

J&R Fire Fighting
坚瑞消防

Instruction Manual

Dual Action Manual Push Button



1).Description:

The Dual Action Manual Push Button provides a manually initiated discharge facility that is accomplished by pushing two buttons simultaneously. The protective clear glass front cover must first be broken before access to these Buttons is possible



2).Features:

- A. Memory state – discharge indicator will be activated once the units have been discharged and will stay “on” even after resetting power to the control panel
- B. Isolates both positive and negative terminals of the discharge line when in stand-by mode
- C. 100% redundancy built into the unit.
- D. Ready status LED
- E. Requires pushing of 2 buttons simultaneously to activate the discharge sequence

3).Construction:

The device consists of a casing and a front cover mounted with a breakable glass. The body and cover are made of mild steel with epoxy powder coated signal red. Cables are connected via the opening from the side of the casing. The box is mounted to the wall by using two screws through two holes at the back of the casing. The device is normally mounted below a fire control panel.

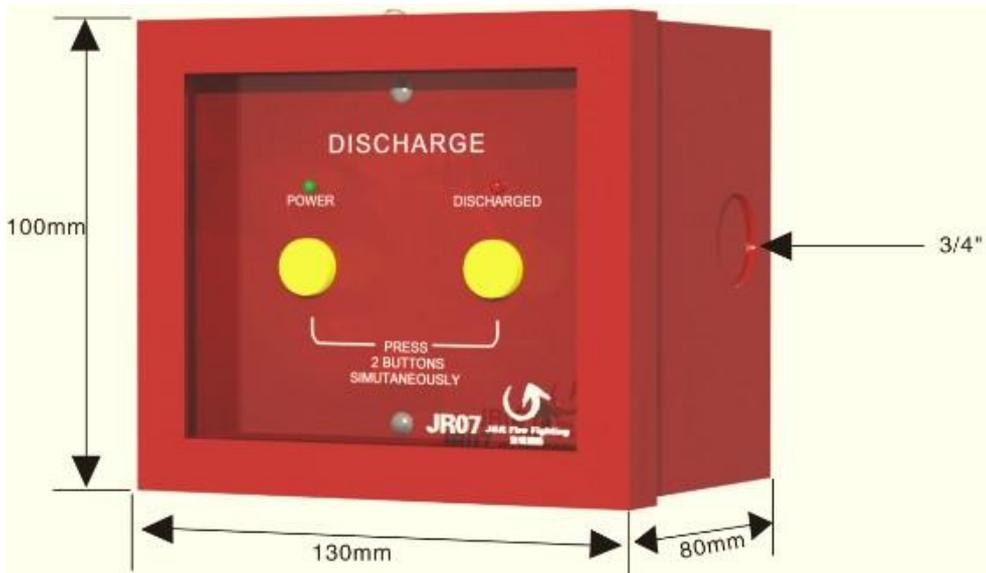


4).Operation:

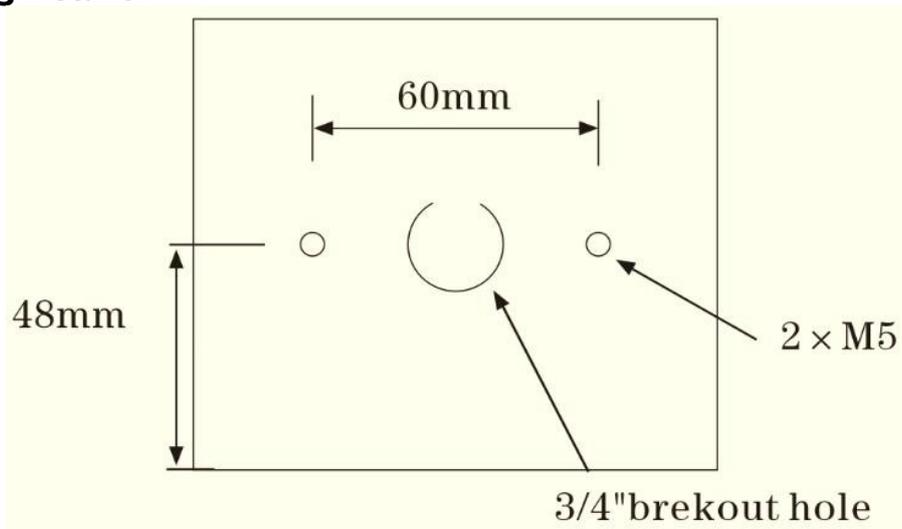
Break glass and push both buttons simultaneously.

5).Dimension:

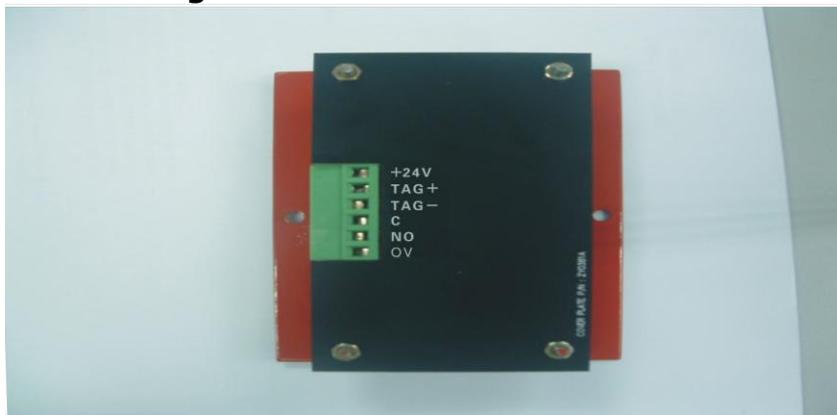
The overall dimension is 100mm (H) x 130mm (W) x 80mm (D).

