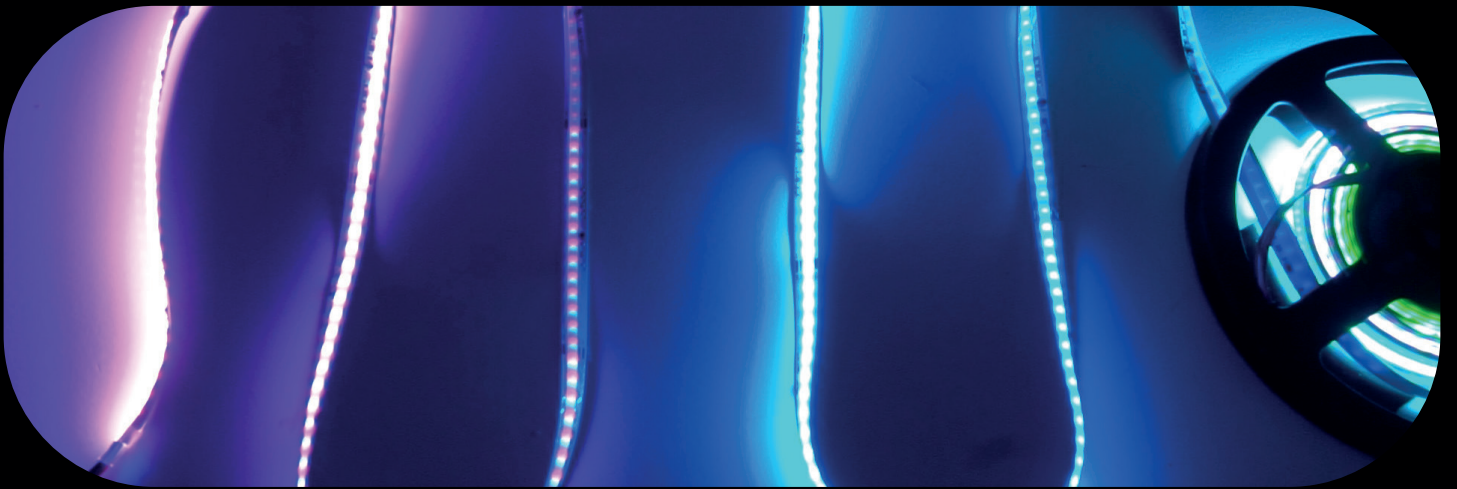
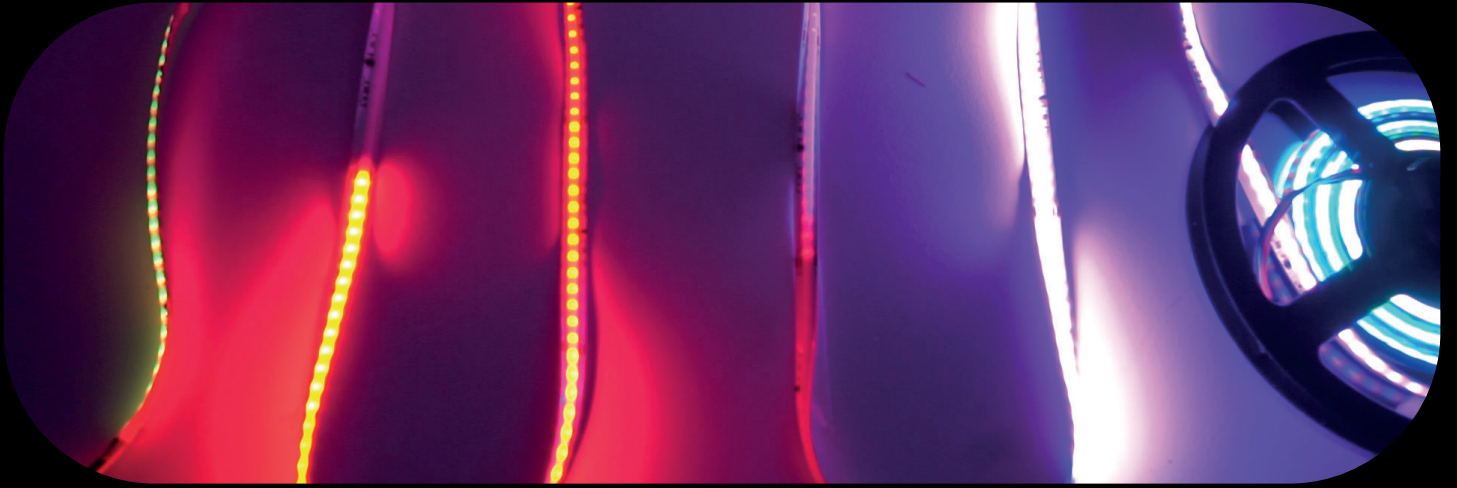
