



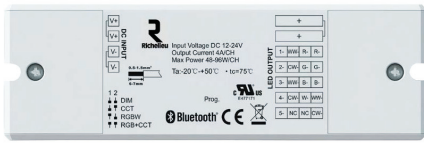
NOVEMBER 2022

# **RICHELIEU SMART BTRF**

## **INSTALLATION GUIDE**

# INSTALLATION GUIDE

## PRODUCT DETAILS



■ Smart LED Receiver BTRF24961248



■ Kinetic Smart Switch RFDE2801Z



■ 2-zone Kinetic Smart Switch RFDE2802Z



■ Battery Powered Smart Switch RFD9001Z

**i NOTE:** The LED receiver must always be used with a suitable 24V or 12V LED driver. Warranty does not cover damage caused by the use of a driver not recommended by Richelieu Installation must allow for the re-installation and repair of the receiver and switch without the removal of fixed furniture. Installation must comply with your local, regional or national electrical regulations.



## STEP BY STEP

### Pairing the switch with the receiver:

After connecting all lamps to the receiver and then the receiver to the driver, you are now ready to pair the switch with the LED receiver. Below, you will find the key things you need to know to successfully pair the devices.

### STEP 1

If needed, remove the plastic from the battery inside the switch.

### STEP 2

With RFDE2801Z, and RFD9001Z, all connected LED receivers are controlled simultaneously. With RFDE2802Z the 2 zones in the switch correspond to their own LED receiver.

### STEP 3

Before using the switch, you must pair it with the receiver.

**3.1** Keep the switch close to the receiver.

**3.2** Short-press the connect button once and within 5 seconds, short-press any button on the switch. You will know the devices are paired when all the lights connected to the receiver blink once. If the connect button is not accessible, reset the power of the receiver 3 times continuously.

**i NOTE:** Do not press the connect button and switch simultaneously.

**3.3** You now have successfully paired the switch with the receiver. If you are using the 2-zone switch, please follow again steps 3.1 to 3.4 to pair the second zone to the other receiver. If the switch/receiver does not work properly, repeat steps 3.1 to 3.3.

### STEP 4

If you have several receivers to be connected with a switch, please repeat steps 3.1 to 3.3.

If you have several switches to be connected with a receiver, repeat steps 3.2 to 3.3.

Do not repeat step 3.1 if you don't want to lose the established connections with the switches.

### STEP 5

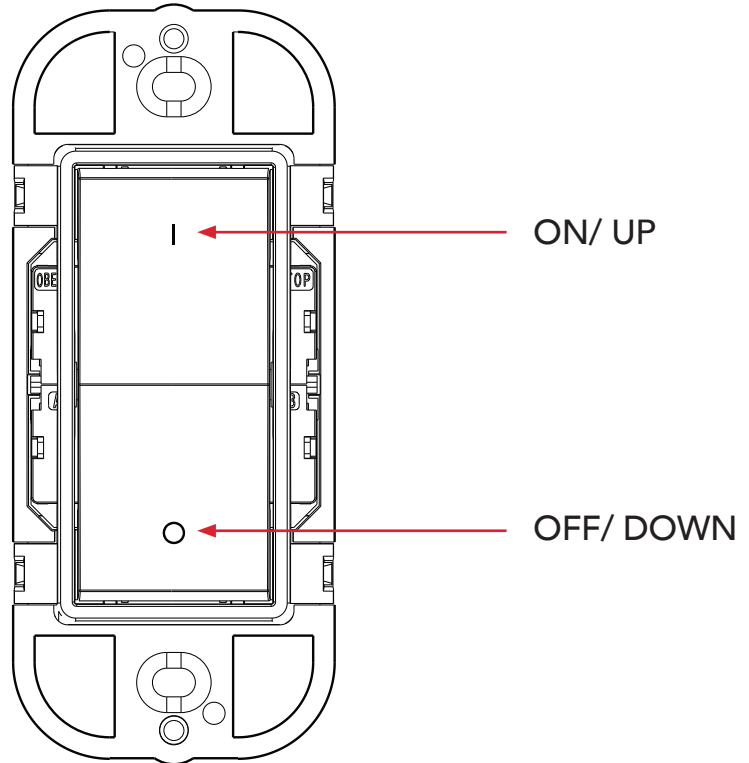
If you want to change the settings or if the switch doesn't work properly, you must reset the receiver back to factory settings and follow steps 3.1 to 3.3 to pair with the switch.

