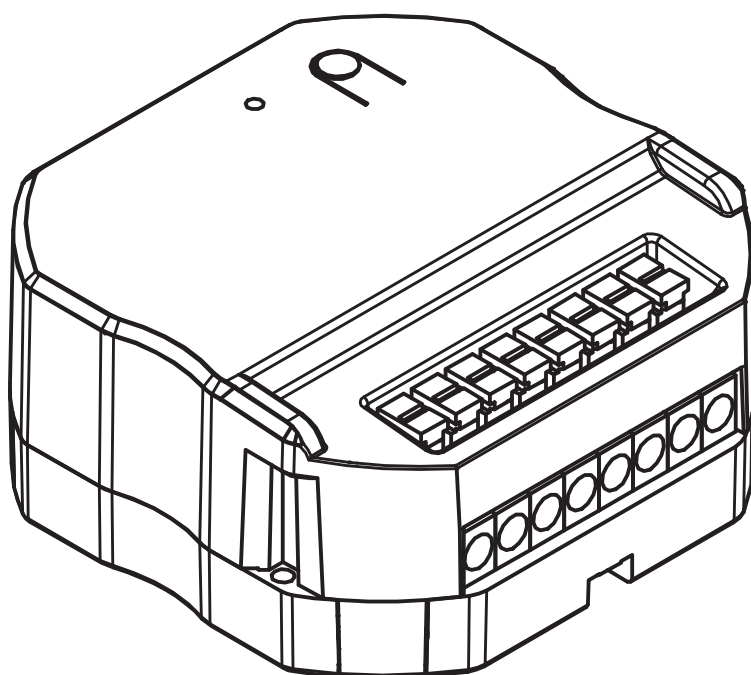


INSTRUCTIONS MANUAL



RF 0-10V Dimmer

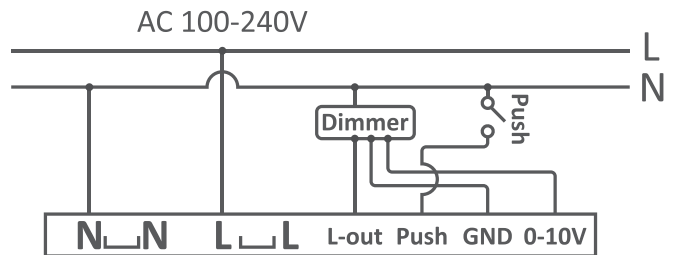
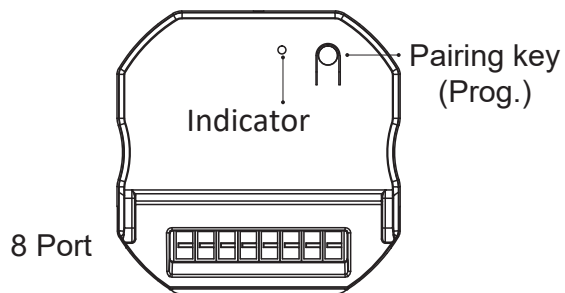
Product Code: AR31, AR31-MW

Ver 5.0



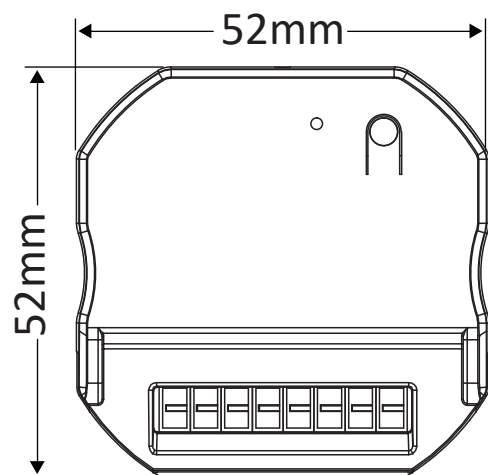
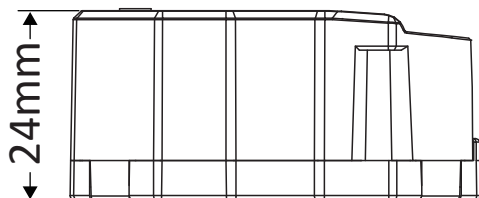
A. PRODUCT SPECIFICATIONS

