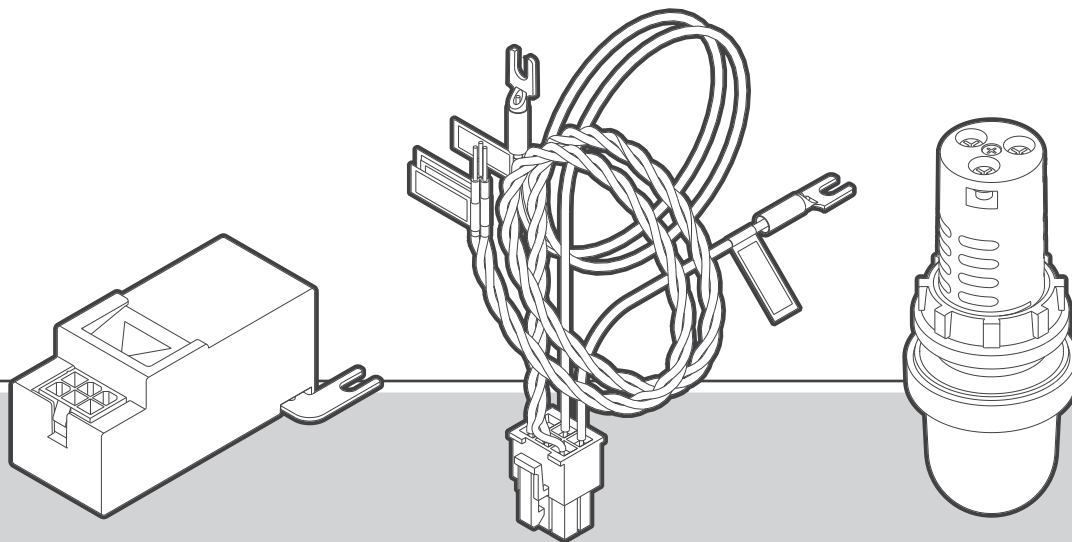


A2C-LEDKT

QUICK START GUIDE



External Status Light

Status Output Station Light for ACC2 Controllers

Hunter®

The A2C-LEDKT is an external status light known as an SOS (Status Output Station) light. This guide provides installation instructions for the alarm and status light kit for Hunter ACC2 Controllers. In wall-mounted controllers, the light is attached through one of the bottom conduit holes.

In pedestal or custom-mounted applications, the electrical installation is identical, but mounting needs may vary.

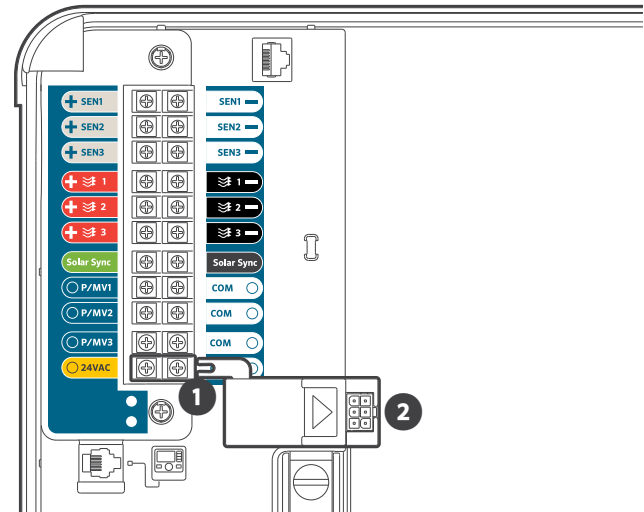
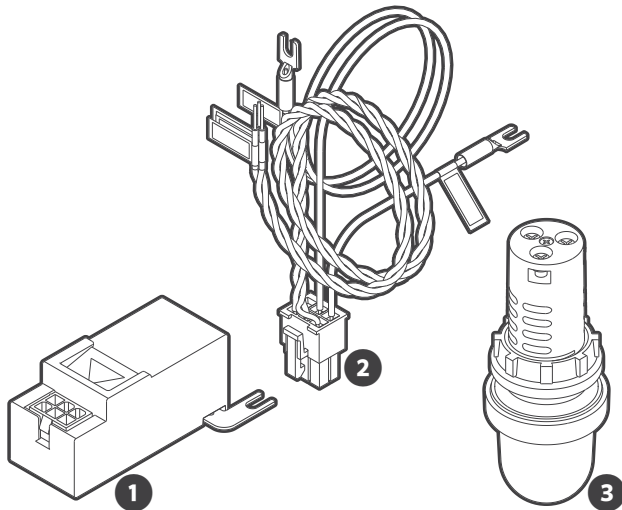
Kit Components

1. Activation module
2. Wiring harness
3. Light fixture

After installation, the light operation is set up in the controller menu.