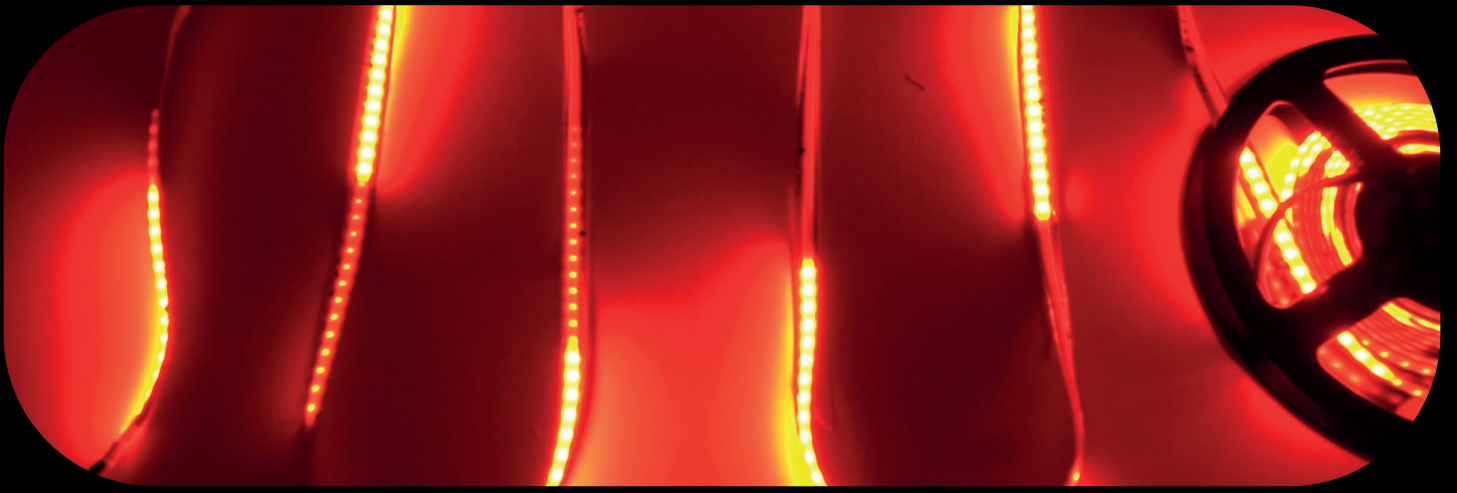
D1 Deleting single button