1CH



PRODUCT CODE	AR31	AR31-MW
LOAD	4A Max. 100-240Vac 50/60Hz 0-10V 80mA	
RADIO FREQUENCY	433Mhz for Kinetic Switch & Remote	
SMART PROTOCOL	\	2.4Ghz, Matter over Wi-Fi
WALL SWITCH COMPATIBLE	Yes	
CHANNEL	1CH	
IP RATING	IP20	
TEMP. RANGE	-20 ~ 40°C	
HOUSING TEMP.	Ta: 40°C Tc: 80°C	

B. PRODUCT DIMENSIONS

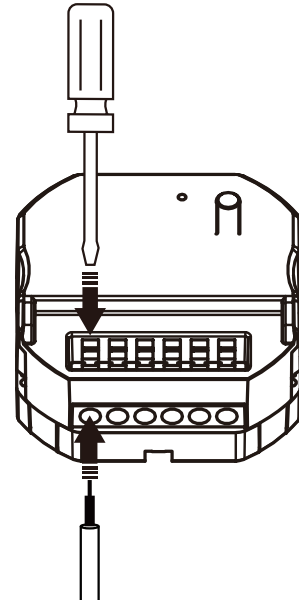
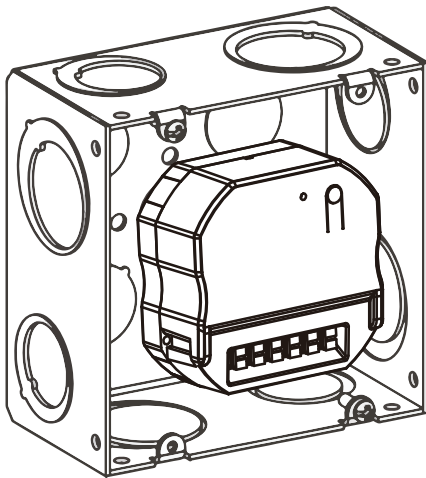


C. INSTALLATION



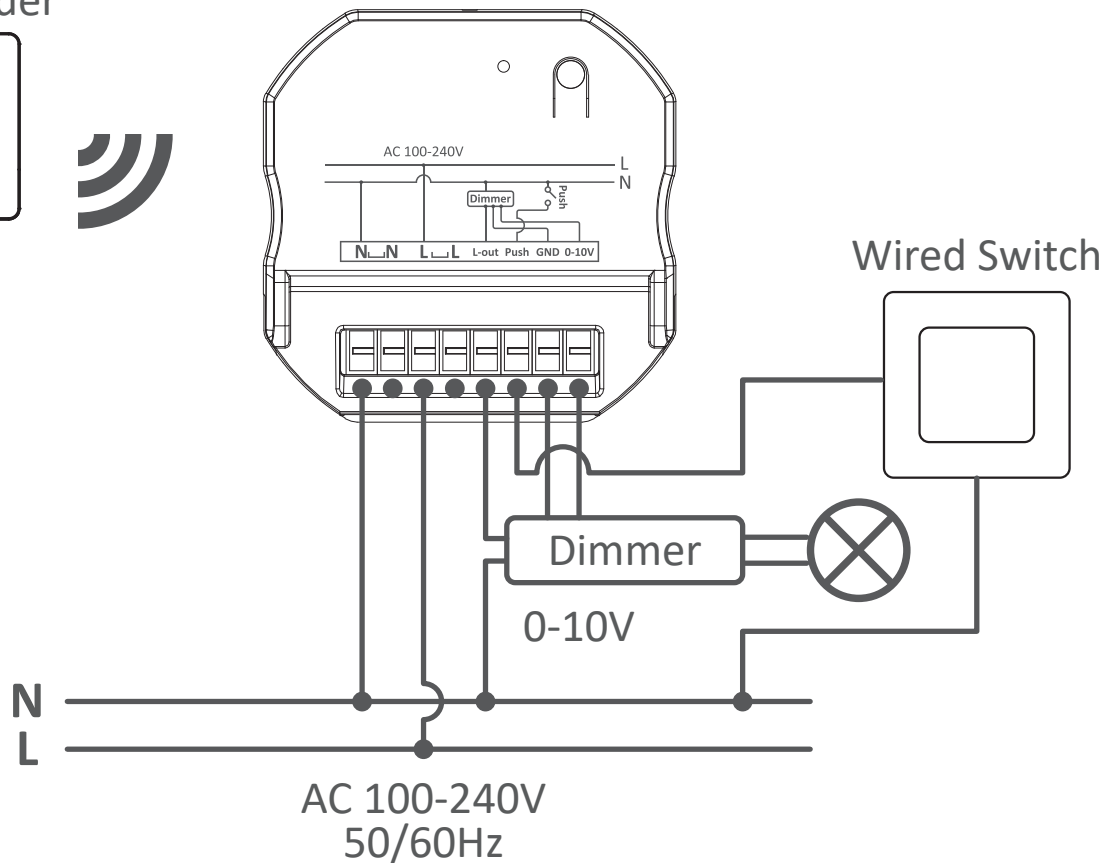
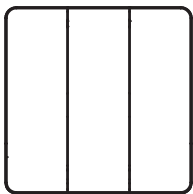
INSTALLATION CAUTIONS:

