

36825-MI

4 Channel Remote Control Relay

Complete 4 channel remote control. Includes a 4 button Key FOB and a microprocessor based Receiver.

Frequency: 315MHz

Range: >30M Depending on Enviroment & Location

Power: Key FOB: 12V camera battery

Receiver: 12VDC @ ~10mA standby

Relay: 4X SPDT

Contacts: Isolated 10A @ 250VAC/30VDC

Max Load: 40W/Relay

8 Modes: Switch Select

1: Momentary Operation as long as Button Pressed

2: (Toggle) Alternate Action Push "ON" Push "OFF"

3: Interlocked 1 Relay energized at a time.

4: 2 Relays Toggle & 2 Relays Momentary

5: 2 Relays Momentary & 2 Relays Interlocked

6: 2 Relays Toggle & 2 Relays Interlocked

7: 1 Relay 1 Toggle Action & 3 Relays Momentary

8: Momentary Action Mode With 5 sec. Delay

Terminals: Screw Terminal Strips for Power & Relay Contacts

FOB: H: 2-1/2" **W:** 1-1/2" **T:** 5/16"

RCV: H: 2-1/2" **W:** 3-1/8" + Tabs **T:** 1-1/8"

SHIP WT: .3

Operational Modes

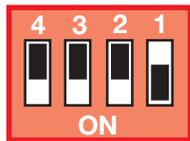
NOTES:

1: Press only one button at a time.

You can not hold down two or more keys simultaneously.

2: There is approximately a 1second Response Time to Button Press

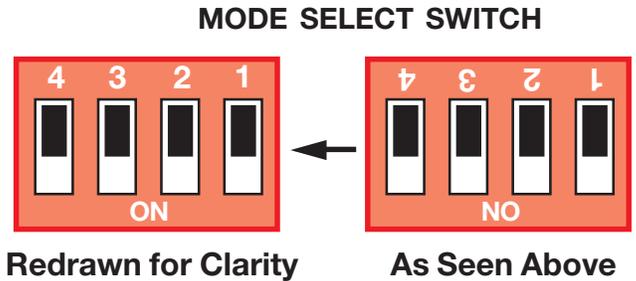
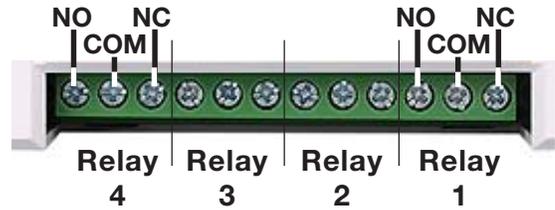
NOTE: MODE SWITCH Redrawn for Clarity



Power Fail Memory:

Turn ON: Switch "1"

Stores & Resumes last Operation when Power Restored



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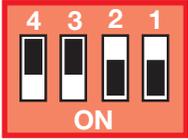
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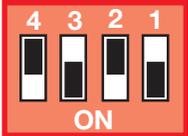
4 Channel Remote Control Relay Operational Mode Selection

NOTE: Switch "1" Shown Selected for After Power Fail Resumption



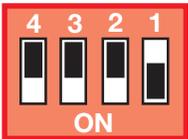
Independent Momentary Action Mode: Turn Switch "2" ON

Momentary mode, Press Button and the corresponding Relay will Energize until you release the Button, then Relay De-energizes. Relays are independently controlled. **PRESS ONLY 1 BUTTON AT A TIME**



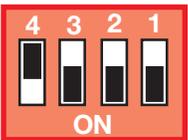
Independent Alternate Action (Toggle) Mode: Turn Switch "3" ON

This is the Latching mode, Press Button once and the corresponding Relay will Energize. Press the Button again and Relay De-energizes. Relays are independently controlled. **PRESS ONLY 1 BUTTON AT A TIME**



Interlock Action Mode: Turn Switches "2-4" OFF

In this Mode, only 1 Relay can be Energized at a time. Pressing a button will energize the corresponding Relay. Relay will remain Energized until another Button (different) is pressed. At that point, 1st. relay will De-energize and the other Relay will Energize. The last relay Energized will remain Energized until Power is removed.

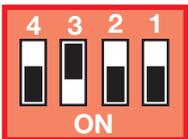


Combo Mode 1: Relays 1&2 Alternate Action-- Relays 3&4 Momentary Action:

Turn Switches: "2 & 3" ON

Relays 1 & 2 (Buttons A&B): Press Button once and the corresponding Relay will Energize. Press the Button again and Relay De-energizes. independently controlled.

