



# universal douglays WIR-3110 DIALOG IR Setting Unit User Manual

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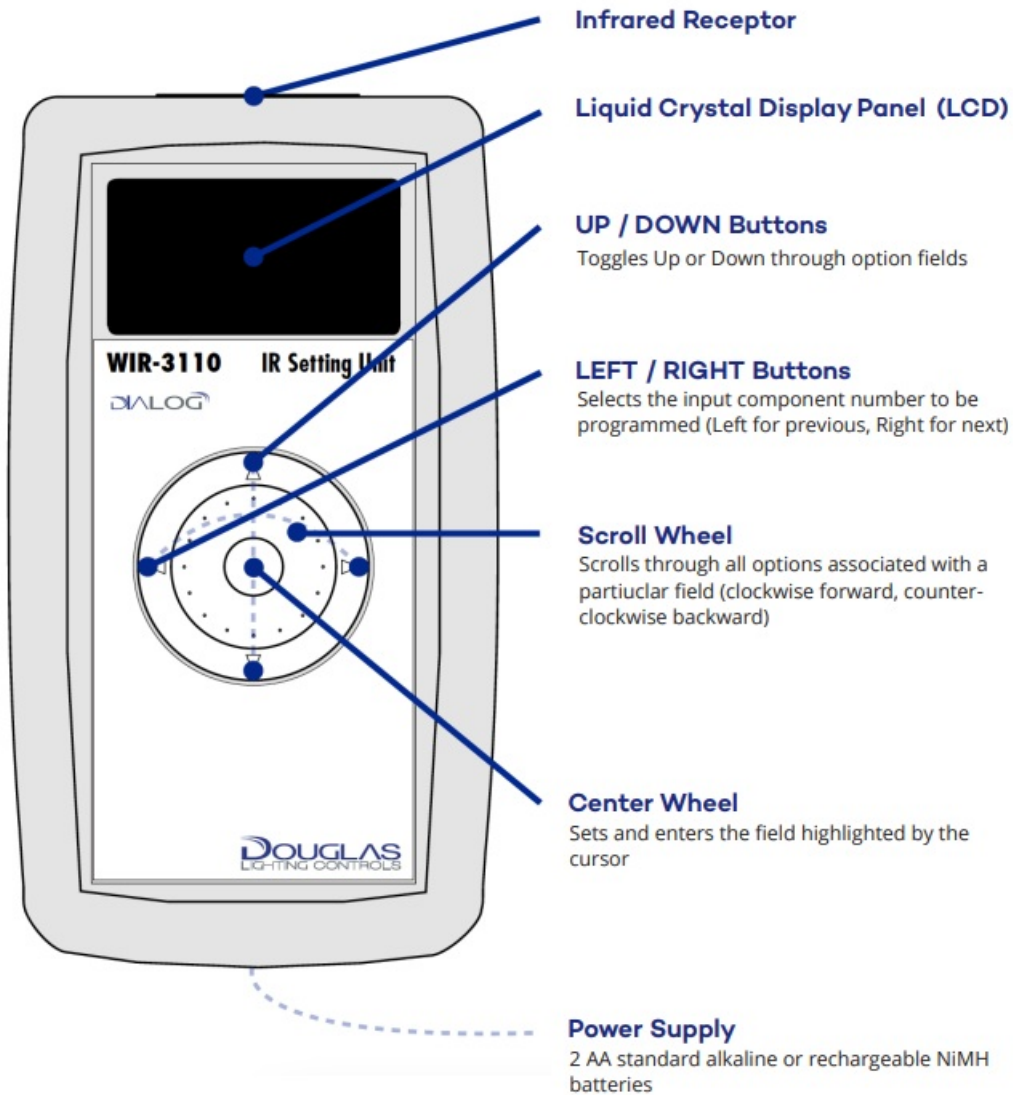




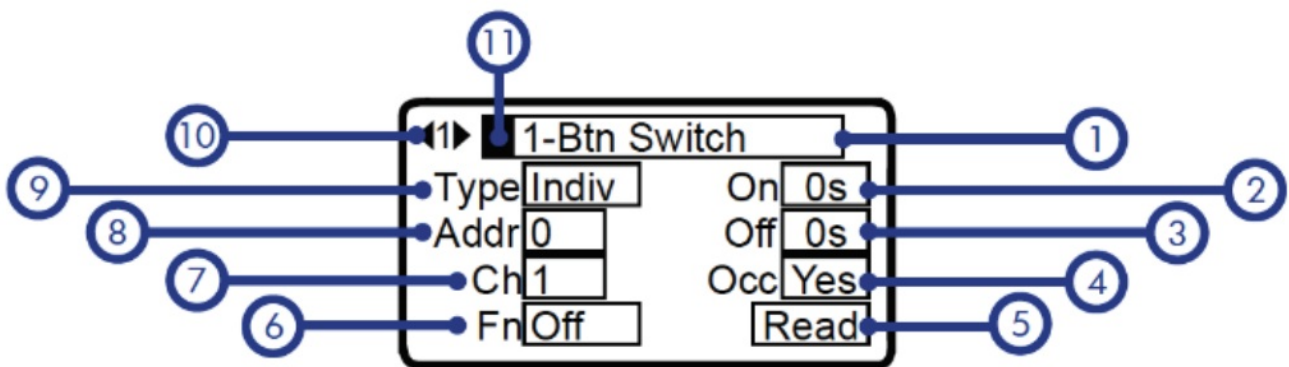
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## Description & Function



Liquid Crystal Display Panel (LCD)



**1. Device Name**

The device that you are programming. Available devices are: 1-4 Button Switch, 8 Button Switch, Dimmer Switch, 8-Contact Input, Key Switch, PIR Occupancy Sensor and Photo Sensor.