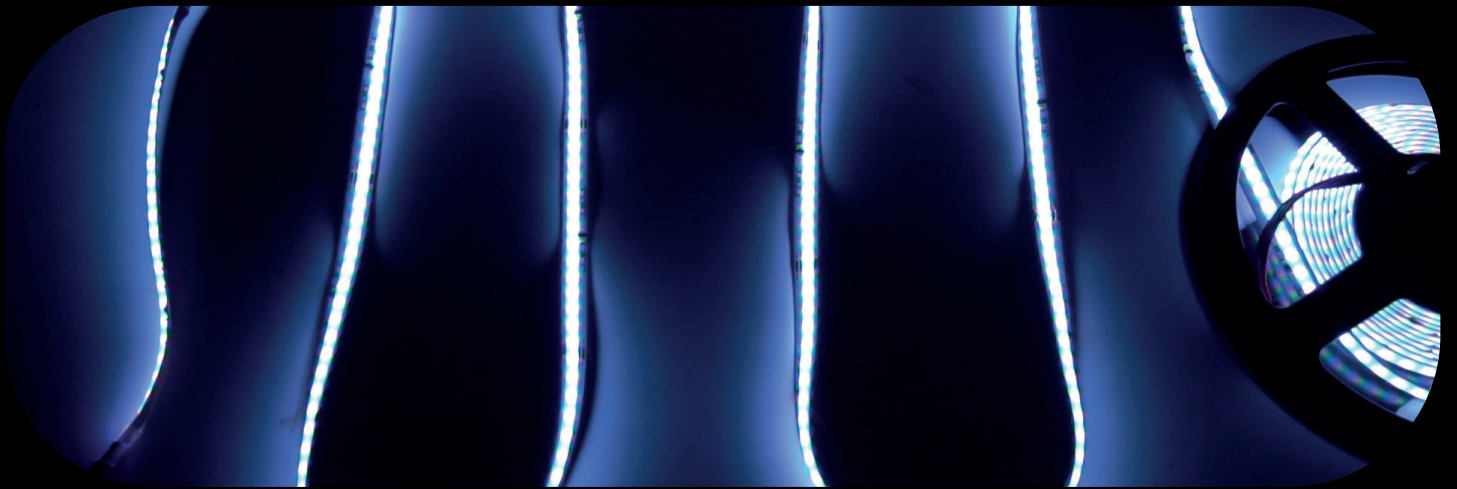
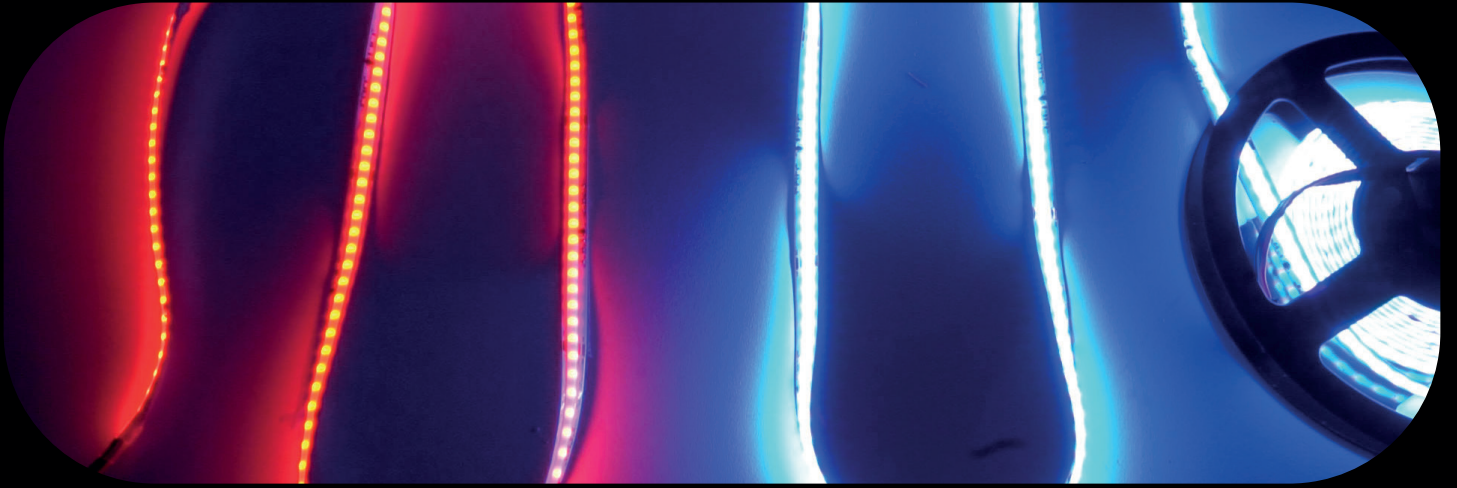
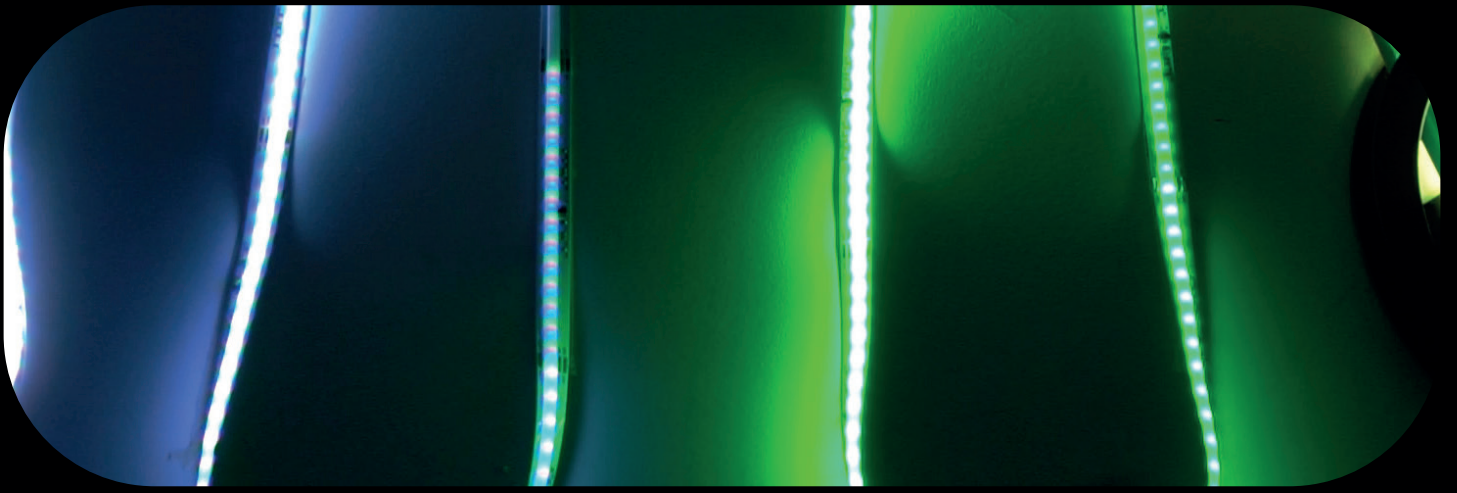


