

**HOCHIKI ADDRESSABLE WEATHERPROOF
CALL POINT (MCP-W) INSTALLATION INSTRUCTIONS**

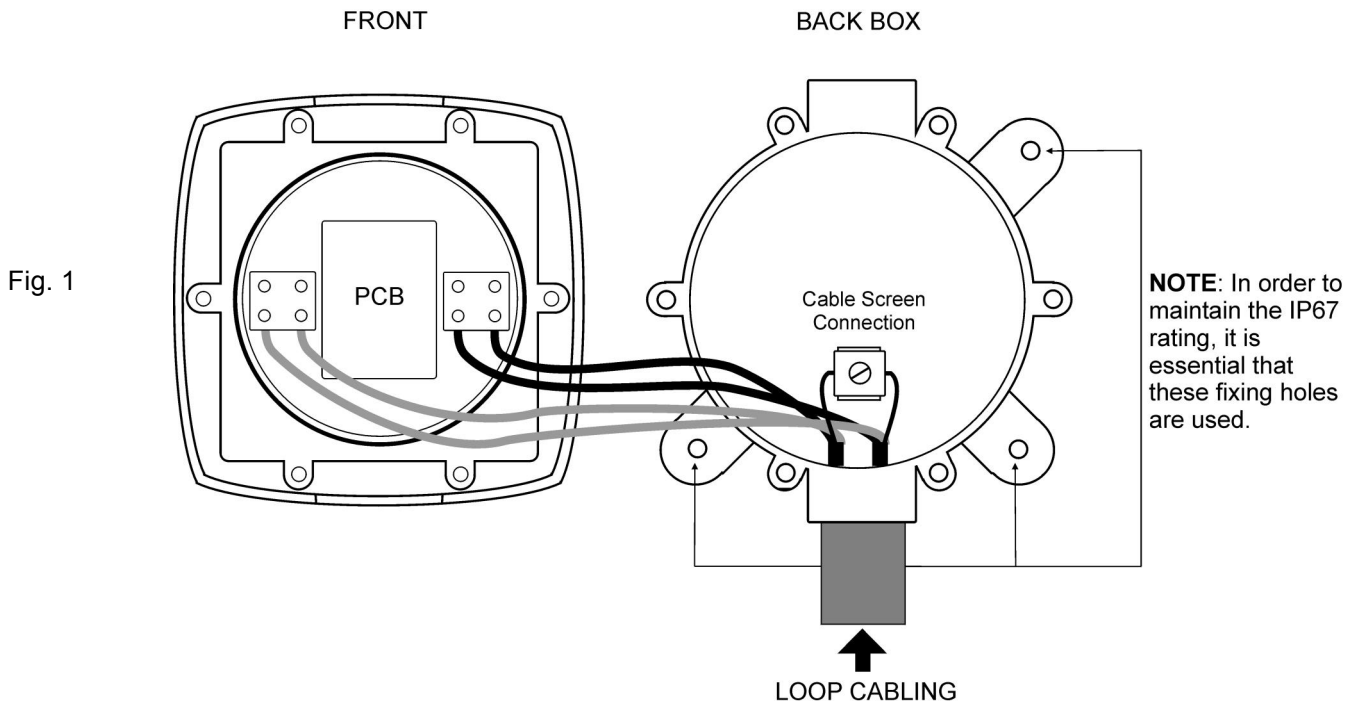


IMPORTANT: This call point is suitable for use only with the particular class of system for which it was intended. This unit is only compatible with the Enhanced Systems Protocol (ESP). It is suitable for outdoors use and has an Ingress Protection rating of IP67.

MOUNTING

Two 20mm threaded cable entries are provided; one at the top and bottom of the unit. If both cable entries are to be used the hole stopper should be removed. If two metal sheathed cables are to be terminated in the back box the earth strip should be used. The earthing strip must be placed in position before the back box is fitted in place.

The back box should be mounted using the pre-drilled fixing holes (see Fig.1.) and then fixed with the screws provided, with the cable access holes in the vertical plane. The cable glands should be fitted in the back box such that the watertight integrity of the Call Point is maintained, the use of an appropriate sealant is recommended. Care should be taken not to distort the back box by applying stress via the cable entry holes.