**2. Delay ON Time**

Number of seconds an ON command is delayed after being activated. Minimum 0 Seconds – Maximum 40 minutes.

\*When 'Occupancy PIR' is the device selected, this field will indicate the level of sensitivity to apply (from 0-10)\*.

### 3. Delay OFF Time

Number of seconds an OFF command is delayed after being activated. Minimum 0 Seconds – Maximum 40 minutes.

### 4. Occupancy

Indicates whether occupancy sensor connected will use default manufacturer settings for time delay (NO) or time delay as set by the IR Setting Unit (YES) \*for 8-Contact Input Unit only\*.

### 5. Action

The action to be performed by the IR Setting Unit. READ (Reads current settings from a particular device), WRITE (Writes the current settings on the LCD screen to a particular device), CLEAR (Clears all settings associated with a device), OFF (Turns the IR Setting Unit Off).

### 6. Function of Selected Device

Sets a switch's function. Options are: ON only, OFF only, Toggle (ON and OFF), Dim Up, Dim Down. Sets the Contact Input Units function to correspond to the Contact-type that is connected to its terminals.

### 7. Channel Number

Output channel to be programmed.

### 8. Address

Sets the Address for the device being programmed.

### 9. Input Type

Input to target: Individual, Group, Local Preset, Global Preset, Individual Dim, Group Dim.

### 10. Input Component Number

The input component of a device being programmed (multiple button switch or 8-Contact Input Unit).

### 11. Cursor

Indicates a selected item.

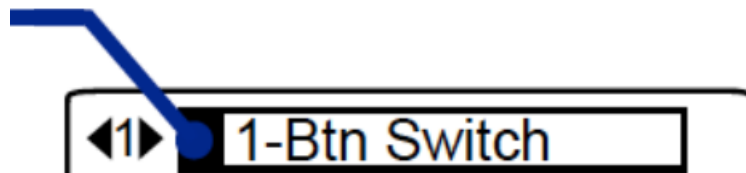
## Setting a Switch

### Setting a Switch

#### Step 1 – Switch Configuration

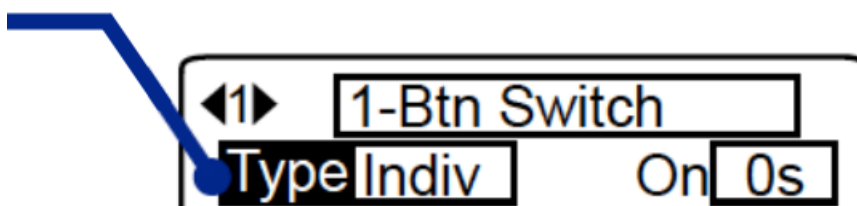
Using the UP/DOWN buttons, move the cursor until it highlights the '#-Button Switch' field.

Select the switch configuration that matches the switch that you are programming by rotating the scroll wheel clockwise or counterclockwise. \*Instructions apply for a Key Switch as well



#### Step 2 – Input Type

Using the UP/DOWN buttons, move the cursor until it highlights the 'Type' field. Select the switch input type to apply to the switch that you are programming by rotating the scroll wheel clockwise or counterclockwise.

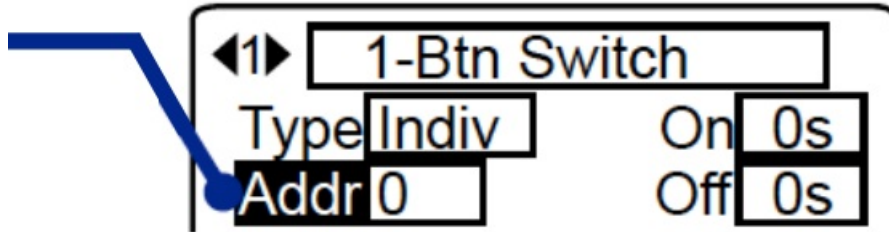


#### Step 3 – Assigning an Address

Using the UP/DOWN buttons, move the cursor until it highlights the 'Addr' field. Select the address you wish to

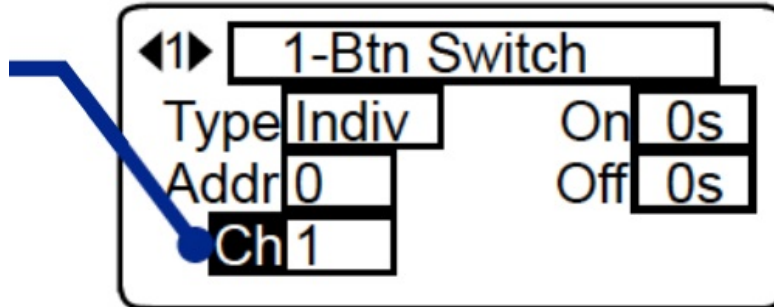


assign the switch by rotating the scroll wheel clockwise or counterclockwise.