Installation must be carried out by licensed electricians.



D . WIRING DIAGRAM

RF433 Sender



a. Power must be turn off before installation.

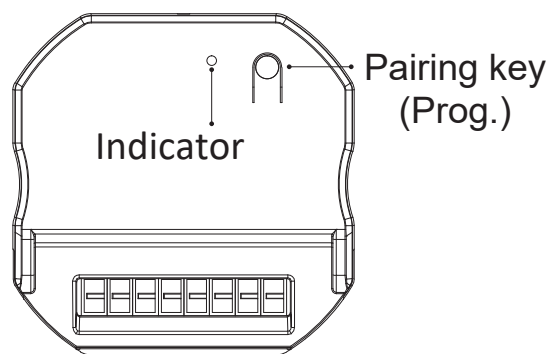
b. Installation must be carried out by professional electrician.

E. PAIRING PROCESS OVERVIEW

Short Press Prog. Key to:

Turn On (Indicator light steady green)

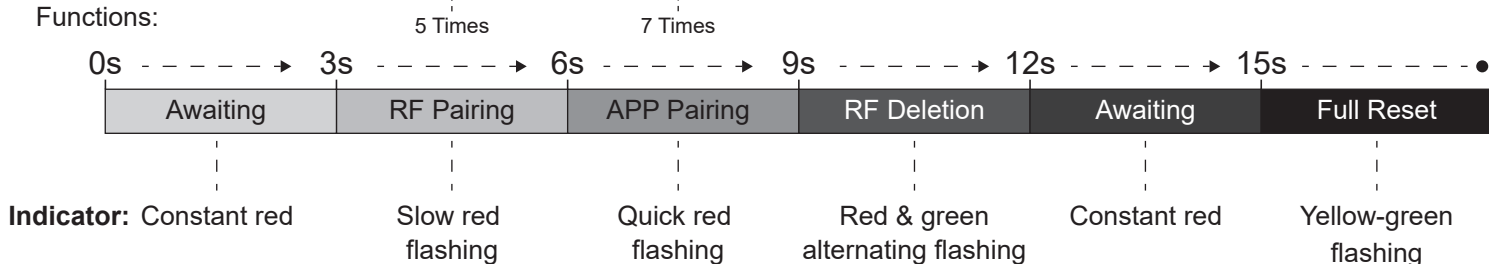
Turn Off (Indicator light flashing green)



Long Press Prog. Key:

or Turn on/off Power Supply

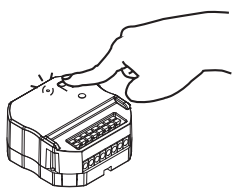
Functions:



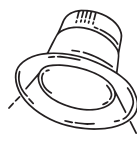
F. PAIRING - WIRELESS RF433 SENDER

Option 1.

- Press and hold the Prog. Key for **3s** until the **RED** indicator flashes slowly, and release to enter RF pairing window (the light will flash **Twice** and stay on).
- While the RED indicator on the controller is flashing slowly, press the RF sender **ONCE** to complete the pairing.