Install Activation Module

- Turn off the controller power.
 - Attach the module to the bottom COM (Common) terminal on the power supply board with the spade lug.
 - The terminal may not be used for any other purpose when this module is connected, and no other devices should be attached to it.
1. Spade lug (to COM terminal)
 2. Activation module



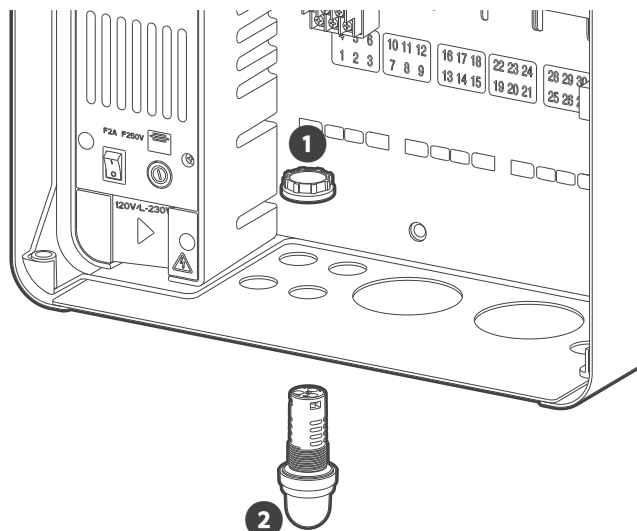
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Install Light Fixture

1. Plastic nut
2. Light fixture

Provide access for the light fixture through an unused conduit hole (metal enclosures), or drill or knock out a conduit hole (plastic enclosures, other).

Remove the plastic nut from the fixture, and insert the fixture through the selected conduit hole. Secure in place with the nut.



Wire Light Fixture

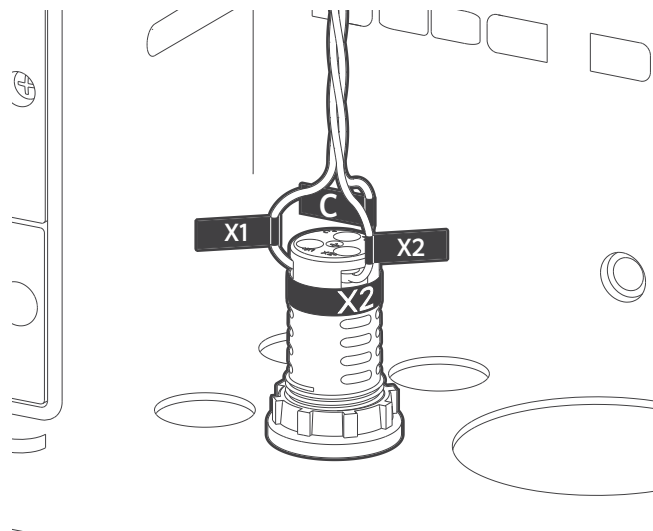
Connect the three twisted wire ends from the wiring harness to the light fixture with a Phillips screwdriver, carefully observing the correct location of each wire, as labeled.