**RECEIVER FACTORY RESET:** To reset the receiver to its factory setting, press the connect button (as shown on page 3) for 10 to 15 seconds. You will know the receiver is reset when all connected lamps blink twice and stay on. If the connect button is not accessible, reset the power of the receiver 8 times continuously.

## RICHELIEU SMART BTRF

### **NO BATTERY, KINETIC POWER** 1-ZONE WIRELESS CONTROL

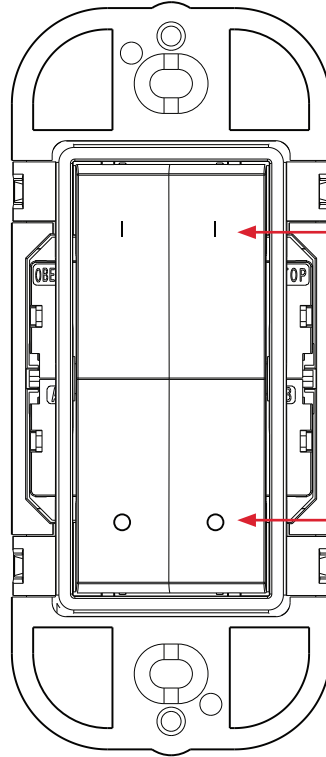
- Short press On-button turns on light,  
long press brightens light
- Short press Off-button turns off light,  
long press dims light



## RICHELIEU SMART BTRF

### NO BATTERY, KINETIC POWER 2-ZONE WIRELESS CONTROL

- Short press On-button turns on light, long press brightens light
- Short press Off-button turns off light, long press dims light



