

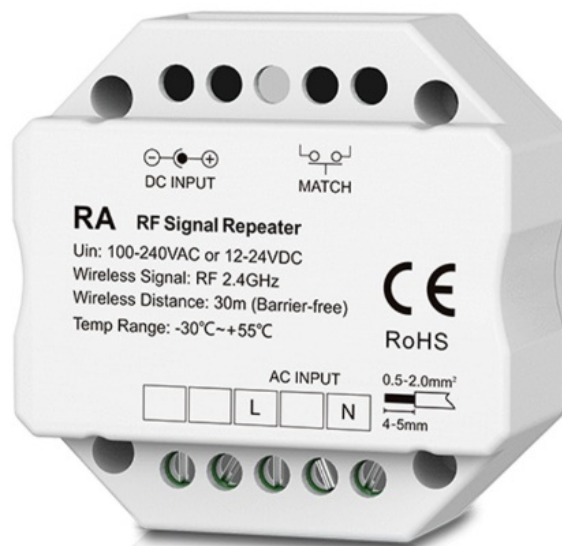


RF Controller RA 100 To 240VAC LED Controller RF Remote Signal Repeater Owner's Manual

[Home](#) » [RF Controller](#) » RF Controller RA 100 To 240VAC LED Controller RF Remote Signal Repeater Owner's Manual 

RF Controller

RA RF Signal Repeater



CE RoHS  RED

- Apply for wireless signal extension, greatly ensures RF communication stability and wide controlling area.
- Apply for area synchronous dimming to increase synchronous dimming stability.
- Powered by AC100-240V or DC12-24V.
- Compatibility with RF 2.4G remote control or panel.

- Easy to be placed in standard wall junction box.

Contents

[1 Technical Parameters](#)

[2 Mechanical Structures and Installations](#)

[3 Match RF Remote Control/ Panel](#)

[4 Application Example](#)

[5 Documents / Resources](#)

[5.1 References](#)

Technical Parameters

Input and Output

Input voltage	100-240VAC/DC12-24V
Power consumption	AC: ≤0.6W DC: ≤0.4W
Input signal	RF 2.4GHz
Output signal	RF 2.4GHz
RF Control distance	30m(Barrier-free space)

Environment

Operation temperature	Ta: -30°C ~ +55°C
Case temperature (Max.)	Tc: +65°C
IP rating	IP20

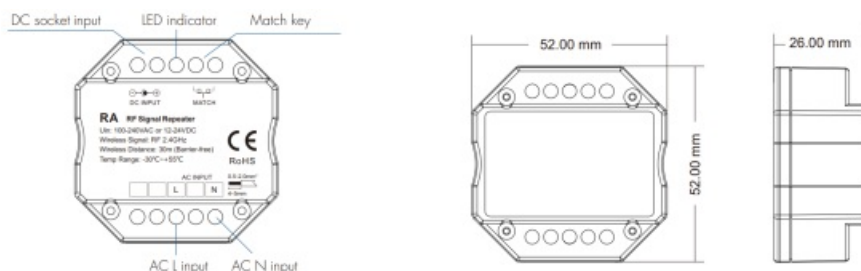
Package

Size	L60x W60x H40mm
Gross weight	0.05kg

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 61348-1:2015+A1:2021 EN 61348-2-13:2014+A1:2017
Radio Equipment(RED)	ETSI EN 300 328 V2.2.2
Certification	CE,EMC,RED
Warranty	5 years

Mechanical Structures and Installations



Match RF Remote Control/ Panel

If you want to extend the remote control signals, please match the RF remote control/panel with the RF signal repeater firstly.

Match:

Short press match key, immediately press on/off key of the single zone remote/panel, or zone key of the multiple zone remote/panel.

The LED indicator fast flash a few times means match is successful.

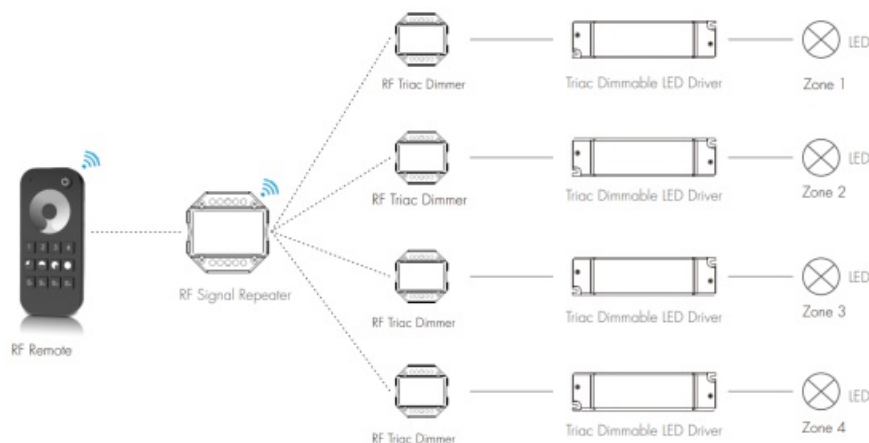
Delete:

Press and hold match key for 5s to delete all match,

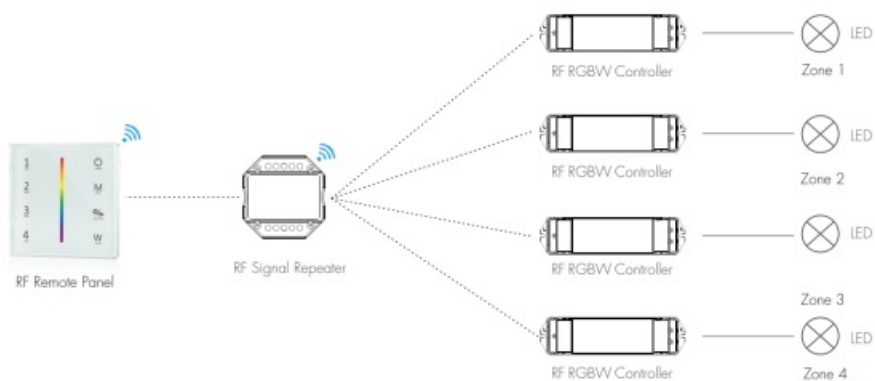
The LED indicator fast flash a few times means all matched RF remotes were deleted.

Application Example

1. RF remote & RF repeater application example.

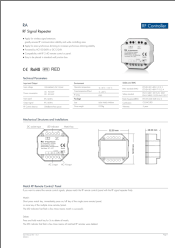


2. RF remote panel & RF repeater application example.



2024.6
User Manual Ver 1.0.2

Documents / Resources

	RF Controller RA 100 To 240VAC LED Controller RF Remote Signal Repeater [pdf] Owner's Manual 2024.6, RA 100 To 240VAC LED Controller RF Remote Signal Repeater, RA 100 To, 240VAC LED Controller RF Remote Signal Repeater, LED Controller RF Remote Signal Repeater, RF Remote Signal Repeater, Signal Repeater, Repeater
---	---

References

- [User Manual](#)

Manuals+. Privacy Policy

This website is an independent publication and is neither affiliated with nor endorsed by any of the trademark owners. The "Bluetooth®" word mark and logos are registered trademarks owned by Bluetooth SIG, Inc. The "Wi-Fi®" word mark and logos are registered trademarks owned by the Wi-Fi Alliance. Any use of these marks on this website does not imply any affiliation with or endorsement.