C: Black

X1: Red

X2: Green

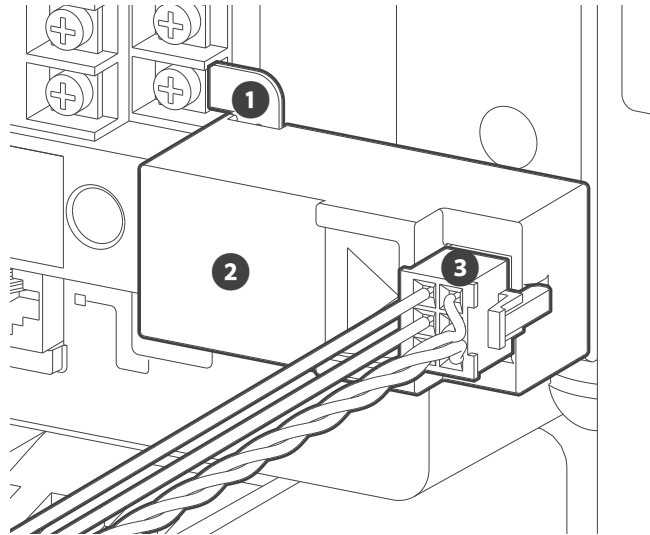
The terminals are marked on the fixture body but can be hard to see.



Connect Light Fixture to Module

Plug the modular connector on the end of the wiring harness into the module until it clicks into place.

1. Spade lug attached to COM
2. Activation module
3. Wiring harness connection (to light fixture)

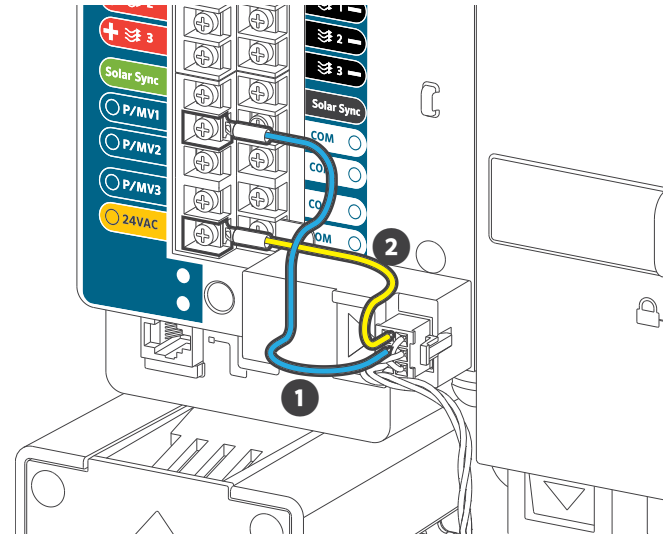


Connect Module to Power Terminal

Connect the yellow wire from the module to the yellow 24 VAC terminal on the power supply board.

Connect the blue wire from the module to the designated SOS output.

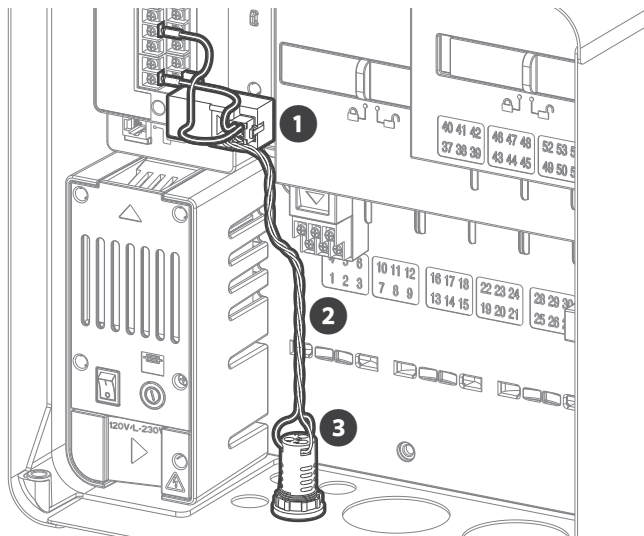
- In most cases, this will be an unused P/MV output terminal.
 - In this example, we will use P/MV3.
 - In a conventional controller, it can also be any unused station output (such as station 54).
1. Blue wire to P/MV3 (SOS output)
 2. Yellow wire to 24 VAC terminal



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Finished Installation

1. Module
2. Wiring
3. Light fixture



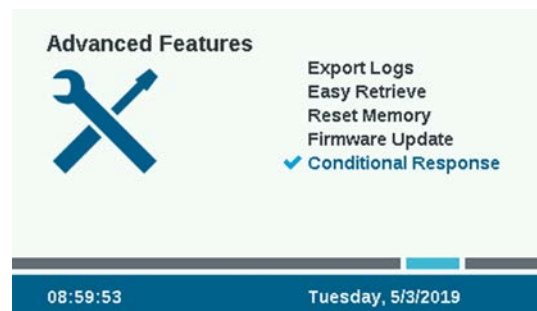
Restore power to the controller, and proceed to set up in the controller programming screens.