ON/ UP

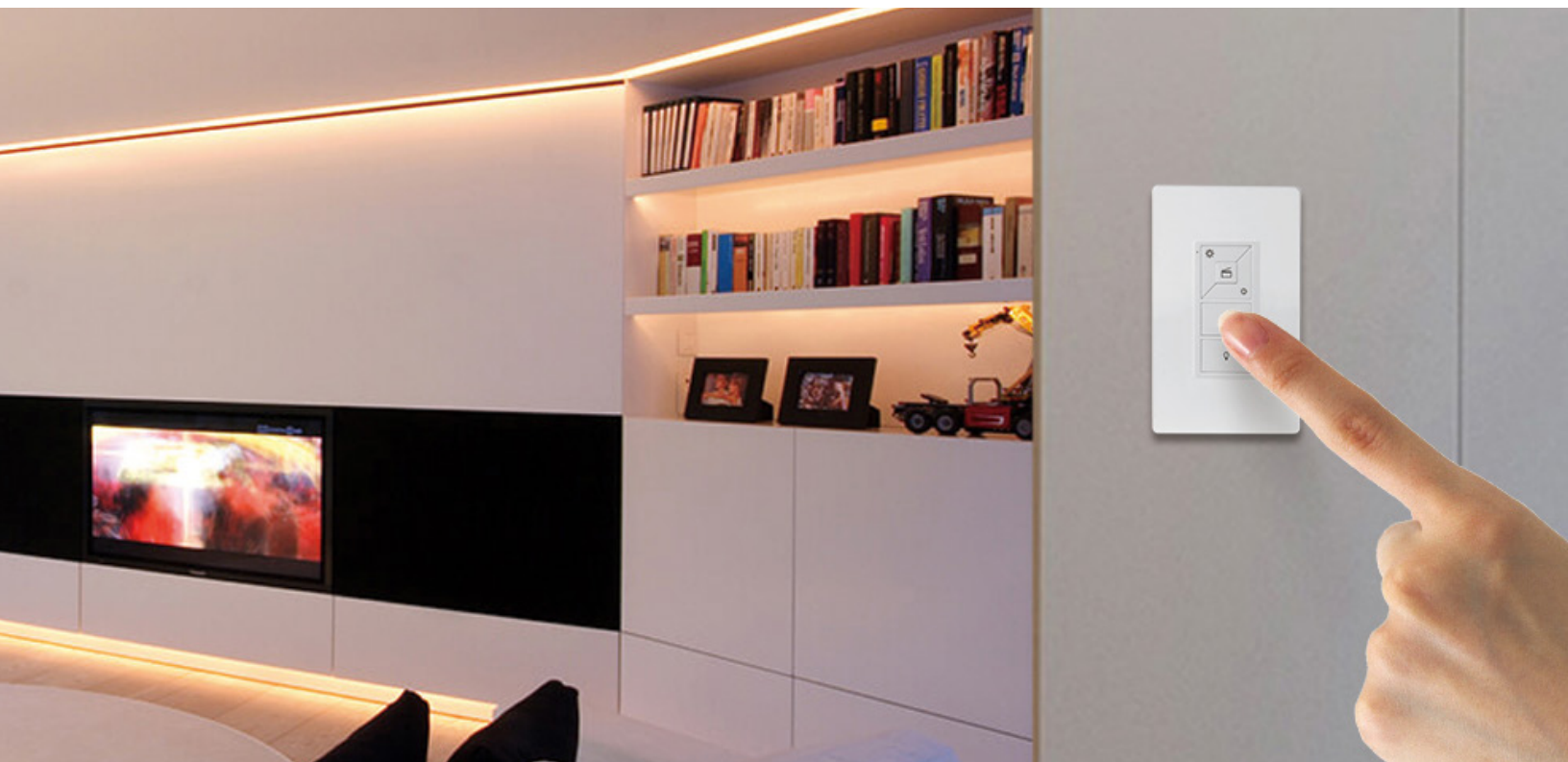
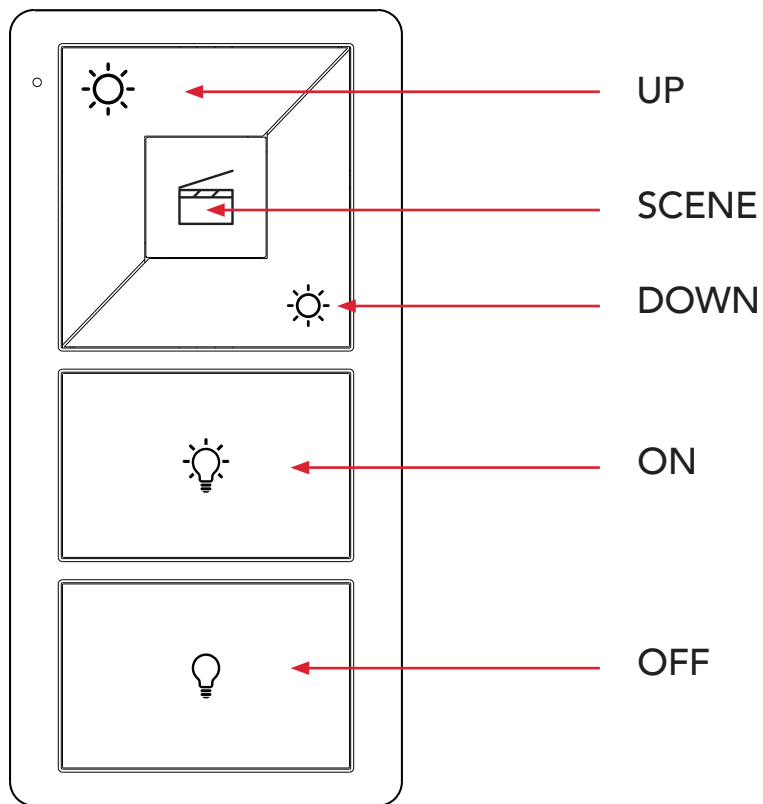
OFF/ DOWN



