

QUIK STRIP SPI RGB/RGBW 1 ZONE LED RF REMOTE

Code: QS-PIXREM

CE RoHS  RED

Quik strip



Features

- RGB or RGBW LED Controller.
- Each remote can match with more than one receiver.
- CR2032 battery powered (battery included).
- Operates with LED indicator light.

Technical Parameters

Input and Output

Output signal RF [2.4GHz]

Working voltage 3VDC (CR2032)

Working current <5mA

Standby current <2µA

Standby time 1 year

Remote distance 30m (Barrier-free space)

Warranty and Protection

Warranty 5 years

Environment

Operation temperature TA: -30°C ~ +55°C

Case temperature [Max] Tc: +65°C

IP Rating IP20

Safety and EMC

EMC standard (EMC) ETSI EN 301 489-1 V2.2.3
ETSI EN 301 489-17 V3.2.4

Safety standard EN 62368-1:2020+A11:2020

Radio Equipment (RED) ETSI EN 300 328 V2.2.2

Certification CE, EMC, RED

Key Functionality

Remove battery barrier before operation.

Mode+/-: 10 default modes on remote, an additional 32 dynamic modes when paired with QS-PIXCON. Short press "mode" to switch modes. Long press for 2s to run mode cycle.

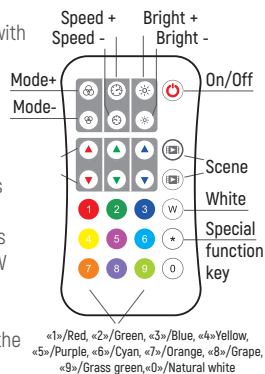
Speed+/-: Adjust dynamic mode speed, short press up to 10 times, long press 2s get the fastest / slowest speed.

Bright+/-: Adjust brightness, short press up to 10 times, long press 1-6s for continuous 256 levels adjustment.

R/G/B+/-: Adjust R/G/B brightness respectively, short press up to 10 times, long press 1-6s for continuous 256 levels adjustment to achieve millions of colours.

White: Adjust white colour, for RGB light, short press on/off white(RGB mix), long press 1-6s to adjust saturation continuously. For RGBW light, pressing the W key will adjust W channel brightness. Short press to turn the W channel on/off. Long press for 1-6s to adjust W channel brightness continuously.

Scene: Short press to recall the scene, long press for 2s save the current colour into the scene. The LED indicator will light up longer to indicate successful save.



Configure QS-PIXREM with QS-PIXCON & QS-PIXELCOB STRIP

QS-PIXELCOB strip has:

- IC type WS2811
- RGB ORDER: GBR
- Pixel number: 20/m (every cut-point is a pixel)

Step 1: Set LED Strip Pixel Length on QS-PIXREM

QS-PIXELCOB strip has 20 pixels/m - every cut-point counts as one pixel. To set the pixel length, calculate how many pixels are on your strip.

For QS-PIXELCOB to set LED Chip type you would type:

number of pixels [3 digits]

e.g, for 1m of strip, 20 pixels so enter: *020*

for 3m of strip, 60 pixels so enter: *060*

for 5m of strip, 100 pixels so enter: *100*

Note: Each controller can control a maximum of 1024 pixels.

Step 2: Set LED Chip type:

QS-PIXELCOB IC type WS2811.

Set LED strip chip type. * + 2 number + *

11: TM1803

12: TM1809, TM1804, TM1812, UCS1903, UCS1909, UCS1912, SK6813, UCS2903, UCS2909, UCS2912, WS2811, WS2812, WS2813, WS2815, SM16703P

13: TM1829

14: TLS3001, TLS3002

15: GW6205

16: MBI6120

17: TM1814B (RGBW)

18: SK6812 (RGBW), WS2813 (RGBW), WS2814 (RGBW)

19: UCS8904B (RGBW)

21: LPD6803, LPD1101, D705, UCS6909, UCS6912

22: LPD8803, LPD8806

23: WS2801, WS2803

24: P9813

25: SK9822

31: TM1914A

32: GS8206, GS8208

33: UCS2904

34: SM16804

35: SM16825

36: SM16714 (RGBW)

37: UCS5603

38: UCS2603

39: SM16714D

For QS-PIXELCOB to set LED Chip type you would type: *12*

Step 3: Set RGB order.

QS-PIXCON has by default been set to work with QS-PIXELCOB RGB order of GBR. This step is only necessary if the default settings have been changed

Set LED strip RGB order. * + 1 number + *

1 : RGB, *2* : RBG, *3* : GRB, *4* : GBR, *5* : BRG, *6* : BGR.

For QS-PIXEL COB to set RGB order you would type: *4*

Pair Remote Control (QS-PIXREM) with Controller

Two available methods:

Use the controller's Match key

To Pair:

Press the match key followed by the the on/off key. A quick flashing LED indicator means the pairing is successful.

To Unpair:

Long press the match key on the controller for 5s. A quick flashing LED indicator means the unpairing is successful.

Use power restart

To Pair:

Turn the controller on and off. Repeat. The quickly press the on/off key on the remote 3 times. 3 flashes on the LED indicator means the pairing is successful.

To Unpair:

Turn the controller off and the on. Short press the on/off key 5 times immediately after power on. When the LED indicator flashes 5 times it means the unpairing is successful.