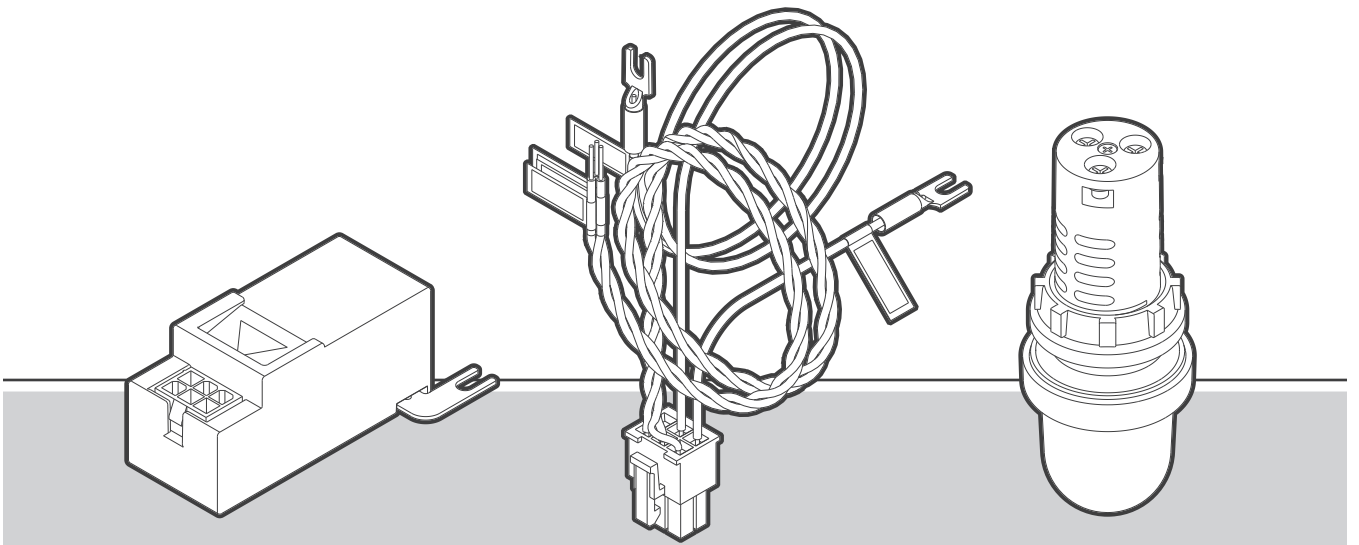
A2C-LEDKT

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 that is designed for Hunter ACC2 controllers. 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

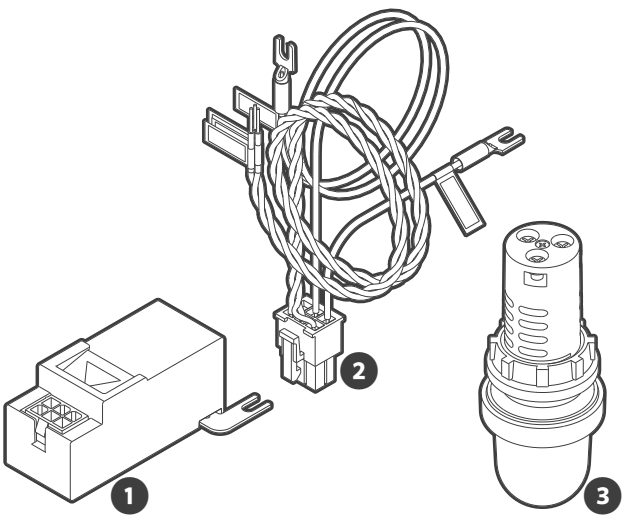
1. Activation module
2. Wiring harness
3. Light fixture

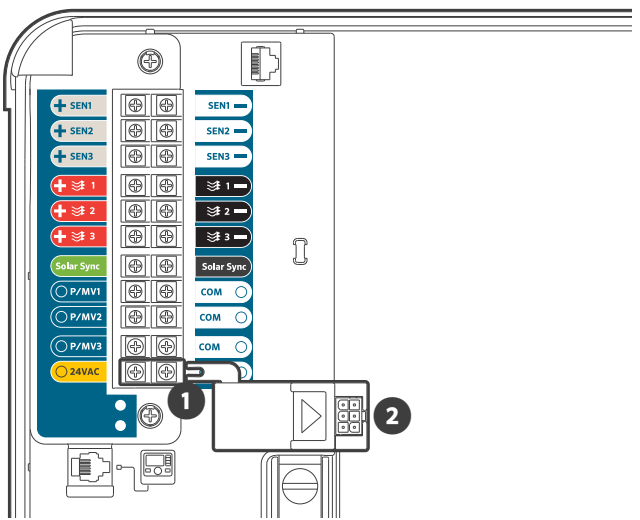
After installation, the light operation is set up in the controller menu.

