VALO Controller

ML-2819S

Product Information

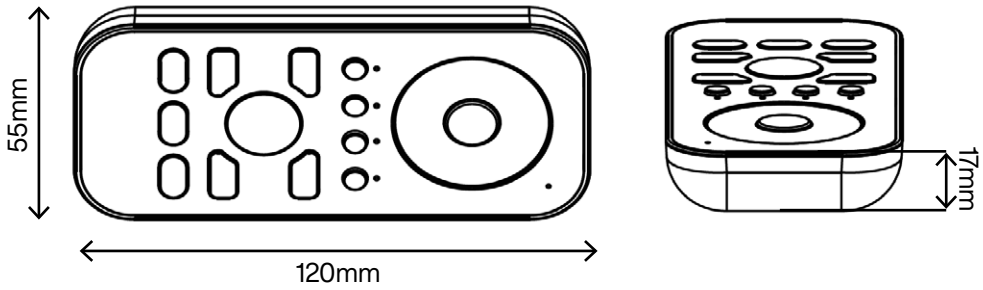
The ML-2819S RGBW remote controller features 4 different zones and 2 quick brightness control buttons.It can save up to 3 colours or 3 modes into the corresponding buttons (S1, S2, S3) for each zone. The colour can be easily selected through the Colour Wheel, designed for easy finger control. Additional option to set the system as RGB 3-channel or RGBW 4-channel output.

3 year warranty

TECHNICAL INFORMATION

	ML-2819S
Colour Control	RGB | RGBW | Dimming
Operation Voltage	4.5 VDC
Operation Frequency	434MHz
Dimensions	L 48mm x W 140 x H 16mm
Remarks	3x AAA (1.5V) Batteries, RF Wireless control
Warranty	3 years