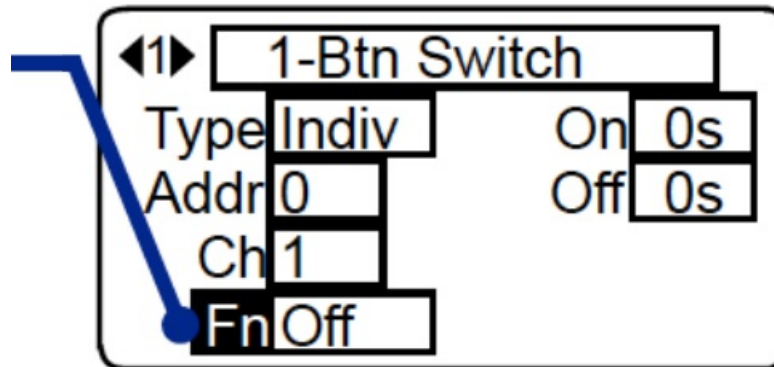
#### Step 4 – Assigning an Output Channel

Using the UP/DOWN buttons, move the cursor until it highlights the 'Addr' field. Select the address you wish to assign the switch by rotating the scroll wheel clockwise or counterclockwise.



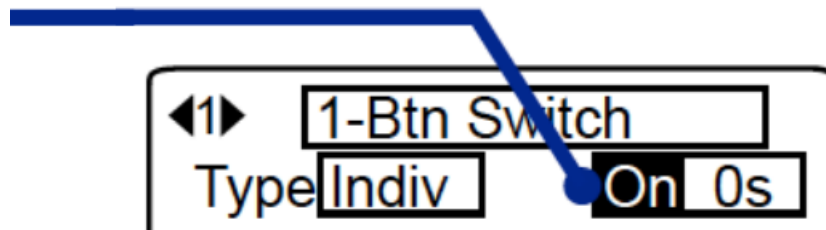
#### Step 5 – Assigning a Function

Using the UP/DOWN buttons, move the cursor until it highlights the 'Fn' field. Select the function you wish to assign the switch by rotating the scroll wheel clockwise or counterclockwise.



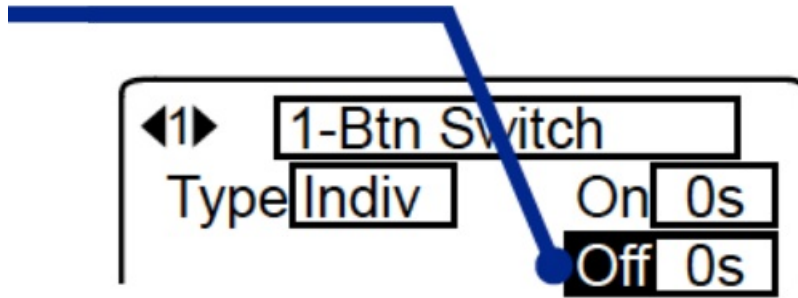
#### Step 6 – Delay ON

Using the UP/DOWN buttons, move the cursor until it highlights the 'On' field. Select the amount of time you wish to delay an ON command after it is initiated. The time can be adjusted from 0 seconds to 40 minutes by rotating the scroll wheel clockwise.



#### Step 7 – Delay OFF

Using the UP/DOWN buttons, move the cursor until it highlights the 'Off' field. Select the amount of time you wish to delay an OFF command after it is initiated. The time can be adjusted from 0 seconds to 40 minutes by rotating the scroll wheel clockwise or counterclockwise.



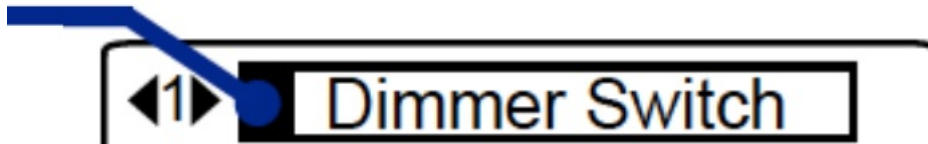
**Step 8 – Writing Programming to a Switch**

Using the UP/DOWN buttons, move the cursor until it highlights the bottom right field. Rotate the center scroll wheel until 'Write' is highlighted. Point the Infrared transmitter approximately 0.5”away from the IR lens of the switch being programmed and press the center button of the IR Setting Unit. You will hear a single solid beep sound indicating that the switch was successfully programmed.

**Setting a Dimmer Switch**

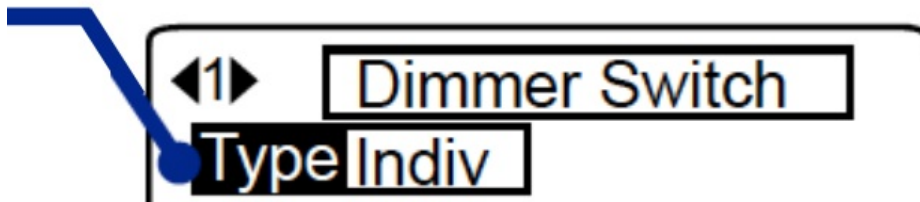
**Step 1 – Switch Configuration**

Using the UP/DOWN buttons, move the cursor until it highlights the 'Dimmer Switch' field.



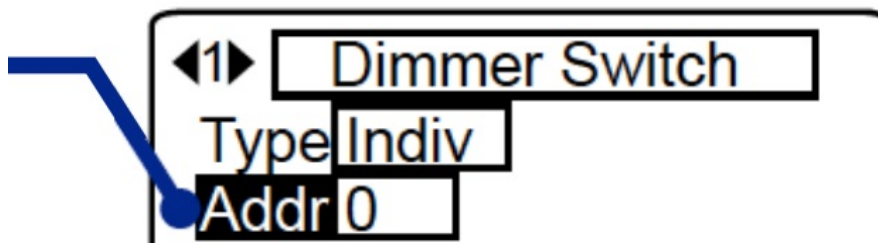
**Step 2 – Dimming Type**

Using the UP/DOWN buttons, move the cursor until it highlights the 'Type' field. Select the dimming type (Dim an individual output channel or Dim a group) to apply to the switch that you are programming by rotating the scroll wheel clockwise or counterclockwise.