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



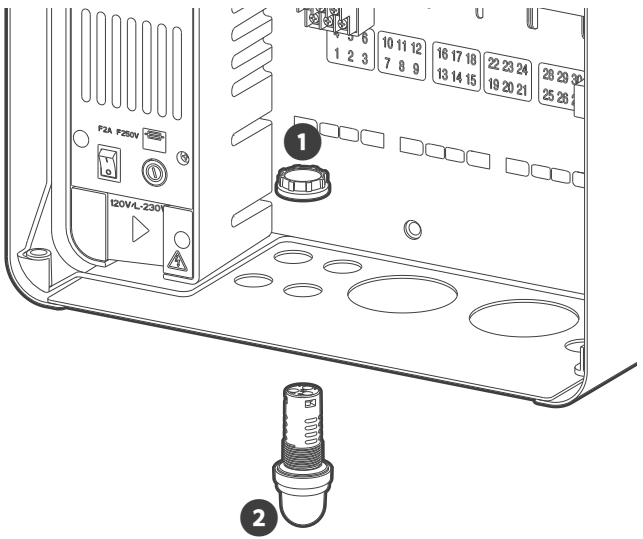


Install Light Fixture

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

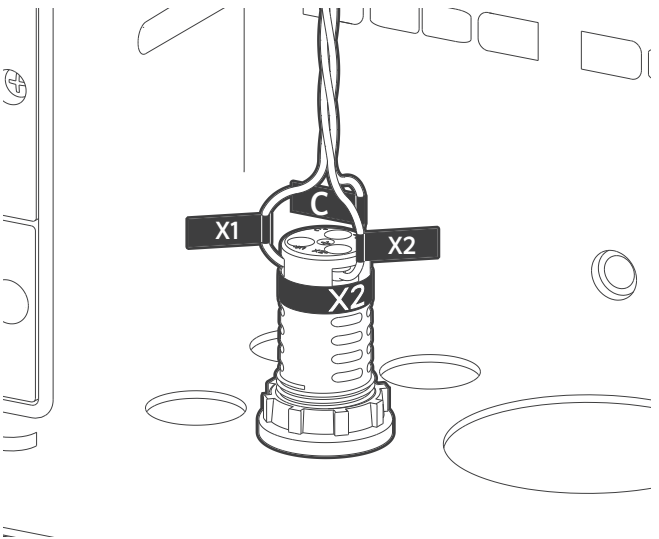
Connect the three twisted wire ends from the wiring harness to the light fixture with a Phillips screwdriver, carefully observing the correct location of each wire, as labeled.

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)

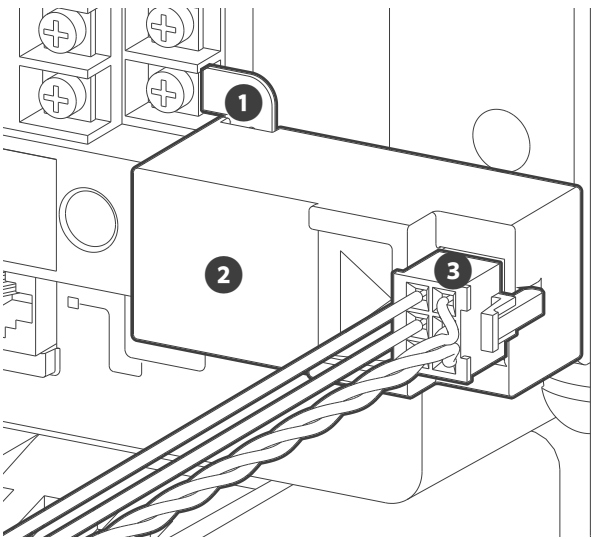
Connect Module to Power Terminal

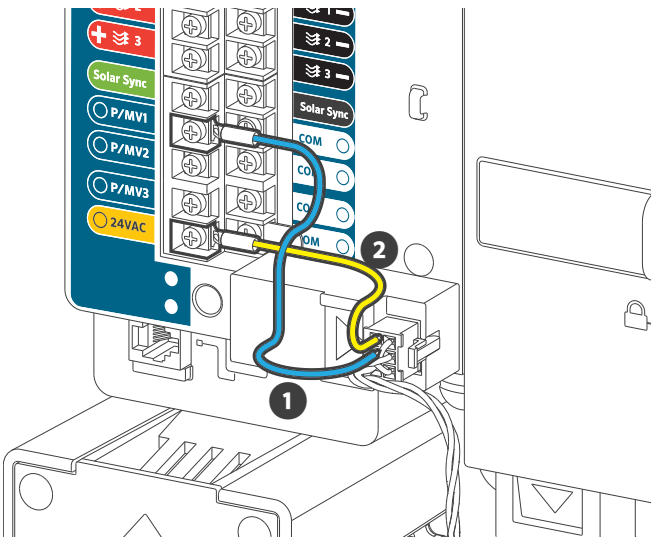
Connect the yellow wire from the module to the yellow 24 VAC terminal on the power supply board.

