

## LIGHT AND SOUND ALARM KIT OPERATION

The Light and Sound Alarm Kit is designed to provide additional feedback to the user when a flow error is present. This kit adds a louder horn and an indicator light to the controller.

**WARNING:** Exposure to loud sounds can cause hearing loss. Take appropriate safety measures.

An Aqua Light and Sound Alarm Kit may be ordered directly from our website at [www.aquaconserve.com](http://www.aquaconserve.com)

### Specifications

Input	:	5-28 volts AC or DC
Sound Volume:		0 to 104dB @ 1ft
Housing Plastic:		4.5"H x 1.6"W x 1.9"D

### Warranty

Aqua Conserve, Inc. will repair or replace any Aqua Conserve product that fails under normal use within 3 years of the original purchase date. For a return authorization call Aqua Conserve.

The foregoing warranty shall not apply to defects or claims for service resulting from, but not limited to: Improper or inadequate maintenance by the consumer, unauthorized modifications, operation outside the specifications of the product, damage from neglect or improper handling or loss of profits from improper installation.



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Read more about Aqua Conserve and ET on our  
website: [www.aquaconserve.com](http://www.aquaconserve.com)

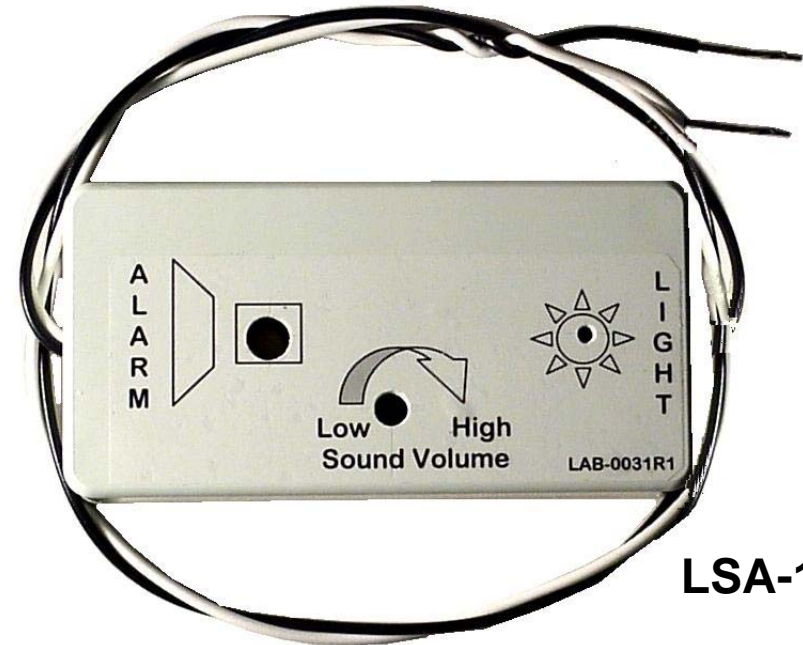
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Saving Water through Technology

## Light and Sound Alarm Kit



**LSA-1**

The Aqua Conserve Light and Sound Alarm Kit is designed to provide both a louder alarm and a light to indicate irrigation controller or flow errors for the Ultimo series ET-16u through ET-66u SP. The alarm volume is adjustable from off up to 104dB. The red light is a flashing LED that can be located on any side of the controller.

*Please read through all instructions before installing.*

## INSTALLING THE ALARM

The alarm is designed for installation indoor, or within the irrigation controller enclosure. The alarm comes with 2 feet of wire that can be shortened or lengthened by adding additional wire as required for installation. When the alarm is powered, a red light will flash.

### Step #1 CONNECTING THE ALARM

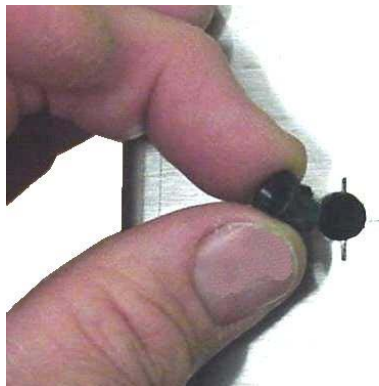
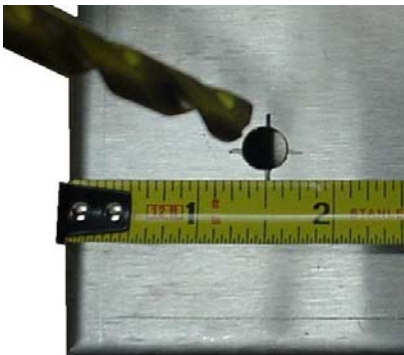
- Insert the white wire into a common "C" terminal. You may need to press down on the bar, next to the terminal, to insert the wire.
- Insert the black wire into the fourth pump. or "P4" terminal. You may need to press down on the bar next to the terminal to insert the wire.



### Step #2 INSTALLING THE LIGHT

The light is a LED located on the back of the housing. The light should be located on the side that is most visible, when you look at the controller. In most cases this will be the front of the enclosure.

- Drill a hole using a 5/16 inch diameter hole, through the box to mount the light. The hole should be located 1-1/2" from each side of the box.
- From the outside of the box, insert the black LED bezel into the hole you drilled.



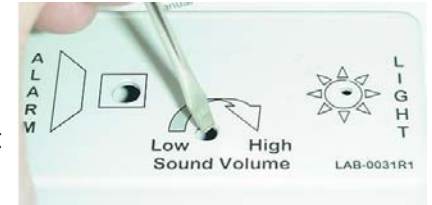
### Step #3 INSTALLING THE ALARM BOX

- Remove the release paper from one side of the Velcro and press the Velcro onto the box.
- Remove the release paper from the other side of the Velcro and attach the alarm box inside the controller making sure the LED is inserted into the bezel you installed into the box.



### Step #4 TESTING ALARM OPERATION

- On the controller, press the button located below "Man".
- Press the "Less" button until the Station: shows "MV4"
- Press the "Next" button and the minutes will flash.
- Press the "More" button to set at least 1 minute of operation.
- Press the button located below "Go" and the alarm will sound.



Depending upon the volume setting, the alarm will be off to loud. Insert a small blade screwdriver into the hole, as shown, to adjust the volume.

### Step #5 PROGRAMING THE CONTROLLER

- To set the controller to operate the alarm, you will need to program the controller to use the fourth pump station as an alarm.
- From the run mode screen, press the button located under "Setg" twice.
- Press next until the "N" next to "MV4 as Horn:" is flashing.
- Press "More" and the "N" will change to "Y".
- Press the "Exit" button to return to the run mode.

The alarm should only be activated when a flow error is detected. To turn the alarm off, while it is sounding, follow the instructions on the screen of the controller.