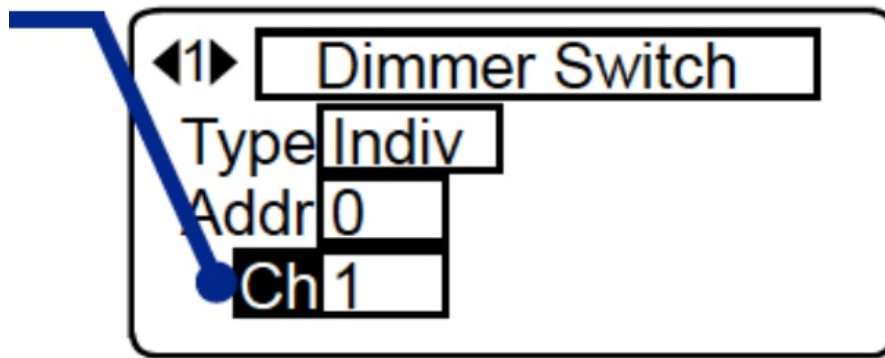
**Step 3 – Assigning an Address**

Using the UP/DOWN buttons, move the cursor until it highlights the 'Addr' field. Select the address you wish to assign the switch by rotating the scroll wheel clockwise or counterclockwise.



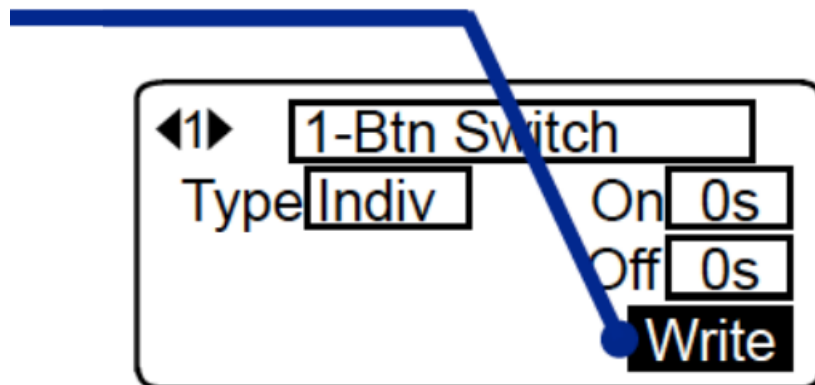
**Step 4 – Assigning an Output Channel**

\*Applicable only when programming an individual dimmer Using the UP/DOWN buttons, move the cursor until it highlights the 'Ch' field. Select the output channel you wish to assign the switch by rotating the scroll wheel clockwise or counterclockwise.



**Step 5 – Writing Programming to a Switch**

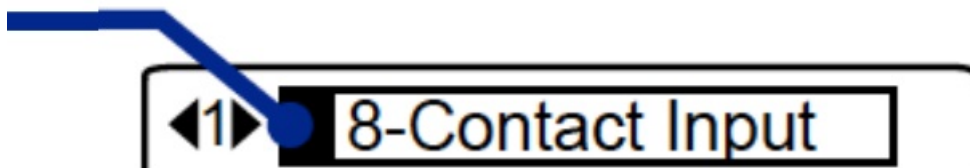
Using the UP/DOWN buttons, move the cursor until it highlights the bottom right field. Rotate the center scroll wheel until 'Write' is highlighted. Point the Infrared transmitter approximately 0.5” away from the IR lens of the switch being programmed and press the center button of the IR Setting Unit. You will hear a single solid beep sound indicating that the switch was successfully programmed.



**Setting a 8-Contact Input Unit**

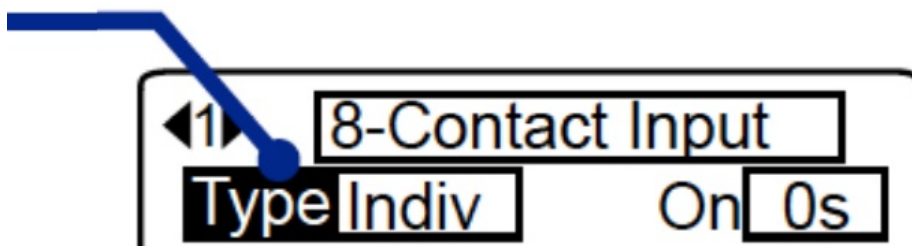
**Step 1 – Selecting a 8-Contact Input Unit**

Using the UP/DOWN buttons, move the cursor until it highlights the '8-Contact Input' field. Select the 8-Contact Input Unit from the list of options by rotating the scroll wheel clockwise or counterclockwise.



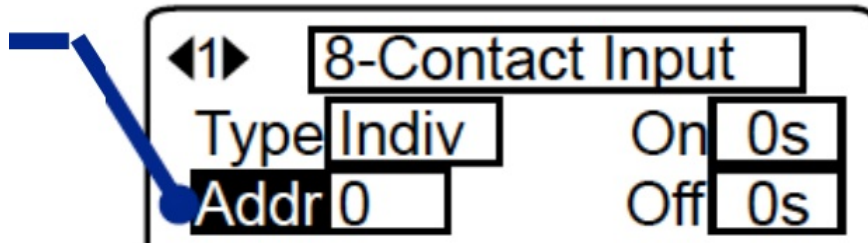
**Step 2 – Input Type**

Using the UP/DOWN buttons, move the cursor until it highlights the 'Type' field. Select the input type to apply to the Contact Input Unit that you are programming by rotating the scroll wheel clockwise or counterclockwise.



