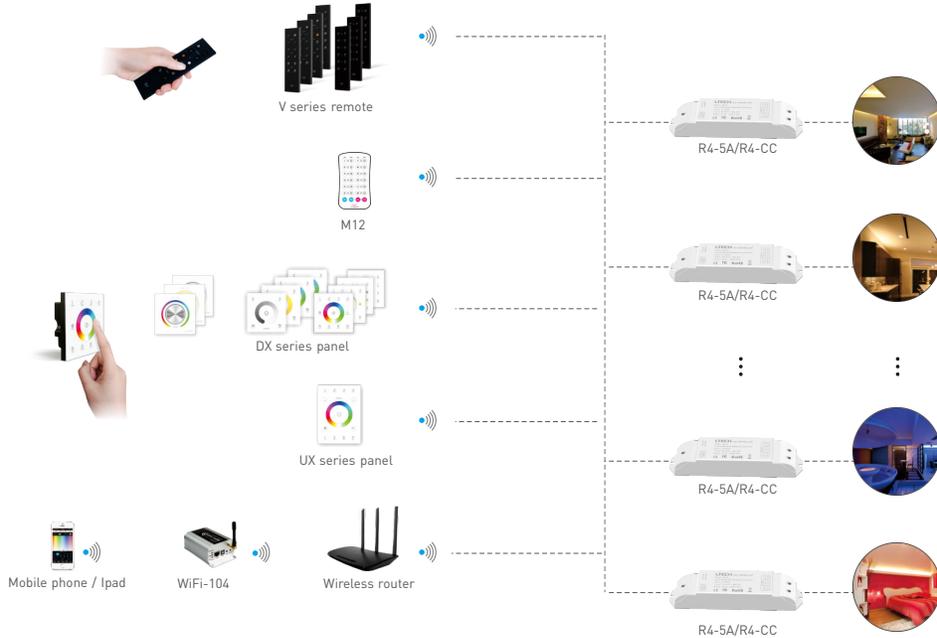# LTECH

RF Wireless

LED Wireless Driver

- RF 2.4GHz wireless signal, no need signal cable.
- Dimming, CT, RGB, RGBW LED lights can be controlled.
- Support V series remote controlling.
- Support DX/UX series touch panel controlling.
- Support WiFi-104 gateway controlling.

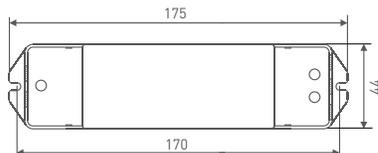FC CE RoHS warranty 5 years ISO9001:2008 SGS UKAS

System Diagram

V series remote

M12

DX series panel

UX series panel

Mobile phone / Ipad

WiFi-104

Wireless router

R4-5A/R4-CC

R4-5A/R4-CC

R4-5A/R4-CC

R4-5A/R4-CC

Specification

Model	R4-5A	R4-CC
Wireless signal	RF 2.4GHz	
Input voltage	5-24Vdc	12-48Vdc
Output voltage	5-24Vdc	3-46Vdc
Current load	5A × 4CH Max. 20A	CC 350/700/1050mA ×4CH
Output power	(0~25W...120W) × 4CH Max. 480W	(1.05W~48.3W) × 4CH Max. 193.2W
Dimming range	0~100%, LED start at 0.1% possible.	
Protection	Over current / Short circuit protection	Over temperature / Open circuit protection
Working temperature	-30 ~55	
Product size	L175×W44×H30(mm)	
Package size	L178×W48×H33(mm)	
Weight(G.W.)	150g	165g

Product Size

Unit：mm

175
44
170
30

www.ltech-led.com

Terminal Description

Running light
ID learning button
5~24Vdc power input

Wireless driver

R4-5A

LED lamp connection

W	W	W	W	V+	Dimming
C	W	C	W	V+	Color temperature
R	G	B	W	V+	RGB/RGBW control

Running light
ID learning button
12~48Vdc power input

Wireless driver

R4-CC

Current selection switch

LED lamp connection

W	W	W	W	V+	Dimming
C	W	C	W	V+	Color temperature
R	G	B	W	V+	RGB/RGBW control
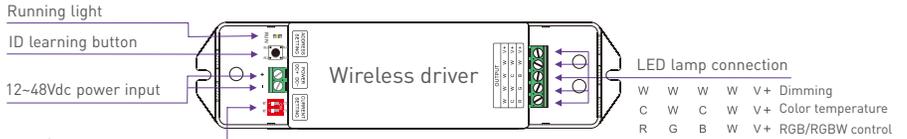
Operation Table

OFF	OFF	OFF	ON	ON	ON
350mA		700mA		1050mA	

Match Code

Match code with V series remote, DX series touch panel, UX series touch panel, WiFi-104 gateway.

1. Short press "ID learning button" on driver, the lamps changed from flicker to keep on, please complete next step within 10s.

ID learning button
Wireless driver

2. Match up with V series remote: Press any key (single zone remote) or zone key (multi-zone remote).
   Match up with DX series panel: Press any key (single zone panel) or zone key (multi-zone panel).
   Match up with UX series panel: Press any key (single zone panel) or zone key (multi-zone panel).
   Match up with 104 gateway: Select zone number on App, then touch the color slide for 2-3 seconds.

3. If the lamp flicker several times, match successfully.

Clear code

Long press "ID learning button" on driver for 5 seconds, If the lamps flicker several times, deactivate the matching successfully.

ID learning button
Wireless driver

Wiring Diagram

Single color strip
MODEL：R4-5A
5-24Vdc
Zone 1 — **DIM**

Nature white + Warm white strip
MODEL：R4-5A
5-24Vdc
Zone 2 — **CT**

Nature white + Warm white + Cold white strip
MODEL：R4-5A
5-24Vdc
Zone 3 — **CCT**

RGB strip
MODEL：R4-5A
5-24Vdc
Zone 4 — **RGB**

RGBW strip
MODEL：R4-5A
5-24Vdc
Zone 5 — **RGBW**