

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: Jumper Select SEE DATA

- 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 ToggleAction & 3 Relays Momentary
- 8: Momentary Action Mode With 5 sec. Delay

Terminals: Screw Terminal Strips for Power & Relay Contacts

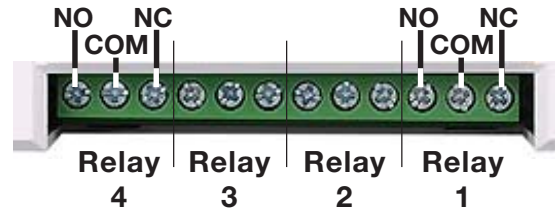
FOB: H: 2-1/2" **W:** 1-1/2" **T:** 5/16"

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

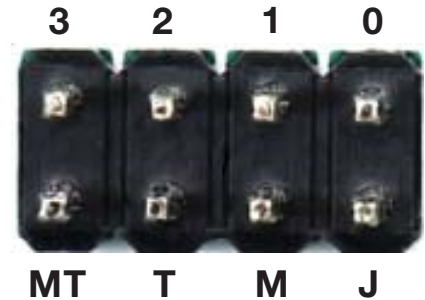
SHIP WT: .3



RELAY TERMINAL STRIP



MODE SELECT HEADER



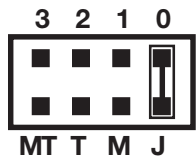
Operational Modes

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



Power Fail Memory:

Jumper: "J" & "0"

Stores & Resumes last Operation when Power Restored

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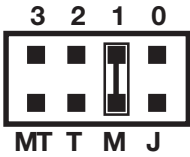
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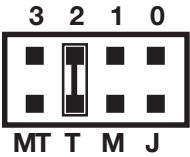
4 Channel Remote Control Relay

Operational Mode Selection



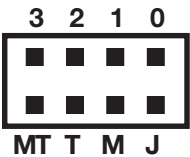
Independent Momentary Action Mode: Jumper: "1" & "M"

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**



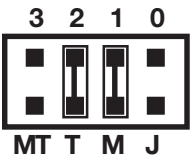
Independent Alternate Action (Toggle) Mode: Jumper: "2" & "T"

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**



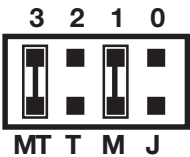
Interlock Action Mode: NO Jumpers

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.



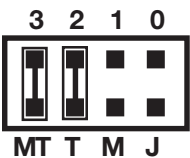
Combo Mode 1: Relays 1&2 Alternate Action-- Relays 3&4 Momentary Action: Jumpers: "M" & "1" and "T"&"2"

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 Jumpers: "M" & "1" and "MT"&"3"

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: Jumpers: "T" & "2" and "MT"&"3"

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**



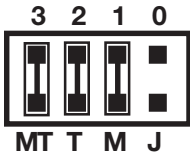
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Operational Mode Selection Cont.



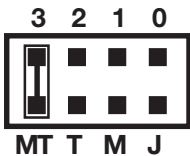
Combo Mode 4: Relay 1 Alternate Action -- Relay 2-4: Momentary Action Mode

Jumpers: "T" & "2", "M" & "1", "MT" & "3"

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:

Jumper: "MT" & "3"

Momentary mode, with Delay on Turn Off. Press Button and the corresponding Relay will stay energized for ~5seconds after release of button. Relays are independently controlled.

PRESS ONLY 1 BUTTON AT A TIME



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