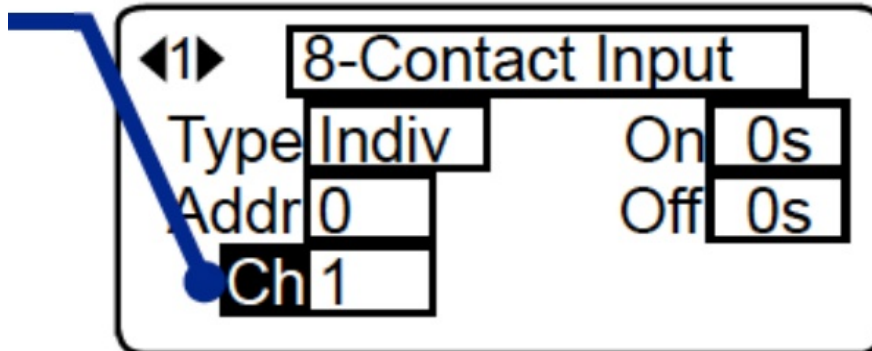
**Step 3 – Assigning an Address**

Using the UP/DOWN buttons, move the cursor until it highlights the 'Addr' field. Select the address you wish to assign the Contact Input Unit by rotating the scroll wheel clockwise or counterclockwise.



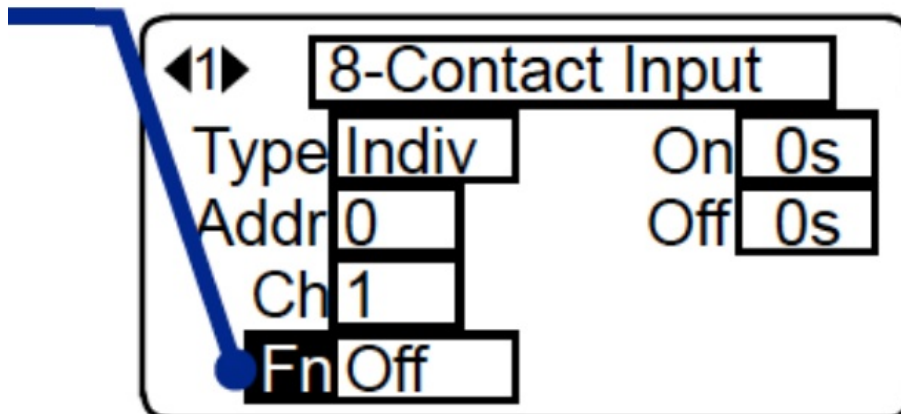
**Step 4 – Assigning an Output Channel**

Using the UP/DOWN buttons, move the cursor until it highlights the 'Ch' field. Select the output channel you wish to assign the Contact Input Unit by rotating the scroll wheel clockwise or counterclockwise.



**Step 5 – Assigning a Function**

Using the UP/DOWN buttons, move the cursor until it highlights the 'Fn' field. Select the function you wish to assign the Contact Input Unit by rotating the scroll wheel clockwise or counterclockwise.



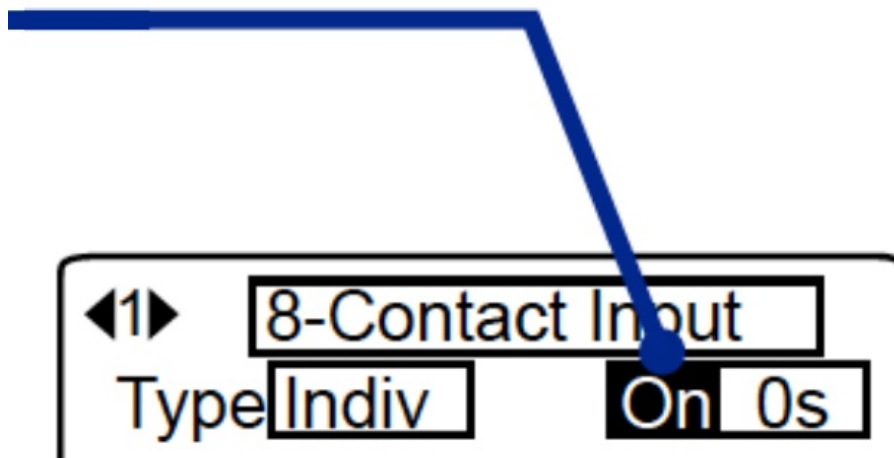
**Available functions are:**



<b>Fn•NA°On</b>	AC Maintained Contact - Closed = No Action Open = ON	<b>Fn•DimUp</b>	AC Maintained Contact - Closed = Dim Up
<b>Fn•NA°Of</b>	AC Maintained Contact - Closed = No Action Open = OFF	<b>Fn°DimDn</b>	AC Maintained Contact - Open = Down Down
<b>Fn•DimDn</b>	AC Maintained Contact - Closed = Dim Down	<b>Fn°DimUp</b>	AC Maintained Contact - Open = Dim Up
<b>Fn•On°Of</b>	AC Maintained Contact - Closed = ON Open = OFF	<b>FnMomOff</b>	AC Momentary Contact - OFF when switched
<b>Fn•On°NA</b>	AC Maintained Contact - Closed = ON Open = No Action	<b>FnMomOn</b>	AC Momentary Contact - ON when switched
<b>Fn•Of °On</b>	AC Maintained Contact - Closed = OFF Open = ON	<b>FnMomTq </b>	AC Momentary Contact - Positive = ON Negative = OFF
<b>Fn•Of °NA</b>	AC Maintained Contact - Closed = OFF Open = No Action		