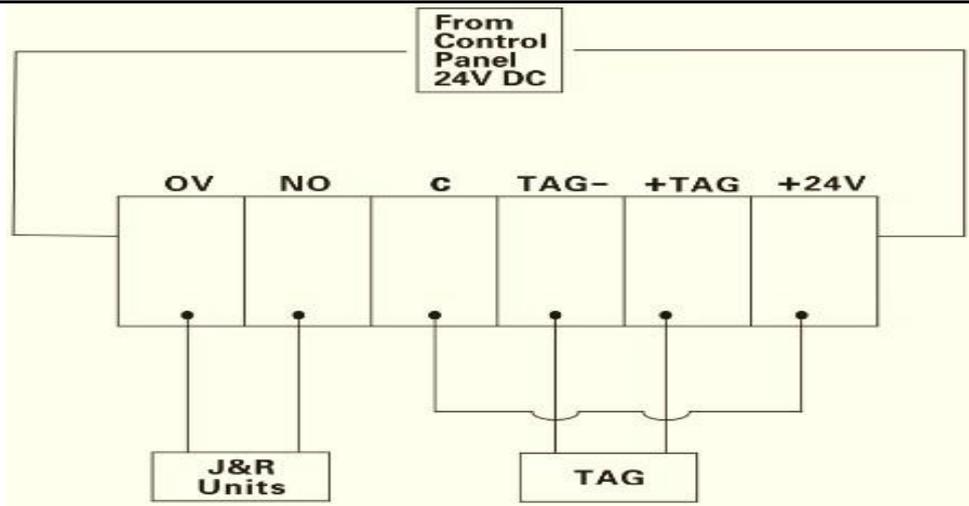


6).Mounting Details:

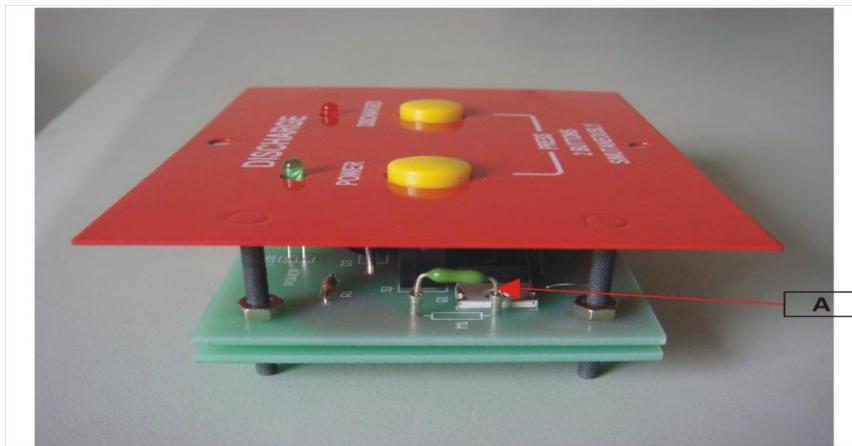


7).Wiring Connection Diagram:





8).Testing & Maintenance:



***WARNING!**

- a) Remove the J&R ignition cable and replace with a test bulb at the Pyrogen generator before doing any testing & maintenance on this unit
- b) Replace component "A" with supplied resettable fuse.
- c) After testing & maintenance, remember to re-insert Component "A"

9).Test procedures:

- Step 1:** Turn 'ON' the system and observe the LED.
- Step 2:** Push either one of the buttons and observe the LED.
- Step 3:** Push both buttons simultaneously and observe the LED.
- Step 4:** Release both buttons and observe the LED.

WARNING! – Turn 'OFF' the power within 10 seconds after pressing both buttons to avoid damaging the DAMPA circuitry.

- Step 5:** Turn 'OFF' the supply and observe the LED.
- Step 6:** Test results **must** tally with the Result Table.
- Step 7:** **Replace the resettable fuse with Component "A" on completion**

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10).Result Table:

STEP	Power (Green LED)	Discharge (Red LED)	Test Bulb
1	ON	OFF	OFF
2	ON	OFF	OFF
3	ON	ON	ON
4	ON	ON	OFF
5	OFF	OFF	OFF

11).Checklist:

No	Description	Pass/Fail	Remarks
1	Testing & Maintenance		
2	Wiring Connection		
3	Component "A" in the original place.		
4	Unit has No Physical Damage		

12) Data

Product Code	JR07
Made In	China
Operating Voltage	24VDC
Operating Current	0.5A max.
Enclosure	Mild steel in Epoxy finish
Dimension	130mm (H) x 100mm (W) x 80mm (D)
Outputs	5A

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