CONNECTION DETAILS

Before the cables are connected to the terminals on the inside of the Call Point front, the 'O' ring should be examined in order to verify that it is positioned correctly and the ESP loop address must also be set (see over). Set the appropriate ESP loop address ensuring that it is unique i.e. no devices on the same loop have the same address. Connect the loop wiring to the terminal blocks as shown in Fig 1 ensuring the cable screens are connected to the screen connection inside the back box (see Fig 1).

Refer to the table opposite for cable type and connection layouts. It is recommended that a moisture trap loop is included in the conduit. Note that the terminal blocks are not polarity-conscious and that the loop connections must not be greater than 2.5mm² cable diameter for proper fixing to the call point terminals.

CABLE TYPE	LOOP	SPUR
Mechanically protected, i.e. MICC	Use TOP and BOTTOM cable entries	Use BOTTOM cable entry
Non-protected - using conduit (as shown)	Use BOTTOM cable entry	Use BOTTOM cable entry

After the cables are connected offer up the Call Point to the back box such that the 6 socket screws enter their corresponding threaded holes and the cover fits snugly over the back box. Using the hexagonal wrench provided each of the 6 socket screws should be gently screwed down without tension being applied. The socket screws should then be carefully tightened down, initially finger tight, then more firmly, in the sequence shown in Fig. 2 to ensure the Call Point front seats correctly on the back box.

GLASS ELEMENT

The unit is supplied with a standard glass element already fitted, see Fig. 3. If glass is broken it must always be replaced with a breakable GLASS or a NON-FRANGIBLE ELEMENT before the system is put back into service.

TESTING

To test the call point insert the supplied test key into the aperture at the bottom of the unit, the glass (or non-frangible element) will drop and simulate operation of the call point. To reset, remove the key.

SETTING THE ESP LOOP ADDRESS

- ❑ The address is set using the first 7 switches of the 8 way DIL switch located on the back of the front cover.
- ❑ The switch should be in the up position for ON and down for OFF
- ❑ Set the switches as defined opposite for the required address
- ❑ The address will not change until power has been removed from the call point. This can be done by resetting the loop via the control panel.

POLLING LED MODE

To switch the unit into Non-Polling mode (where the Polling LED does NOT flash when polled), locate the DIL switches on the main PCB and ensure DIL switch number 8 is in the "OFF" (0) position. When DIL switch number 8 is in the "ON" (1) position, the Polling LED will flash each time the unit is polled.

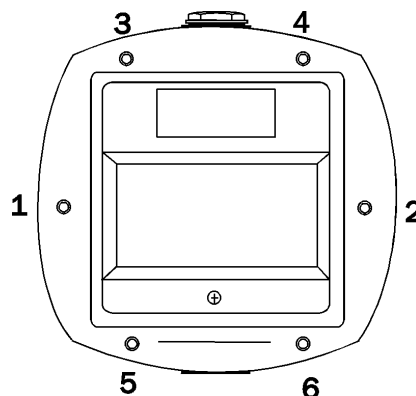


Fig. 2

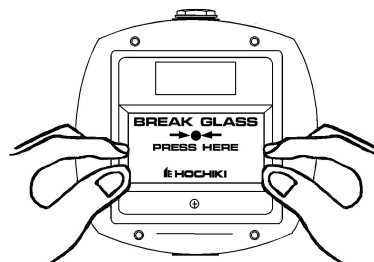


Fig. 3

Switch								Switch								Switch							
1	2	3	4	5	6	7	Addr	1	2	3	4	5	6	7	Addr	1	2	3	4	5	6	7	Addr
●	○	○	○	○	○	○	1	●	○	○	○	○	○	○	43	○	○	○	○	○	○	○	85
○	○	○	○	○	○	○	2	○	○	○	○	○	○	○	44	○	○	○	○	○	○	○	86
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○	○	○	○	○	○	○	5	○	○	○	○	○	○	○	47	○	○	○	○	○	○	○	89
○	○	○	○	○	○	○	6	○	○	○	○	○	○	○	48	○	○	○	○	○	○	○	90
○	○	○	○	○	○	○	7	○	○	○	○	○	○	○	49	○	○	○	○	○	○	○	91
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● = ON ○ = OFF



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