



# Irrigation Controller

## Remote ON / OFF Control



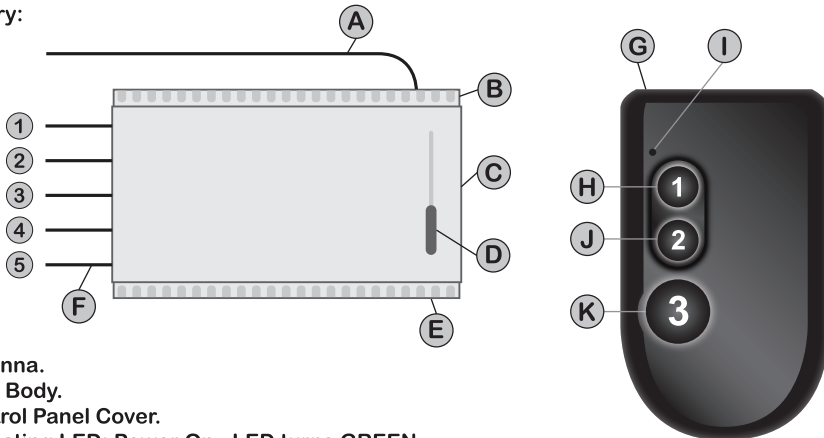
### Specifications:

1. Working Frequency: 433.92 MHz.
2. Working Voltage: 12V to 30V AC/DC.
3. Temperature Range: -20°C to 50°C.
4. Max. Working Current: 50mA.
5. Relay Contact Load Capacity: 1A, 30V DC.
6. Application Environment: In dry indoor place or in the electronic appliance house.
7. Batteries: 1 x 23A 12V battery inside the hand held remote control.

### Safety Instructions:

1. Please make sure that the power to the controller is turned off.
2. Please carefully read the instructions carefully.
3. Please clear the memory before the first operation (see 'Erasing Memorized Transmitter Codes' on reverse).

### Glossary:



- A. Antenna.  
 B. Main Body.  
 C. Control Panel Cover.  
 D. Indicating LED: Power On - LED turns GREEN.  
 : Operating - LED turns ORANGE.  
 or blinks GREEN / ORANGE.

- E. Memory Button: Right side hole, push with pen or similar.  
 F. Connection Wires (1-5): 2 groups determined as follows:

- Group (1-2): Power supply wire, 12V - 30V AC/DC, 50mA max, no fuse, no polarity  
 1. RED: Power Supply.  
 2. BLACK: Power Supply.

- Group (3-5): Relay contact wire, 1A - 30V DC  
 3. GREEN: NC (connect to COMMON input of controller).  
 4. BLUE: Common (connect to COMMON wire of irrigation system - remove from C terminal).  
 5. YELLOW: NO (not required for irrigation controllers).

- G. Transmitter.  
 H/J/K. Transmitter Buttons.  
 I. Transmitter Indicating LED.





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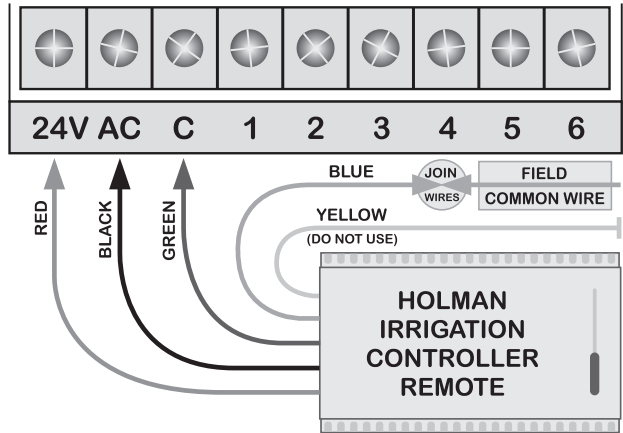
## Connecting to a standard Irrigation Controller

- 1) Connect receiver to your controller outputs.

Store in the controller box.

- 2) When controller is watering the remote allows you to stop & start the watering as you want.

- 3) The black hand held remote uses 1 x 23A 12 Volt battery.



## Operating Instructions

### Erasing Transmitters Memory:

1. Press and hold Memory button (E), the indicating LED (D) will turn ORANGE.
2. Hold down Memory button (E) for about 8 seconds until LED (D) turns GREEN.
3. Release Memory button (E), LED (D) will turn ORANGE again and start to erase all memorized transmitters.
4. Once the LED (D) turns GREEN again the process will be complete and all transmitters will have been deleted.

(NOTE: It is strongly recommended to run through this process during the initial installation).

### Building the Transmitters Memory:

1. Make sure the connection is correct as per the above diagram, turn the power ON, and the indicating LED (D) will turn GREEN.
2. Press the Memory button (E), the LED (D) will turn ORANGE and will allow the transmitter to hold new memory data.
3. Press the transmitter button number 1 (H) on the hand held remote, the LED (D) will turn GREEN.
4. Press the same button again (H), LED (D) will blink 8 times and the memory data will have been successfully transmitted.

(NOTE: If the LED (D) blink only once and turns GREEN, then the operation has failed. If no button is pressed within 8 seconds it will exit the memory setup process).

5. If the process has been unsuccessful, repeat steps 1 - 4.

### General Information:

The hand held remote has 3 channels which work individually with 3 different receivers if required. This pack contains 1 x hand held remote and 1 x receiver, which will enable the user to program 1 button to work directly with the receiver. Any 1 of the 3 buttons can be programmed for this purpose.