ROBUS®
QUALITY PRODUCTS BY LED GROUP

INSTRUCTION MANUAL

VEGAS 4 ZONES, RF REMOTE CONTROL FOR SINGLE COLOUR, RGB AND RGBW LED FLEXI STRIPS

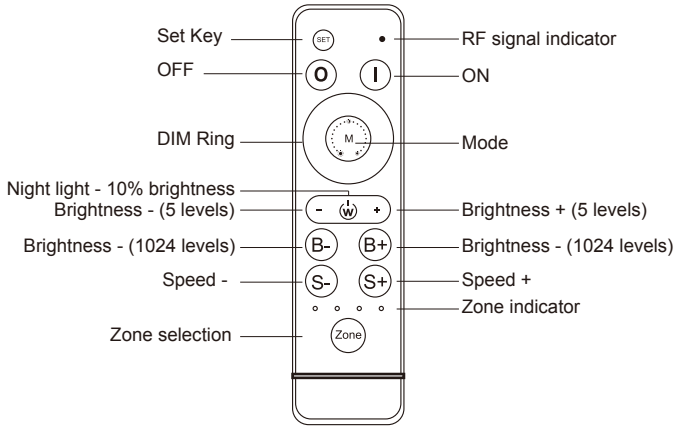
RVA4Z-RC

PLEASE READ INSTRUCTION BEFORE COMMENCING INSTALLATION AND RETAIN FOR FUTURE REFERENCES.
! Electrical products can cause death or injury, or damage to property. If in any doubt about the installation or use of this product, consult a competent electrician

Note:
Product technical information and specification may change over time without prior notification. For the latest technical information please visit our web site www.robus.com or robusdirect.com

-20°C < Ta < +40°C, Battery: DC3V (AAA*2), Remote Control Distance: 20m

Type 1: Control the single colour LED strip



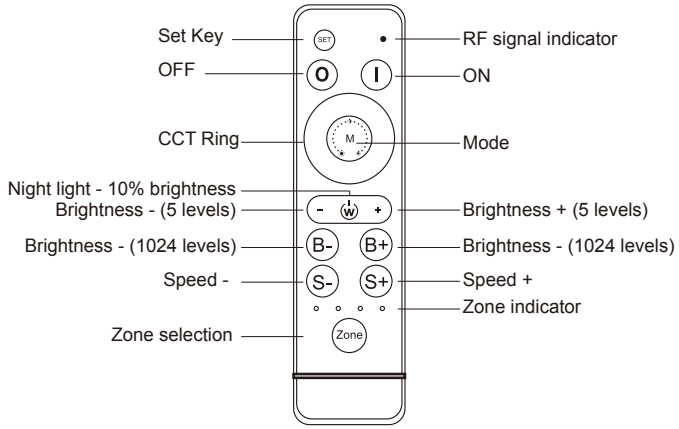
Name	Description
SET	Non function
I	Turn on
O	Turn off
DIM ring	Dim down brightness along with clockwise direction
M	2 modes in total : flash and fade
W	Night light hot key: 10% brightness
-	Brightness – by 5 levels (10%, 30%, 50%, 70%, 100%).
+	Brightness + by 5 levels (10%, 30%, 50%, 70%, 100%).
B-	Brightness – by 1024 levels. Long-press can get fast adjusting.
B+	Brightness + by 1024 levels. Long-press can get fast adjusting.
S-	Speed down for dynamic mode (100 levels). hold on the key to get fast adjusting.
S+	Speed up for dynamic mode (100 levels). hold on the key to get fast adjusting.
Zone	Zone selection, hold on the key in 2 seconds to get “all-control”

The Installation must be carried out by a qualified electrician

PLEASE READ INSTRUCTION BEFORE COMMENCING INSTALLATION AND RETAIN FOR FUTURE REFERENCES.
! Electrical products can cause death or injury, or damage to property. If in any doubt about the installation or use of this product, consult a competent electrician

Note:
Product technical information and specification may change over time without prior notification. For the latest technical information please visit our web site www.robus.com or robusdirect.com