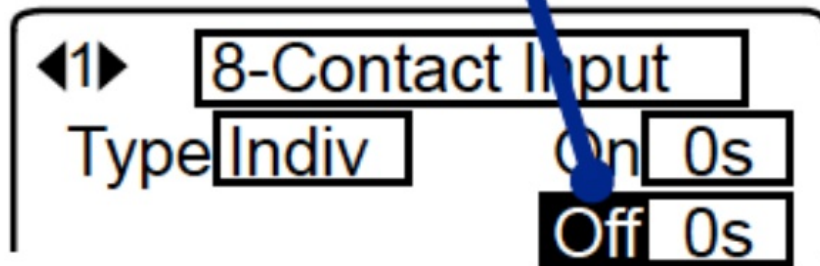
### Step 6 – Delay ON

\*If you are connecting an Occupancy Sensor By Others and wish to use the built in delay time, adjust the time directly on the sensor according to the manufacturers specifications and set the delay ON and OFF fields of the WIR-3110 to 0 Using the UP/DOWN buttons, move the cursor until it highlights the 'On' field. Select the amount of time you wish to delay an ON command after it is initiated. The time can be adjusted from 0 seconds to 40 minutes by rotating the scroll wheel clockwise or counterclockwise.



### Step 7 – Input Type

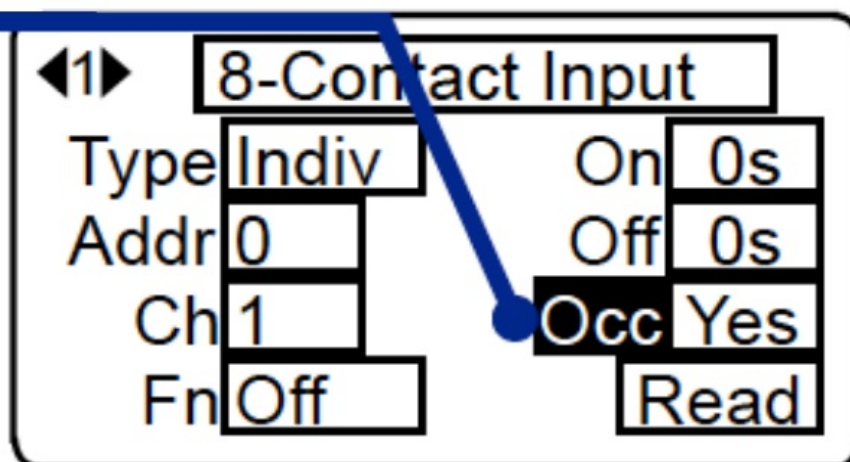
\*If you are connecting an Occupancy Sensor By Others and wish to use the built in delay time, adjust the time directly on the sensor according to the manufacturers specifications and set the delay ON and OFF fields of the WIR-3110 to 0 Using the UP/DOWN buttons, move the cursor until it highlights the 'Off' field. Select the amount of time you wish to delay an OFF command after it is initiated. The time can be adjusted from 0 seconds to 40 minutes by rotating the scroll wheel clockwise or counterclockwise.



### Step 8 – Assigning an Address

Using the UP/DOWN buttons, move the cursor until it highlights the 'Occ' field. Select either ON or OFF.

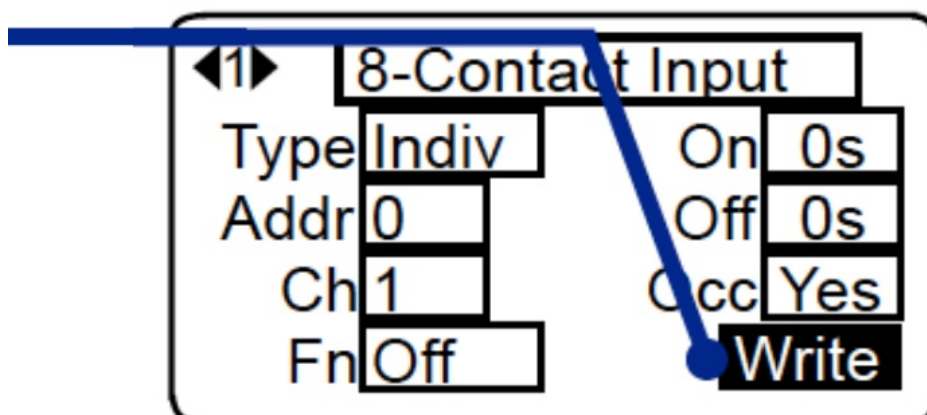
- select ON if you wish to use the delay settings on the IR Setting Unit. Ensure that the adjustable delay time directly on the sensor is set to the lowest setting possible.
- select OFF if you wish to use the delay settings provided by the manufacturer directly on the sensor. Using the UP/DOWN buttons, move the cursor until it highlights the 'Occ' field. Select either ON or OFF.



### Step 9 – Assigning an Output Channel

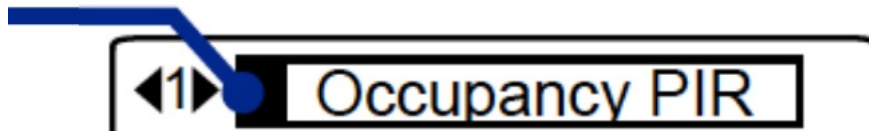
Using the UP/DOWN buttons, move the cursor until it highlights the bottom right field.

Rotate the center scroll wheel until 'Write' is highlighted. Point the Infrared transmitter approximately 0.5" away from the IR lens of the switch being programmed and press the center button of the IR Setting Unit. You will hear a single solid beep sound indicating that the switch was successfully programmed.