Relays 3 & 4 (Buttons C&D): Press Button and the corresponding Relay will Energize until you release the Button, then Relay De-energizes. **PRESS ONLY 1 BUTTON AT A TIME**

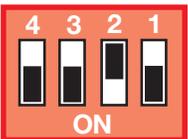


Combo Mode 2: Relays 1&2 Momentary-- Relays 3&4 Interlock Action

Turn Switches: "2 & 4" ON

Relays 1 & 2 (Buttons A&B): Press Button and the corresponding Relay will Energize until you release the Button, then Relay De-energizes. independently controlled. **PRESS ONLY 1 BUTTON AT A TIME.**

Relays 3 & 4 (Buttons C&D): Pressing a button will energize the corresponding Relay. Relay will remain Energized until the other Interlock Button is pressed. At that point, 1st. relay will De-energize and the other Relay will Energize. **All other Relays will be Off.** The last relay (3 or 4) Energized will remain Energized until Power is removed or a Button pressed. **PRESS ONLY 1 BUTTON AT A TIME**

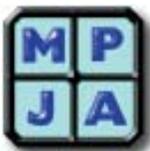


Combo Mode 3: Relays 1&2 Alternate Action -- Relays 3&4 Interlock:

Turn Switches: "3" & "4" ON

Relays 1 & 2 (Buttons A&B): Press Button once and the corresponding Relay will Energize. Press the Button again and Relay De-energizes. Independently controlled. **PRESS ONLY 1 BUTTON AT A TIME.**

Relays 3 & 4(Buttons C&D): Pressing a button will energize the corresponding Relay. Relay will remain Energized until the other Interlock Button is pressed. At that point, 1st. relay will De-energize and the other Relay will Energize. **All other Relays will be Off.** The last relay(3 or 4) Energized will remain Energized until Power is removed or a Button pressed. **PRESS ONLY 1 BUTTON AT A TIME**



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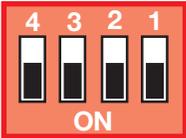
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Operational Mode Selection Cont.



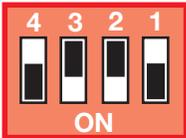
Combo Mode 4: Relay 1 Alternate Action -- Relay 2-4: Momentary Action Mode

Turn Switches “2”-“4”: ON

Relay 1 (Button A): Press Button once and the Relay will Energize. Press the Button again and Relay De-energizes. independently controlled.

Relays 2-4 (Buttons B,C&D): Momentary mode, Press Button and the corresponding Relay will Energize until you release the Button, then Relay De-energizes. Relays are independently controlled

PRESS ONLY 1 BUTTON AT A TIME



Combo Mode 5: Independent Momentary Action Mode With Delay:

Turn Switch “4”: ON

Momentary mode, with Delay on Turn Off. Press Button and the corresponding Relay will stay energized for ~5seconds after release of button. Only 1 Relay can be in active “Delay”; Any Button Pressed During Delay will Override Original Selection & Restart Delay Time. Relays are independently controlled.

PRESS ONLY 1 BUTTON AT A TIME



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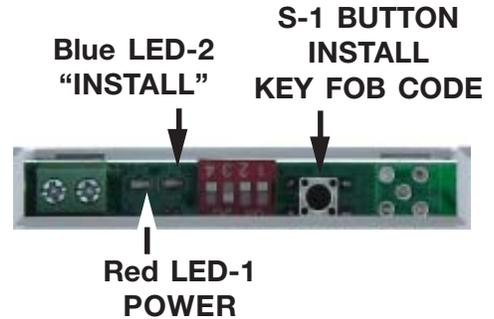


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4 Channel Remote Control Relay Programming



Installing the Key FOB: Matching the Key FOB (Clicker) to the Receiver

NOTE: Units are "Pre-Matched" at the factory.

Only Use if Adding or Replacing Key FOB

Short Press Install (S-1) Button on the Receiver. The "Install" LED will light,
Within ~15 seconds; Press any button on the Key FOB. The LED will go off indicating the Key FOB ID code has been logged in. If no button is pressed, LED will flash and Receiver will Exit Install with No Changes.

Clearing the Receiver of ALL codes:

Press and Hold the Install (S-1) Button on the Receiver; the "Install" LED indicator lights.

After about 8 seconds, the "Install" LED will go out, release the Program Button.

This will remove all Key FOB codes.

Receiver can supports up to 30 different Key FOBs.

Above 30, the Receiver will start overwriting codes from #1 forward.

Installing multiple Receivers: to 1 Key FOB

Only 1 Receiver at a time:

Power 1st. Receiver.

Short Press Install (S-1) Button on the Receiver. The "Install" LED will light,

Press any button on the Key FOB. The LED will go off indicating the Key FOB ID code has been logged in.

Turn Off power to 1st Receiver:

Power 2nd. Receiver

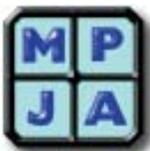
Short Press Install (S-1) Button on the Receiver. The "Install" LED will light,

Press any button on the Key FOB. The LED will go off indicating the Key FOB ID code has been logged in.

To Test: Turn On power to 1st Receiver: Both receivers will respond to Key FOB

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