Type 2: Control the LED strip of CW + WW



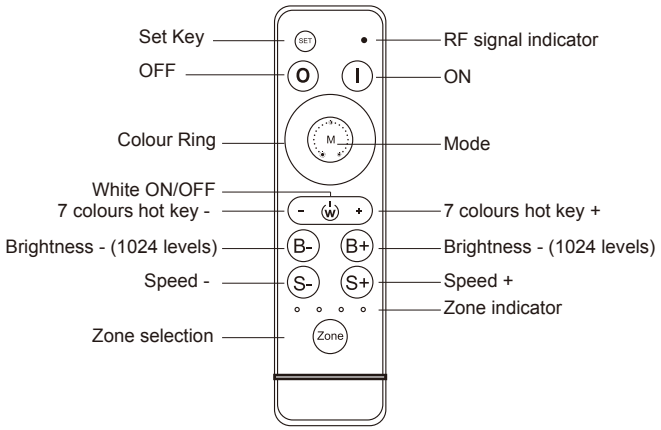
Name	Description
SET	Non function
I	Turn on
O	Turn off
CCT ring	Tunable LED CCT between 100% CW and 100% WW
M	4 modes in total: all flash, 2 color flash, all fade, 2 color fade.
W	Night light hot key: 10% brightness
-	Brightness – by 5 levels (10%, 30%, 50%, 70%, 100%).
+	Brightness + by 5 levels (10%, 30%, 50%, 70%, 100%).
B-	Brightness – by 1024 levels. Long-press can get fast adjusting.
B+	Brightness + by 1024 levels. Long-press can get fast adjusting.
S-	Speed down for dynamic mode (100 levels). hold on the key to get fast adjusting.
S+	Speed up for dynamic mode (100 levels). hold on the key to get fast adjusting.
Zone	Zone selection, hold on the key in 2 seconds to get “all-control”

The Installation must be carried out by a qualified electrician

LED Group Australasia
9/210 Queensport Road North
Murarrie
QLD 4172
Australia

Tel: 07 3890 5444
Fax: 07 3890 4777
Email: purchases@robus.com.au
Website: www.robus.com.au

Type 3: Control the RGB LED strip



Name	Description
SET	Non function
I	Turn on
O	Turn off
Colour ring	Static colour options, 64 colours in total
M	Dynamic modes, 8 modes in total
W	White on/off hot key
-	6 static colours (cyan, purple, yellow, blue, green, red)
+	6 static colours (red, green, blue, yellow, purple, cyan)
B-	Brightness – for static colours by 1024 levels. Long-press can get fast adjusting.
B+	Brightness + for static colours by 1024 levels. Long-press can get fast adjusting.
S-	Speed down for dynamic mode (100 levels). hold on the key to get fast adjusting.
S+	Speed up for dynamic mode (100 levels). hold on the key to get fast adjusting.
Zone	Zone selection, hold on the key in 2 seconds to get “all-control”

M mode: 8 dynamic modes as below

No	Patterns	Remarks
1	White breathe	Speed is adjustable, brightness is unadjustable
2	3 colours jumpy	
3	7 colours jumpy	
4	3 colours fade	

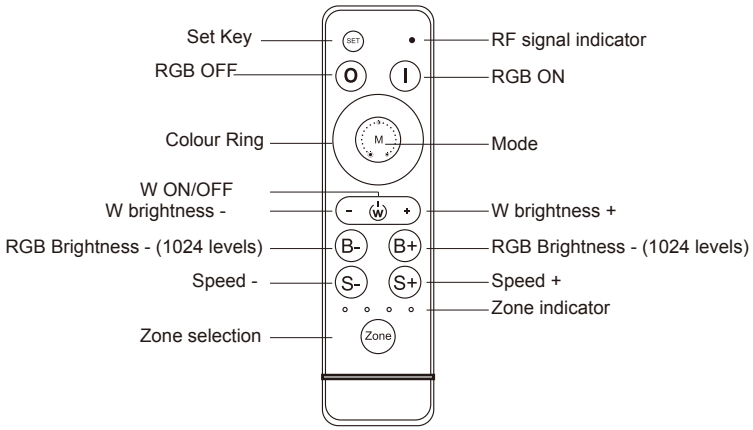
No	Patterns	Remarks
5	7 colours fade	Speed is adjustable, brightness is unadjustable
6	R/G cross fade	
7	R/B cross fade	
8	G/B cross fade	

PLEASE READ INSTRUCTION BEFORE COMMENCING INSTALLATION AND RETAIN FOR FUTURE REFERENCES.
! Electrical products can cause death or injury, or damage to property. If in any doubt about the installation or use of this product, consult a competent electrician

Note:

Product technical information and specification may change over time without prior notification. For the latest technical information please visit our web site www.robus.com or robusdirect.com

Type 4: Control the RGBW LED strip



Name	Description
SET	Non function
I	RGB Turn on
O	RGB Turn off
Colour ring	Static colour options, 64 colours in total
M	Dynamic modes, 8 modes in total
W	W channel: Turn ON/OFF
-	W channel - : brightness -, 1024 levels, long-press can get fast adjusting
+	W channel + : brightness +, 1024 levels, long-press can get fast adjusting
B-	Brightness – for RGB static colours by 1024 levels. Long-press can get fast adjusting.
B+	Brightness + for RGB static colours by 1024 levels. Long-press can get fast adjusting.
S-	Speed down for dynamic mode (100 levels). hold on the key to get fast adjusting.
S+	Speed up for dynamic mode (100 levels). hold on the key to get fast adjusting.
Zone	Zone selection, hold on the key in 2 seconds to get “all-control”

