

Focupix Dual Remote with Wall Switch Kit

Please carefully read the operating instructions below before installation and usage.

Warning: Electrical equipment, proper handling by a licensed electrician is highly recommended.

1. Product Specs:

1. Electrical: 110VAC/50Hz 10%.
2. Environment Temperature: 32 to 158 F.
3. Radio Frequency: 433MHz (Optional 315MHz).
4. Dual remote control: RF and IR. Please note: RF433MHz is not compatible with RF315MHz on same remote.

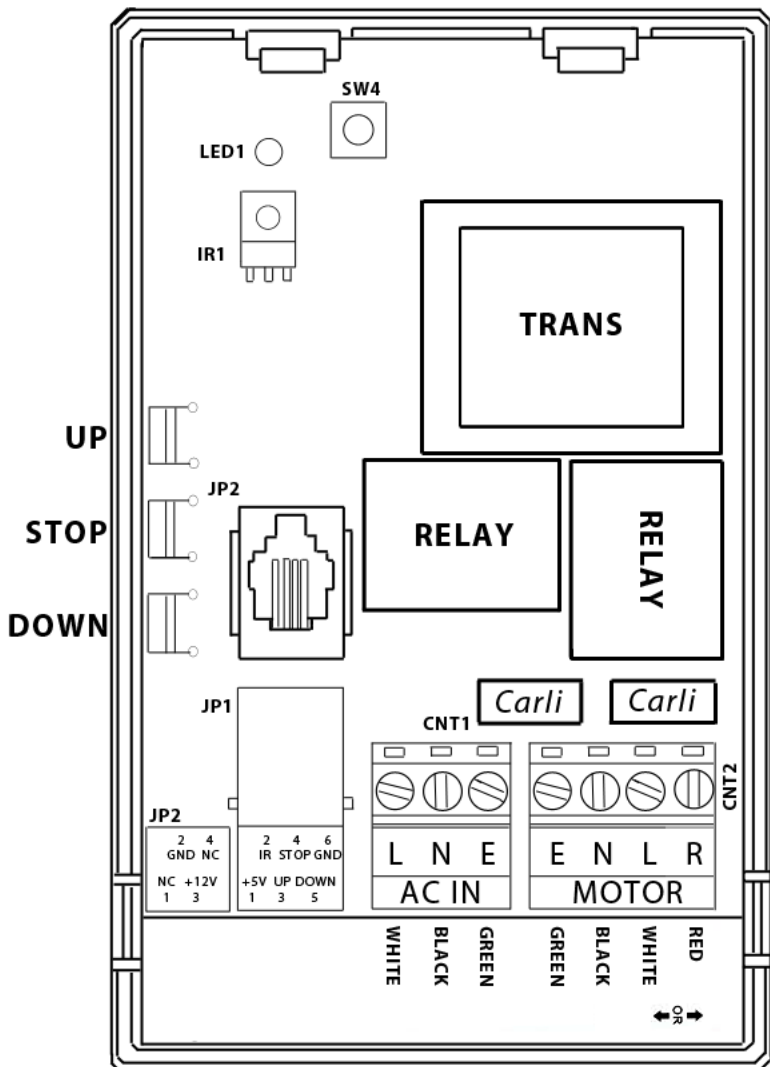
2. Installation Recommendations:

1. When installing, avoid water sources and pipes.
2. Do not let receiver directly contact or be covered by metal object(s), doing so may reduce operating signal sensitivity.
3. Minimum height of installation point from ground: 60" inches.
4. Minimum distance between installation point and ceiling: 12" inches.
5. Minimum distance between receiver and remote: 12" inches.
6. Minimum distance between 2 receivers in multiple kit installation: 8" inches.

3. Proper Wiring:

1. Shut down or disconnect electrical power from the receiver before and during installation to ensure safety.
2. Ground wire **must** be installed for safety.
3. Secure all wiring connection points.

Please note: The receiver is compatible with most standard AC motors. Please see the wiring diagram below



Main Components & Connections

1. LED1: Power / Signal
2. SW1: Programming Jack
3. IR1: IR Signal Receiving Head

Wire Connections

AC Power In (CNT1)

1. L: Live Line
2. N: Null Line
3. E: Ground Line

To Motor (CNT2)

1. E: Motor Ground Line
2. N: Motor Wire
3. L: Motor Left (Up)
4. R: Motor Right (Down)

Connection to Wall Switch / IR Receiver (JP1)

1. +5V: IR Power (+5V)
2. IR: IR Signal Line
3. UP: Manual Wall Switch-Up
4. STOP: Manual Wall Switch-Stop
5. DOWN: Manual Wall Switch-Down
6. GND: Wall Switch, IR Shared Line

External 12V Trigger Power In (JP2)

1. NC: Null
2. GND: 12V Trigger -Negative
3. +12V: 12V Trigger +Positive
4. NC: Null

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4. Operating Notes

1. Remotes are programmed before shipping, to re-program, following step 6.
2. IR/RF programming can accommodate up to 20 sets of pairing codes. More codes will overwrite the last code set.
3. During re-programming, the receiver will stop responding to all commands from both the remote and / or wall switch.
4. LED1 power / signal indicator stays on when power is connected.
5. JP2 is designed for 12V trigger setups, when projector supports this, the correct setup can control the screen as projector power on / off.

5. Remote and Manual Controls

1. Please use Up, Down, and Stop buttons to control the screen / motor movement.

6. Receiver / Remote Pairing

1. Point the remote to be programmed towards the receiver.
2. Press the programming button on the receiver (located as SW4 position in diagram). The receiver is now in programming mode and LED1 light will blink for 10 seconds.
3. When LED1 light is blinking, press up on the remote, LED1 light will stop blinking and the pairing will be completed.
4. Repeat steps 1 through 3 if you would like to program multiple remotes. A receiver can be paired with up to 20 remotes.

7. Reset and Erase All Existing Pairing

1. Press and hold the programming button on the receiver (SW4) for approximately 4 seconds. LED1 will start blinking rapidly, let go of the programming button (SW4).
2. Within 6 seconds, press the programming button again (SW4), LED1 light will turn off and all existing pairing codes will be erased.
3. Follow step 6 to re-program remotes as needed.

8. Erase One Existing Pairing

1. Point the remote that will be removed towards the receiver.
2. Press the programming button (SW4), LED1 light will begin blinking for 10 seconds, programming mode is now active.
3. Within 10 seconds, while LED1 light is still blinking, press down on the remote. LED1 will stop blinking and the remote has now been removed from an existing pairing with the receiver. Repeat as needed with other remotes.

9. Change Corresponding Directions of Up and Down Buttons

1. Press the programming button on the receiver (SW4), LED1 light will blink, signaling the receiver is in programming mode.
2. Within 10 seconds, while LED1 light is blinking, press stop on the remote, LED1 light will cease to blink and the Up-Down buttons have now been reversed.

10. Changing the Battery

1. Open the cover of the remote control.
2. Remove the old battery, replacing with a new CR23A battery, while ensuring polarity + / - connections are correct.
3. Replace cover back on remote and recycle old battery.

11. Troubleshooting

Item	Symptom	Steps to Check
1	Remote control light on when operating but does not trigger screen action.	<ol style="list-style-type: none">1. Re-program the remote following step 6.2. Check receiver wiring.
2	Remote control light stays off or is weak when operating remote	<ol style="list-style-type: none">1. Check if battery needs replacement.2. Check if battery installation is correct.
3	Up and down button trigger the wrong directions	<ol style="list-style-type: none">1. Change remote direction following step 9.2. If necessary, rewire screen motor control line.