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).

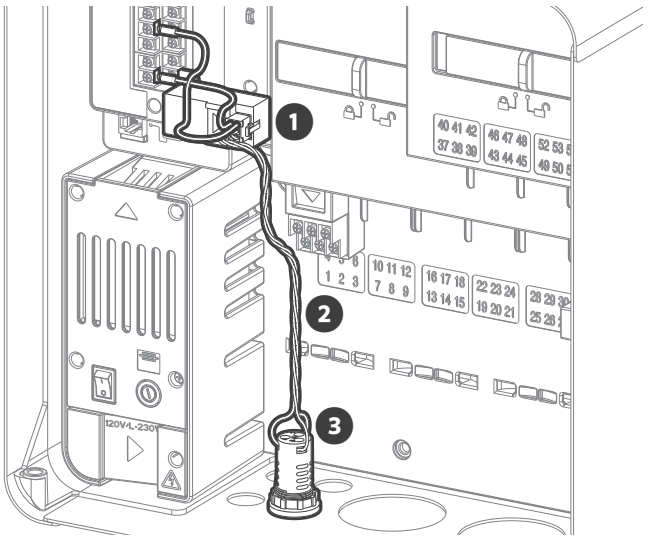
1. Blue wire to P/MV3 (SOS output)
2. Yellow wire to 24 VAC terminal





Finished Installation

1. Module
2. Wiring
3. Light fixture



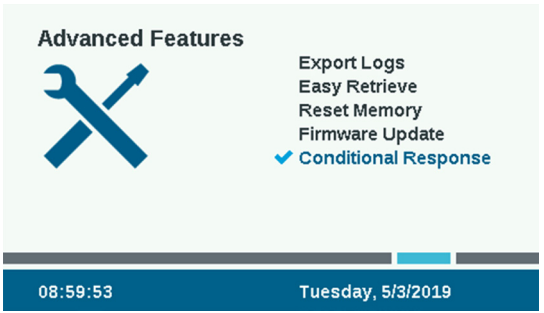
Restore power to the controller, and proceed to set up in the controller programming screens.

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

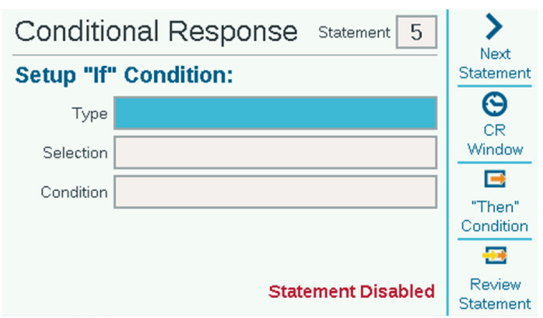
Note: Never attach the light kit to a decoder output. In decoder controllers, only the P/MV terminals may be used to activate the light.

Set Up Conditional Response in Advanced Features

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



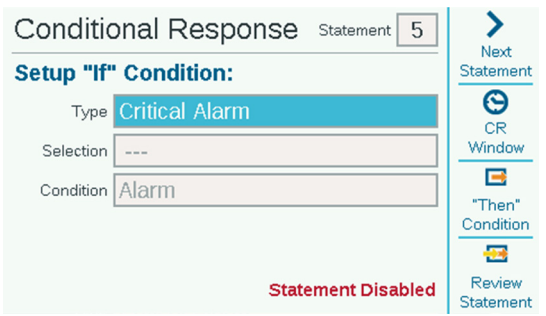
A controller may have up to 35 Conditional Response statements. If the first statement is already in use, navigate to the next unused statement to set up the response.