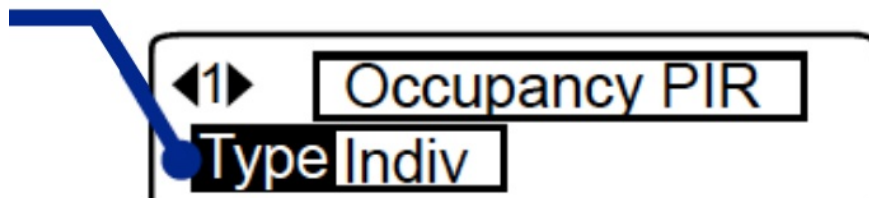
### Step 1 – Delay ON

Using the UP/DOWN buttons, move the cursor until it highlights the 'Occupancy PIR' field.



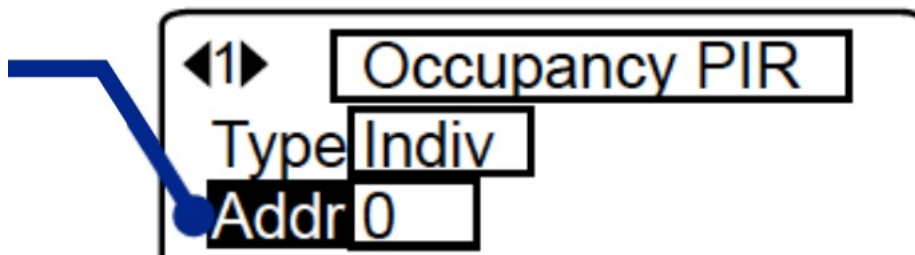
### Step 2 – Input Type

Using the UP/DOWN buttons, move the cursor until it highlights the 'Type' field. Select the input type (Individual, Group, Preset Local, Preset Global) to apply to the sensor that you are programming by rotating the scroll wheel clockwise or counterclockwise.



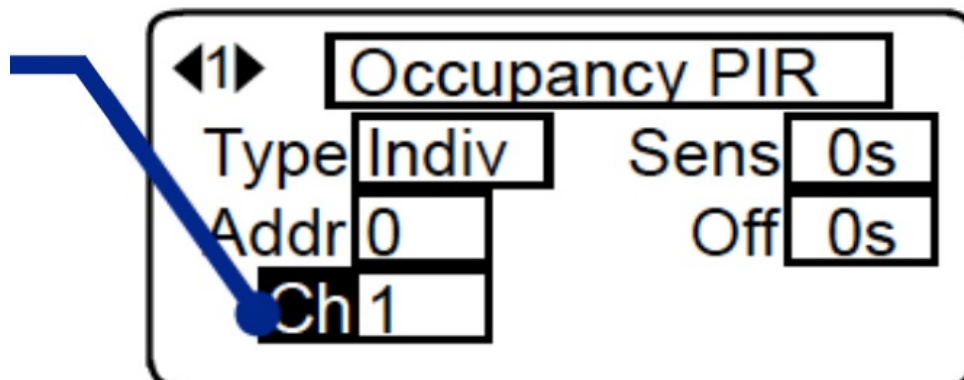
### Step 3 – Assigning an Address

Using the UP/DOWN buttons, move the cursor until it highlights the 'Addr' field. Select the address you wish to assign the sensor by rotating the scroll wheel clockwise or counterclockwise.



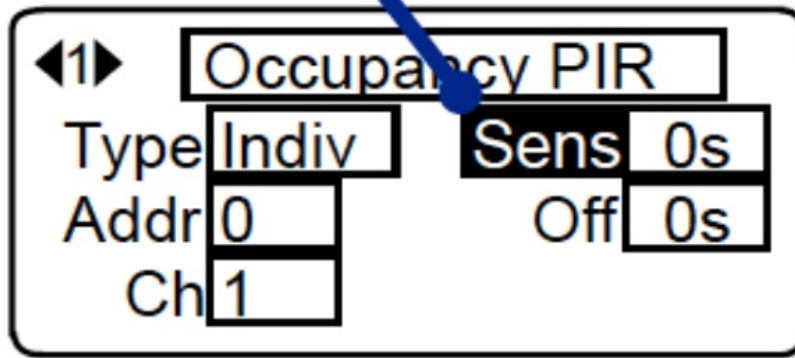
### Step 4 – Assigning an Output Channel

Using the UP/DOWN buttons, move the cursor until it highlights the 'Ch' field. Select the output channel you wish to assign the Occupancy Sensor by rotating the scroll wheel clockwise or counterclockwise.



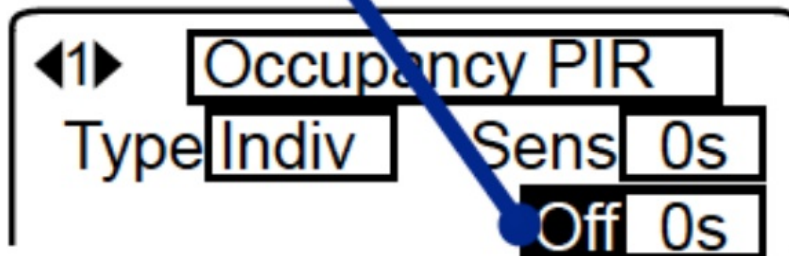
### Step 5 – Input Type

Using the UP/DOWN buttons, move the cursor until it highlights the 'Sens' field. Select the level of sensitivity (1 – 10) you wish to apply to the Occupancy Sensor being programmed. A level of '1' being the least amount of sensitivity and a level of '10' being the greatest.