M mode: 8 dynamic modes as below

No	Patterns	Remarks
1	White breathe	Speed is adjustable, brightness is unadjustable
2	3 colours jumpy	
3	7 colours jumpy	
4	3 colours fade	

No	Patterns	Remarks
5	7 colours fade	Speed is adjustable, brightness is unadjustable
6	R/G cross fade	
7	R/B cross fade	
8	G/B cross fade	

The Installation must be carried out by a qualified electrician

All-Control Function

The remote can synchronously control four Zones. Zone 1: single colour; Zone 2: CCT; Zone 3: RGB and Zone 4: RGBW.

The all buttons' function is active in all-control mode, the effect for each zone will according to the output type setting of each receiver (4 in 1 controller); RGB+CCT type has a special controller item for it, no need to set.

RF Code

(1) Code pairing operation: The receiver will only be controlled by a specific remote control.

Step	Operation	Description
1	Connect the load, to the receiver and connect supply	1. If the receiver was coded previously. It is necessary to clear the code first, 2. Batch operation can be performed within the remote control range (20m).
2	Select area	Select the area with the "Zone" key and the indicator LED for that zone will light up
3	Press and hold "ON" on the remote control for 5 seconds, the indicator will flash quickly, pairing code process has started	Pairing process will automatically end after 60 seconds
4	The load light will flash 3 times and return to the initial state	Pairing process has completed successfully.

(2) Code clearing operation: The original receiver code will be cleared and returned to factory state. Then it can be controlled by any compatible remote control, and new program can be stored learn to a new code

Step	Operation	Description
1	Connecting the load to the receiver and connect supply	1. The clearing operation should finish within 60 seconds after the receiver is powered on. If the clearing process is not completed within this time, turn the receiver off and then back on again. 2. Batch operation will be performed on receivers within the remote control range (20m).
2	Press and hold the remote control "Off" for 5 seconds. The indicator of the remote-control flashes quickly, entering clearing code status. There is no need to select the corresponding area when clearing receiver code.	1. The process will automatically exit code transmission status after 60 seconds or pressing any key to exit. 2. If the original remote control is lost, new remote control can be used for clearing operations.
3	The load light flashes 3 times and return to the initial state.	Clearing process completed successfully.

(3) Code learning operation between remote controls: Used to unify system code values or copy a new remote controls.

Each remote control has its own unique code , when there are multiple remote controls in one system, one of them (for example, remote control A) must be selected as the main code value, and the code value of A will then be copied to the rest remote controls (for example, remote control B, or C or ...)

Step	Operation	Instructions
1	Press and hold "ON" on the remote control for 5 seconds, the indicator of the remote control will flash quickly, means it enters the pairing code transmission status.	Pairing process will automatically finish after 60 seconds or pressing any key to exit.
2	B remote control: long press "mode key" for 5 seconds, the remote indicator light changes from 100% brightness to 5% brightness and flash, the remote is receiving the new code	Receiving process will automatically end after 30 seconds, or if new code received successfully
3	B remote control indicator light flashes 3 times	Code copying process is finished successfully

(4) Copying code from receiver to remote control

A new remote control can copy a code from a receivers. Usefully if remote is lost

Step	Operation	Instructions
1	Turn off power to the receiver	Turn off power to the receiver that the code will be copied from
2	Long-press "mode key" for 5 seconds, the remote indicator light changes from 100% brightness to off, code copying process has started.	Copying process will automatically end after 30 seconds, or if new code received successfully
3	Turn the receiver on. The remote will see remote the new receiver and copy the code. The indicator light will flash 3 times	Code copying is complete. The process will finish after the new code has been received by the remote

Note: For security of the system, the distance from remote control to the one receiver should be less than 2 meters in this operation. Complete this operation once for the whole system, no need to perform this operation for different zones.

(5) The remote controller restores the factory setting: it means that the remote controller will be restored to the factory's unique code value.

Step	Operation	Instructions
1	Long press "mode " for 20 seconds.	The remote indicator light dims down and flashes for 20 seconds and then back to 100% brightness.
2	Press "OFF" to confirm process, the remote indicator light will flash 3 times	Factory settings restored successfully.

Installation of remote control's bracket:

Attach remote bracket to wall using screws or 3M tape

The Installation must be carried out by a qualified electrician

LED Group Australasia
9/210 Queensport Road North
Murarrie
QLD 4172
Australia

Tel: 07 3890 5444
Fax: 07 3890 4777
Email: purchases@robus.com.au
Website: www.robus.com.au