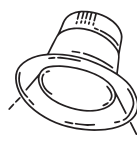
Hold on Prog. key over **3s**
Indicator: **RED** flashes **slowly**



Light flash **Twice**
and stay on

Option 2.

- Turn On /Off the power supply 5 times constantly (*the **GREEN** indicator is on/off **5 times** constantly) to enter RF pairing window.
- While the RED indicator on the controller is flashing slowly, press the RF sender **ONCE** to complete the pairing.



Light flash **Twice**
and stay on

Turn On/Off the power supply **5 times** constantly
Indicator: **RED** flashes **slowly**

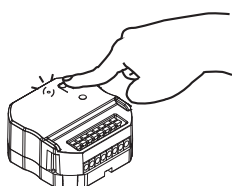
*COMPATIBLE RF433 SENDER(ORDER SEPARATELY)

- 1.Kinetic Switch: Self-powered
- 2.Battery Switch: Battery-powered
- 3.Battery Remote: Battery-powered

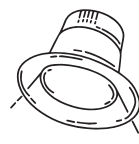
***Please refer to the related RF sender's instruction manual on how to work.**

G. PAIRING - SMART APPLICATIONS

Option 1. Press and hold the Prog. Key for **6s** until the **RED** indicator to **flash quickly** and release to enter App pairing window, the light would flash **3 times** and stay on.



Hold on Prog. key over **6s**
Indicator: **RED** flash **quickly**

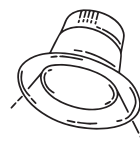


Light flash **3 times**
and stay on

Option 2. Turn On/Off the power supply **7 times** constantly (*the **GREEN** indicator is on/off **7 times** constantly) to enter App pairing window, the light would flash **3 times** and stay on.



Turn on/off the power supply **7 times** constantly
Indicator: **RED** flash **quickly**



Light flash **3 times**
and stay on

matter App Pairing *(*the only RF version controller can't support)*

Preparation for matter over wifi App pairing:

- a. Strong WiFi Signal cover is important to run this matter over WiFi receiver.
- b. Only **2.4G** WiFi router compatible.
- c. Open Location access to your preferred smart App before pairing.
- d. Turn on Bluetooth on your smart phone.



2.4G WiFi



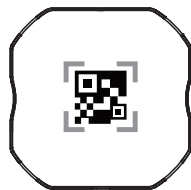
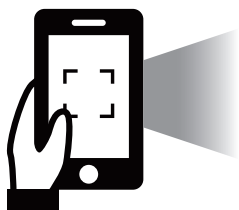
Location



Bluetooth

*COMPATIBLE APPLICATIONS

Simply scan the QR code on the controller with one of apps that compatible with Matter to quick and easy setup.



***Note: The Matter LED Controller requires a control center or a hub of the selected app platform!**

The Matter controller can work with all certified smart home platforms, such as:

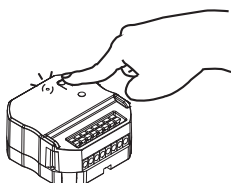
 HomeKit  Google Home  Alexa  SmartThings

Other App:  *Only support local control.

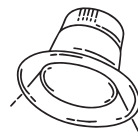
Voice control: supports Apple HomePod, Amazon ECHO and Google Nest speakers.

H. UNPAIRING - RF433 SENDER

Press and hold the Prog. Key for **9s** until the indicator to **flash alternately between Red and Green** and release to enter RF sender removing window (the light would flash **twice** and stay on).



Hold on Prog. key over **9s**
Indicator: **Red & Green**
alternating flashing

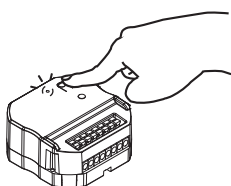


Light flash **Twice**
and stay on

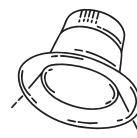
***Please also press RF Sender once to confirm whether the pairing has been cleared.**

I. FULL FACTORY RESET

Press and hold the Prog. Key for **15s** until the indicator flashes **Yellow-green** to complete a full factory reset (the light would flash **5 times** and stay on).



Hold on Prog. key over **15s**
Indicator: **Yellow-green**
flashing



Light flash **5 times**
and stay on

***Note: this will clear all RF sender and APP pairings on this controller!**