## RICHELIEU SMART BTRF

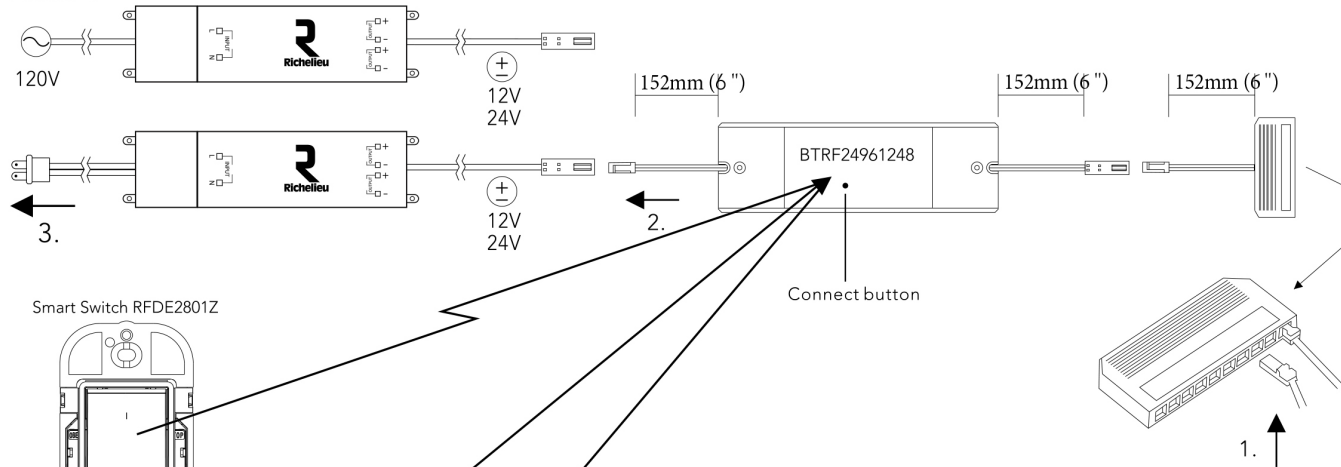
### BATTERY POWERED SMART SWITCH

- Short press On-button turns on light
- Short press Off-button turns off light
- Long press Up-button brightens light
- Long press Down-button dims light
- Long press Scene-button saves a scene, short press recalls the saved scene

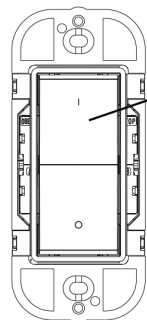


## RICHELIEU SMART BTRF

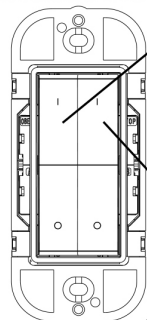
### Zone 1



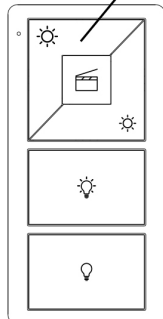
Smart Switch RFDE2801Z



Smart Switch RFDE2802Z



Smart Switch RFD9001Z



- Max 10 pcs of light/LED receiver.
- One LED receiver can be controlled by max 8 switches.
- Maximum wattage of the receiver depends on the chosen driver.
- In any case, it cannot exceed  $3 \times 12V = 36W$  or  $3 \times 24V = 72W$ .
- Max 20 receivers can be controlled with one switch.

### Zone 2



## SMART WIRELESS CONTROLLER



- 24V Micro24 connector hub
- The maximum wattage of a 24V hub is  $3A \times 24V = 72W$



- 12V Micro12 connector hub
- The maximum wattage of a 12V hub is  $3A \times 12V = 36W$



## CHANGE OF BATTERY

- Power Supply: 3VDC or Kinetic Power
- Frequency: 2.4GHz
- Battery: CR2430 or None
- Transmission Range: Up to 30 m in open air Richelieu recommends that the switch and receivers be within a radius of 10 to 15 m (32 to 49'). The switches and receivers have been tested in an open environment with a maximum connectivity of 30 m (98').