The designated SOS output must not be used for any other purpose, and no other devices should be attached to it.

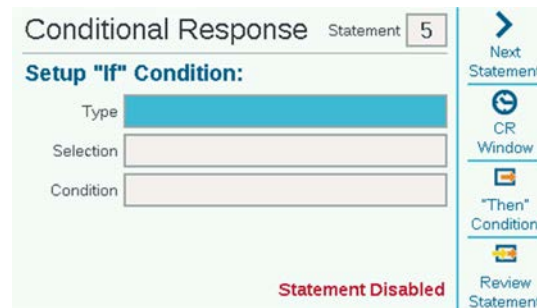
Note: Never attach the light kit to a decoder output. In decoder controllers, only the P/MV terminals may be used to activate the light.

Set Up Conditional Response in Advanced Features

Use the dial to navigate to the Advanced Features menu. Select Conditional Response.



A controller may have up to 35 Conditional Response statements. If the first statement is already in use, navigate to the next unused statement to set up the response.



For “Type,” select the type of condition that will turn the SOS light red. Types of conditions that can be used to activate the SOS light are:

- Hunter Click or Solar Sync® Sensors (active)
- Flow zone (flow alarm)
- MainSafe® (flow alarm)
- Any alarm
- Critical alarms

Generally, the light kit is intended to be used with “Critical Alarm,” which is any serious condition that will affect future irrigation.

Conditional Response Statement 5

Setup "If" Condition:

Type: Critical Alarm

Selection: ---

Condition: Alarm

Statement Disabled

Next Statement
CR Window
"If" Condition
Review Statement

Now click the soft key for “Then” condition, and select "Start SOS Output" as the Type.

Conditional Response Statement 5

Setup "Then" Condition:

Type: Start SOS Output

Selection: None

Statement Disabled

Next Statement
CR Window
"If" Condition
Review Statement

Move to Selection, and select the output for the SOS light. This corresponds with the terminal that the blue wire in the kit is attached to.

Conditional Response Statement 5

Setup "Then" Condition:

Type: Start SOS Output

Selection: P/MV 3

Statement Disabled

Next Statement
CR Window
"If" Condition
Review Statement

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- This will designate the output as SOS only. The P/MV or station selected cannot be used for any other purpose, and it cannot be placed in irrigation programs.
- If a P/MV is already included in an irrigation program, it will not appear in the selection list and cannot be selected.
- Decoder controllers must use P/MV outputs 1, 2, or 3.

Click the “Review Statement” soft key. If the completed statement is the response you want, click the Enable Statement button and exit the screens. The SOS light will now be enabled.



Troubleshooting

If the light is red when there's no alarm and green when there is an alarm, or it fails to light at all, check the wiring of the three connections on the light fixture.

It's possible to have more than one statement activate the SOS output:

- One statement could activate the SOS for Critical Alarms.
- Another statement could activate the SOS for an active sensor.

It's not possible to have more than one SOS output.

- If the SOS output station or P/MV is changed in one of the statement screens, it will also change for all statements that call for an SOS response.

FCC Notice

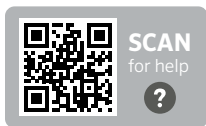
This equipment has been tested and found to comply with the limits for a Class B digital device pursuant to Part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses, and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, you are encouraged to try to correct the interference by taking one or more of the following measures:

- Reorient or relocate the receiving antenna.
- Increase the separation between the equipment and receiver.
- Connect the equipment into an outlet on a circuit different from that of which the receiver is connected.
- Consult the dealer or an experienced radio/TV technician for help.

Changes or modifications not expressly approved by Hunter Industries could void the user's authority to operate this device. If necessary, consult a representative of Hunter Industries Inc. or an experienced radio/television technician for additional suggestions.

Troubleshooting

Scan below for additional information about your product, including installation tips, controller programming, and more.



hunter.help/ACC2

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