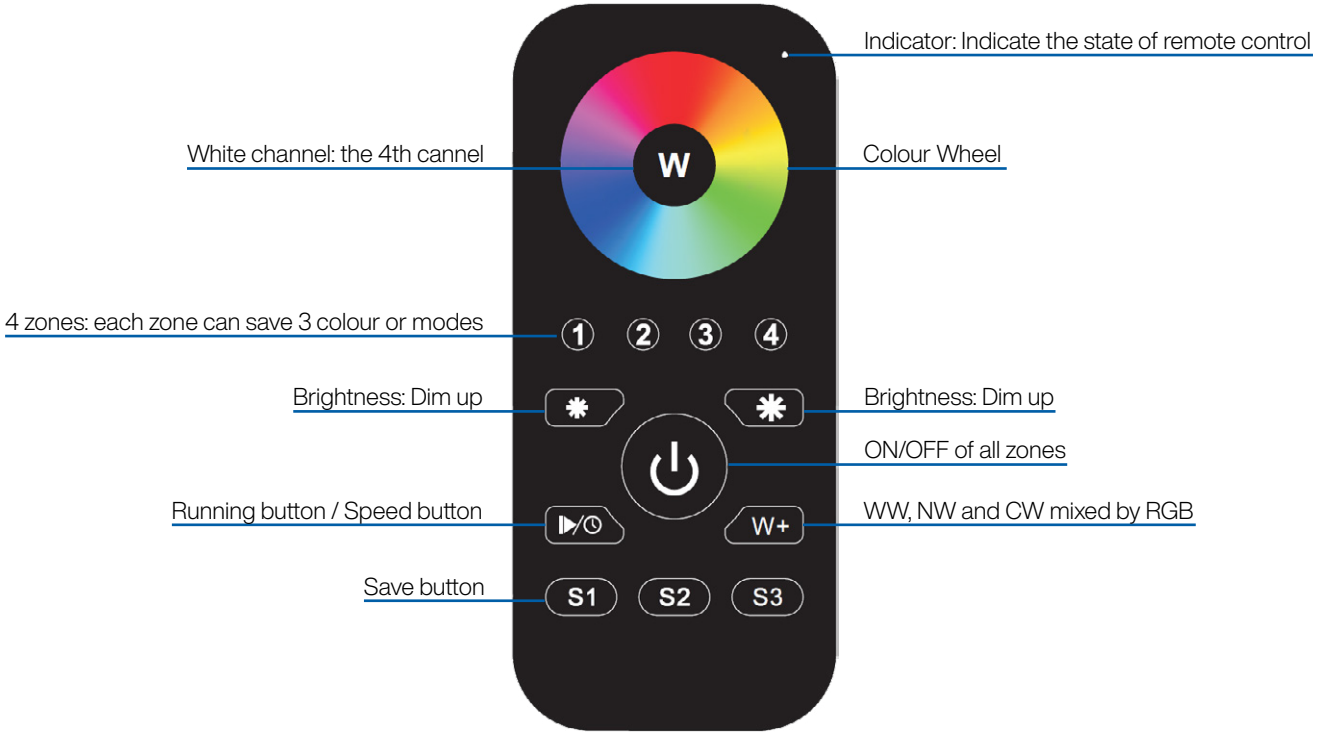
PRODUCT DIMENSIONS



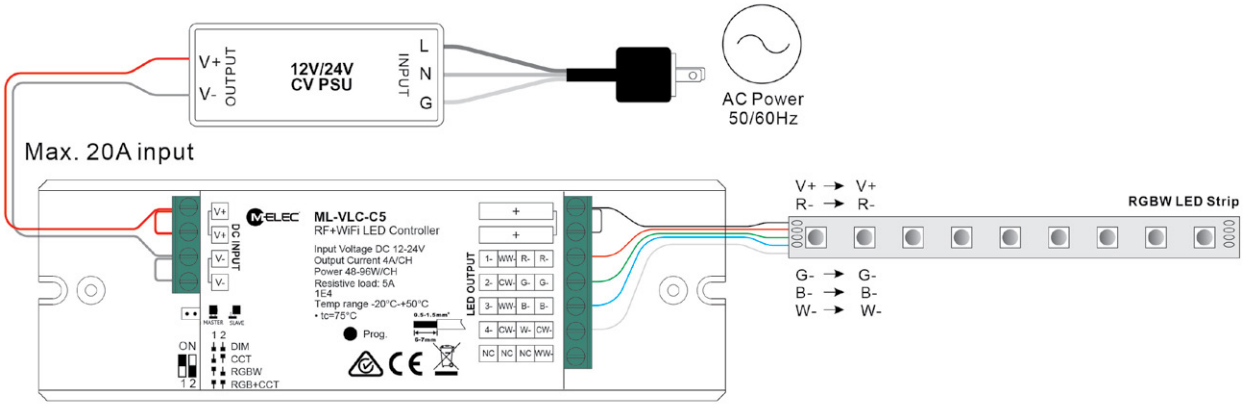
RECEIVER - PURCHASED SEPARATELY

	ML-VLC-C5
Colour Control	CCT | RGBW | RGB+CCT | Dimming
Input Voltage	12-24VDC
Output Current	5 x 4A
Output Power	5 x 48-96W
Output Type	12-24V constant voltage output
Operating Temperature	-20°C to +50°C
Dimensions	L 145m x W 46.5mm x H 16mm
Warranty	7 years

BUTTON GUIDE



WIRING DIAGRAM - ML-VLC-C5



OPERATION

1. **LEARNING (MATCHING)**
   - A. Connect the ML-VLC-C5 according to the wiring diagram.
   - B. Power on the ML-2819S by pressing the ON/OFF button
   - C. Short press “Prog.” key on the ML-VLC-C5 3 times (or reset power 3 times) to set it to RF pairing mode.
   - D. Touch any zone button on the remote control.
   - E. Then touch the color wheel
   - F. The LED lights connected to the ML-VLC-C5 will blink to show successful pairing

2. **COLOUR WHEEL**
   Choose desired zone number ❶ ❷ ❸ ❹ (for example ❶ and ❸), then touch the color wheel to choose the desired color required, the desired zones will indicate to the corresponding color as set.

OPERATION

3. BRIGHTNESS UP AND DOWN BUTTON

To control the brightness of the RGB channels press the following buttons:

A. Press , the corresponding RGB channel will dim down.
B. Press , the corresponding RGB channel will dim up.
C. Long Press W channel button to dim the W channel

4. RUNNING MODE AND SPEED BUTTON

A. Short press , mode will run. Press it once, it runs one mode. Press button again, it stops, the press one more time it will enter the next mode. There are a total 10 built-in modes.
B. Long press when mode is running, first long press will speed up the color moving, long press to speed down the color moving.

5. W+ BUTTON

A. RGB channel wil mix to three different white colors: warm white, neutral white, cool white by short pressing the W+ button. For example: first press --- warm white --- neutral white --- cool white, fourth press warm white....
B. Fast click twice W+ to switch off RGB channel.

6. SAVE AND RECALL BUTTON

A. Save color

- Select zones from ❶❷❸❹
- Select color from the color wheel button
- Long press one save button from S1, S2, S3 for 2 - 3 seconds
- LED light will flash twice to indicate successful color save.

B. Save running mode

- Select zones from ❶❷❸❹
- Select a moving mode from
- Long press one save button from S1, S2, S3 for 2-3 seconds.
- LED light will flash twice to indicate successful color save

C. Recall

- Select zone button which to recall from 1 -4, then short press save button S1, S2, S3.

Delete pairing to RF recevier (ML-VLC-C5)

Press and hold the “Prog.” button for over 3 seconds until the connected LED lights blink, this means the pairing is deleted successfully.

PLEASE NOTE

MUST BE INSTALLED BY A LICENSED ELECTRICIAN

- Read instructions carefully before attempting to install the fitting. Retain this guide for future reference
- Disconnect power before installing or servicing
- This fitting is for indoor use and should not be used in areas with limited ventilation or high ambient temperatures
- All components must not be mechanically stressed
- Be careful not to damage or destroy conductive paths on the circuit board
- Follow all relevant electrical and safety standards (including AS3000)
- Correct electrical polarity must be observed as the wrong polarity may destroy the product and is not covered under warranty
- Damage by corrosion will not be honoured as a material defect claim. It is the user’s responsibility to provide suitable protection against corrosive agents such as moisture, condensation and other harmful elements

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Version 2