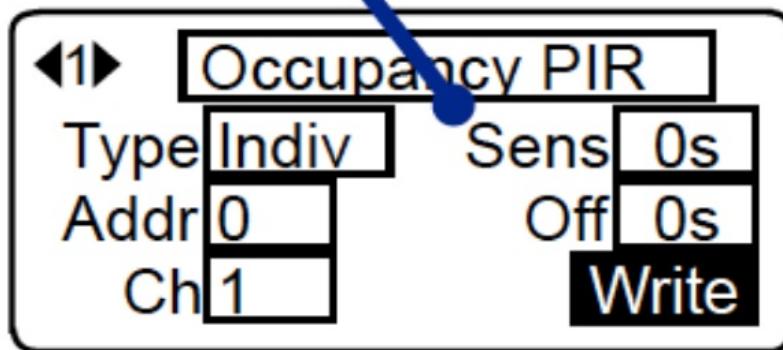
**Step 6 – Assigning an Address**

Using the UP/DOWN buttons, move the cursor until it highlights the 'Off' field. Select the amount of time you wish to delay an OFF command after it is initiated. The time can be adjusted from 0 seconds to 40 minutes by rotating the scroll wheel clockwise or counterclockwise.



**Step 7 – Assigning an Output Channel**

Using the UP/DOWN buttons, move the cursor until it highlights the bottom right field. Rotate the center scroll wheel until 'Write' is highlighted. Point the Infrared transmitter approximately 0.5" away from the IR lens of the sensor being programmed and press the center button of the IR Setting Unit. You will hear a single solid beep sound indicating that the sensor was successfully programmed.



**Setting a Photo Sensor**

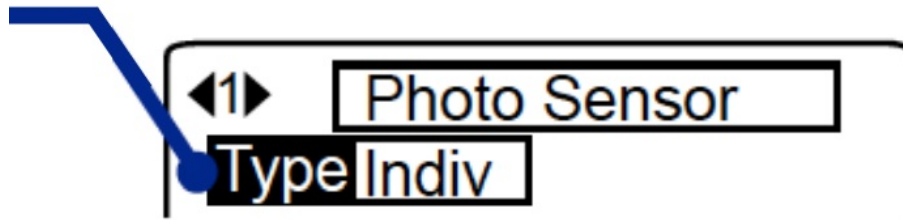
**Step 1 – Photo Sensor Selection**

Using the UP/DOWN buttons, move the cursor until it highlights the 'Photo Sensor' field.



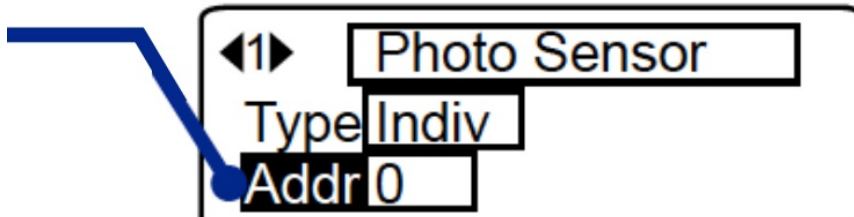
**Step 2 – Photo Type**

Using the UP/DOWN buttons, move the cursor until it highlights the 'Type' field. Select the input type (Local Photo and Global Photo) to apply to the sensor that you are programming by rotating the scroll wheel clockwise or counterclockwise.



### Step 3 – Assigning an Address

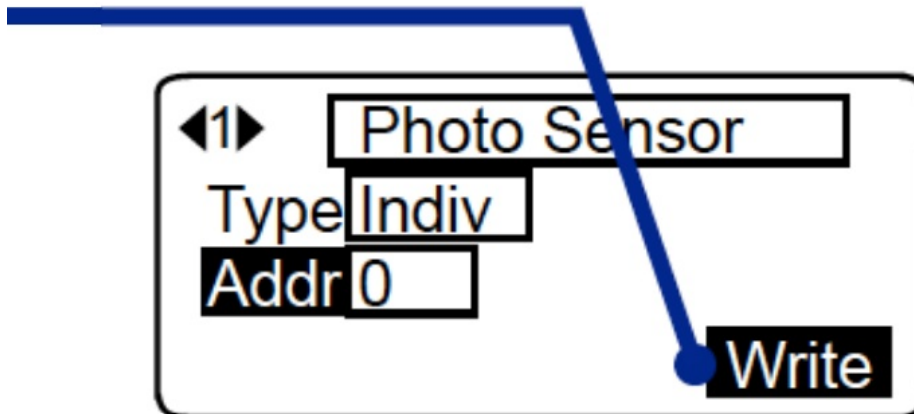
Using the UP/DOWN buttons, move the cursor until it highlights the 'Addr' field. Select the address you wish to assign the sensor by rotating the scroll wheel clockwise or counterclockwise.



### Step 4 – Writing Programming to a Photo Sensor

Using the UP/DOWN buttons, move the cursor until it highlights the bottom right field.

Rotate the center scroll wheel until 'Write' is highlighted. Point the Infrared transmitter approximately 0.5" away from the IR lens of the sensor being programmed and press the center button of the IR Setting Unit. You will hear a single solid beep sound indicating that the switch was successfully programmed.



### Notes

Learn More at [www.universaldouglas.com](http://www.universaldouglas.com)





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## Documents / Resources



[universaldouglays WIR-3110 DIALOG IR Setting Unit](#) [pdf] User Manual

WIR-3110 DIALOG IR Setting Unit, WIR-3110, DIALOG IR Setting Unit, IR Setting Unit, DIALOG Setting Unit, Setting Unit, WIR-3110 Setting Unit

## References

- [Universal Douglas](#)
- [Universal Douglas](#)