D2 Deleting all programming



Hold down for 10 seconds, or until the rapid beeping sound changes to a continuous tone.





No.	Digital Effect	No.	Digital Effect
1	Static red	45	Red water trail to right direction
2	Static green	46	Purple water trail to right direction
3	Static blue	47	Blue water trail to right direction
4	Static yellow	48	Cyan water trail to right direction
5	Static cyan	49	White water trail to right direction
6	Static purple	50	Green water trail to right direction
7	Static white	51	Yellow water trail to right direction
8	Three colour jumpy change	52	Seven colour queue water trail to right direction
9	Red horse race lamp to right direction	53	Seven colour alternation water trail to right direction
10	Purple horse race lamp to left direction	54	Red trail to left double direction
11	Blue horse race lamp to right direction	55	Purple trail to left double direction
12	Cyan horse race lamp to left direction	56	Blue trail to left double direction
13	Seven colour cycling horse race lamp to right direction	57	Cyan trail to left double direction
14	Seven colour cycling horse race lamp to left direction	58	White trail to left double direction
15	Seven colour horse race lamp back-for-ward direction	59	Green trail to left double direction
16	Seven colour gradually change	60	Yellow trail to left double direction
17	Green background scan lamp back-for-ward direction	61	Seven colour queue trail to left double direction
18	Red water move to right direction	62	Seven colour alternation trail to left double direction
19	Green water move to right direction	63	Full colour waves to right direction
20	Blue water move to right direction	64	Seven colour water move to left direction
21	Yellow water move to right direction	65	Purple background trail to right double direction
22	Cyan water move to right direction	66	Blue background trail to right double direction
23	Purple water move to right direction	67	White background trail to right double direction
24	White water move to right direction	68	Cyan background trail to right double direction
25	Seven colour cycling water move to right direction	69	Green background trail to right double direction
26	Seven colour breathing lamp back-for-ward direction	70	Yellow background trail to right double direction
27	Red trail to left single direction	71	Seven colour background trail to right double direction
28	Purple trail to left single direction	72	Seven colour breathing from the middle to both sides
29	Blue trail to left single direction	73	Seven colour draw curtain
30	Cyan trail to left single direction	74	Seven colour lower curtain
31	White trail to left single direction	75	Seven colour spread from both sides to the middle
32	Green trail to left single direction	76	Colourful switch
33	Yellow trail to left single direction	77	Seven colour overlay from middle to both sides
34	Seven colour queue trail to left single direction	78	Sub seven colour spread to single direction
35	Seven colour alternation trail to left single direction	79	Seven colour overlay from both sides to middle
36	Red trail to right single direction	80	Seven colour background overlay both sides to middle
37	Purple trail to right single direction	81	Sub seven colour move back-for-ward direction
38	Blue trail to right single direction	82	Sub seven colour background move back-for-ward
39	Cyan trail to right single direction	83	Sub seven colour background move single direction
40	White trail to right single direction	84	Sub seven colour spread to single direction
41	Green trail to right single direction	85	Sub seven colour spread back-for-ward
42	Yellow trail to right single direction	86	Sub seven colour water move to left and right
43	Seven colour queue trail to right single direction	87	Sub seven colour stretch to single direction
44	Seven colour alternation trail to right single direction		



Head Office / Showroom / Trade Counter
19-23 Lydden Road, Wandsworth,
London, SW18 4LT

Showroom / Trade Counter
82-84 New Kings Road, Fulham,
London, SW6 4LU

020 8874 2234 info@mr-resistor.co.uk

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