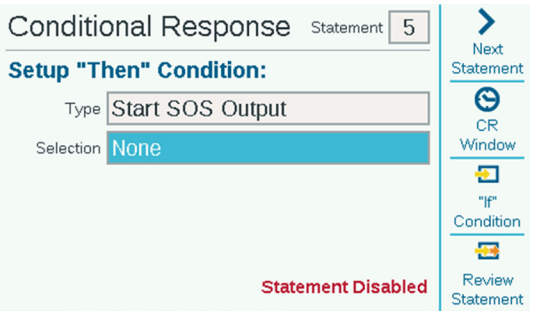
For “Type,” select the type of condition that will turn the SOS light red. Types of conditions that can be used to activate the SOS light are:

- Clik or Solar Sync® sensors (active)
- Flow zone (flow alarm)
- MainSafe™ (flow alarm)
- Any alarm
- Critical alarms

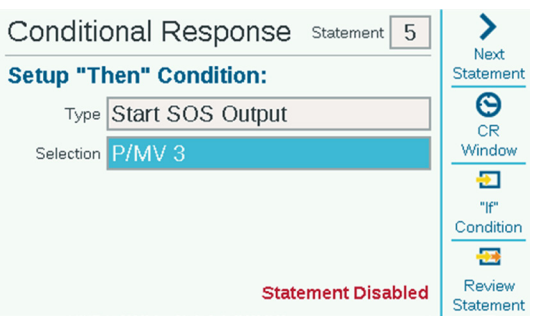
Generally, the light kit is intended to be used with “Critical Alarm,” which is any serious condition that will affect future irrigation.



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

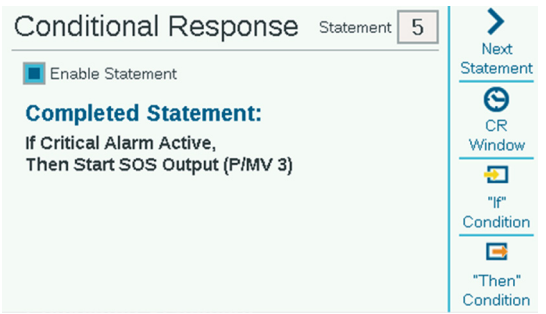


Move to Selection, and select the output for the SOS light. This corresponds with the terminal that the blue wire in the kit is attached to.



- This will designate the output as SOS only, and the P/MV or station selected cannot be used for any other purpose, and 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.



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

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

It is 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.

Troubleshooting

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

FCC Notice

This equipment generates, uses, and can radiate radio frequency energy and, if not installed and used in accordance with the manufacturer's instruction manual, may cause interference with radio and television reception. 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. This device complies with Part 15 of the FCC Rules. Operation is subject to the following two conditions:

1. This device may not cause harmful interference.
2. This device must accept any interference received, including interference that may cause undesired operation.

FCC regulations provide that changes or modifications not expressly approved by Dell Inc. could void your authority to operate this equipment. These limits are designed to provide reasonable protection against harmful interference in a residential installation. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference with 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 steps:

- Reorient the receiving antenna.
- Relocate the system with respect to the receiver.
- Move the system away from the receiver.
- Plug the system into a different outlet so that the system and the receiver are on different branch circuits.
- Consult the dealer or an experienced radio/TV technician for help.

If necessary, consult a representative of Hunter Industries Inc. or an experienced radio/television technician for additional suggestions.

Changes or modifications not expressly approved by Hunter Industries could void the user's authority to operate this device.

Industry Canada Notice

This device complies with Industry Canada license-exempt RSS standard(s). Operation is subject to the following two conditions:

- This device may not cause interference, and
- This device must accept any interference, including interference that may cause undesired operation of the device.

Le présent appareil est conforme aux CNR d'Industrie Canada applicables aux appareils radio exempts de licence. L'exploitation est autorisée aux deux conditions suivantes :

- L'appareil ne doit pas produire de brouillage, et
- L'utilisateur de l'appareil doit accepter tout brouillage radioélectrique subi, même si le brouillage est susceptible d'en compromettre le fonctionnement.

CE Notice

Hunter Industries hereby declares that this product is in compliance with the essential requirements and other relevant provisions of Directive 2014/53/EU and all other EU directive requirements.

This symbol means the product must not be discarded as household waste, and should be delivered to an appropriate collection facility for recycling. Proper disposal and recycling helps protect natural resources, human health, and the environment. For more information on disposal and recycling of this product, contact your local municipality, disposal service, or the shop where you bought this product.

Please dispose of used batteries properly, following local regulations. Do NOT incinerate.

Frequency band of operation:

- 2,400 MHz to 2,480 MHz

Bluetooth®:

- Maximum transit power less than 20 dBm EIRP

Bluetooth Low Energy:

- Maximum power spectral density less than 10 dBm/MHz EIRP

Troubleshooting

Find more helpful information about your product, including installation tips, controller programming, and more.

hunter.direct/acc2help

1-800-733-2823

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