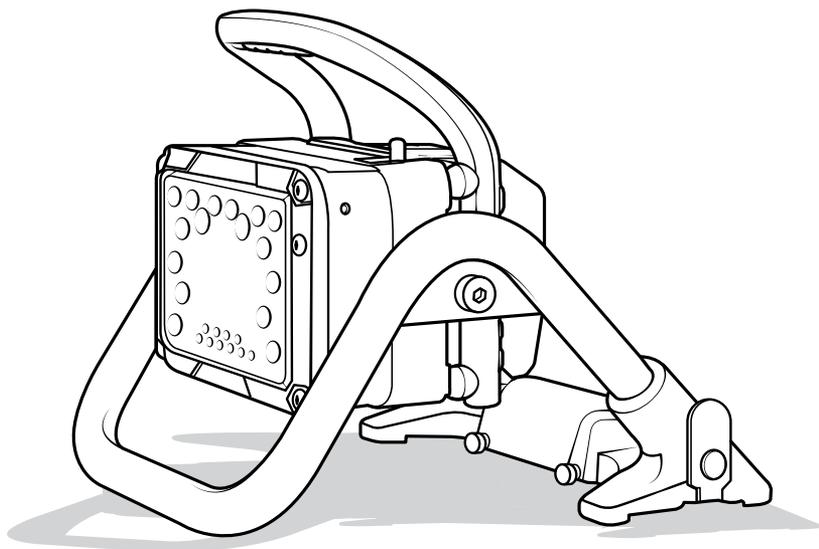




**AKRON**  
BRASS COMPANY

## Revel Scout® Scene Light

### Operating and Maintenance Instructions



# Introduction

Thank you for purchasing the Revel Scout LED Scene Light. The Revel Scout is a tactical LED scene light designed to increase the safety of both firefighters and emergency responders. With versatile mounting options and a removable, rechargeable battery, the portable Revel Scout revolutionizes the operational ease of fire scene lighting.

The Revel Scout combines a spot and flood light pattern of 14,000 lumens in a 12 lb. package, and evenly illuminates both entire exterior scenes and interior spaces.

This manual includes the basic instructions for installation, operation and maintenance of the Revel Scout LED Scene Light.

## Safety Warnings

**IMPORTANT!** Please read these instructions carefully. They contain important information regarding safety, operation, maintenance and storage of this product. Use this product correctly and with care for the purpose for which it is intended. Failure to do so may cause damage, or personal injury, and could invalidate the warranty. Retain these instructions for future reference.

**Note:** a **WARNING** indicates a hazardous situation which if not avoided **COULD** result in death or serious injury.

### **WARNING!**

- **READ AND UNDERSTAND ALL INSTRUCTIONS.** Failure to follow all instructions could result in electrical shock, fire and/or serious injury.
- The light head gets hot during use. To reduce the risk of burns, do not touch the light head while hot.
- Avoid dangerous environments. Do not charge battery pack in wet or damp locations. Do not use battery pack or charger in the presence of gaseous fumes, dust or flammable materials as sparks could be generated while inserting or removing battery from charger and possibly cause a fire.
- Do not burn, incinerate, crush, drop or otherwise damage battery pack. Battery packs may explode if burned, incinerated or crushed. Replace damaged battery pack immediately and dispose of battery pack according to federal, state or local requirement.

**Note:** a **CAUTION** indicates a potentially hazardous situation which if not avoided may result in minor or moderate injury.

## **CAUTION!**

- Use only the charger supplied by the manufacturer to recharge batteries. A charger that may be suitable for one type of battery may create a risk of fire when used with another battery.
- Use scene light only with specifically designated battery pack. Use of any other batteries may create a risk of fire.
- When battery pack is not in use, keep it away from metal objects like: paper clips, coins, keys, or other small metal objects that can make a connection from one terminal to another. Shorting the battery terminals together may cause sparks, burns, or a fire.
- Charge in a well ventilated area. Do not block vents on charger.

**Note:** a **Notice** addresses practices not related to personal injury.

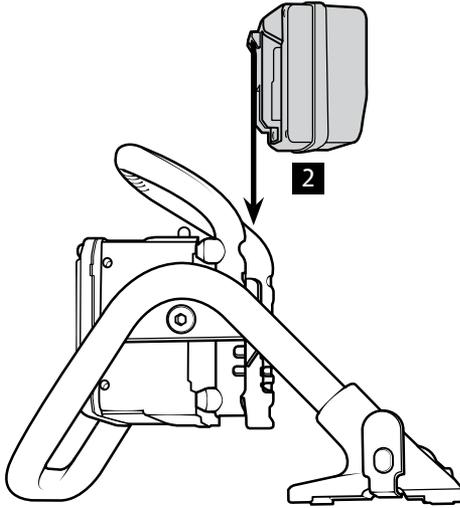
## **Notice**

- When unplugging charger, pull on plug and not on cord to reduce the risk of damage to the plug and cord. Never carry charger by cord.
- Do not operate charger with a damaged cord. Replace immediately if damaged.
- Keep away from heat, oil and sharp objects.
- Do not remove or discard labels from product. These contain important information.
- Store the battery and charger in a cool, dry place. Do not store battery where temperatures may exceed 122F [50C] such as in a vehicle during summer or direct sunlight.
- At the end of the batteries useful life, consult your local authorities for proper battery disposal.

# Use

## Deploying The Light

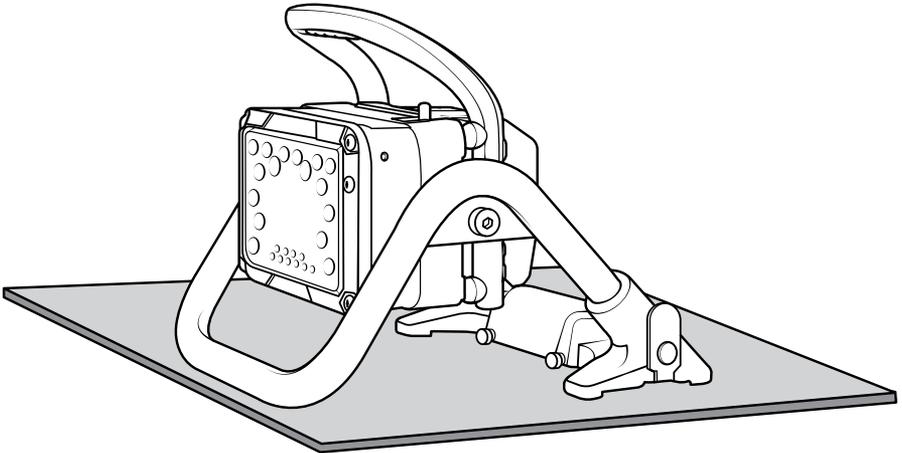
1. Fully charge the battery before the first use of the light (see Charging the Battery).
2. Slide the battery down onto the light until you hear a click.



There are four deployment positions.

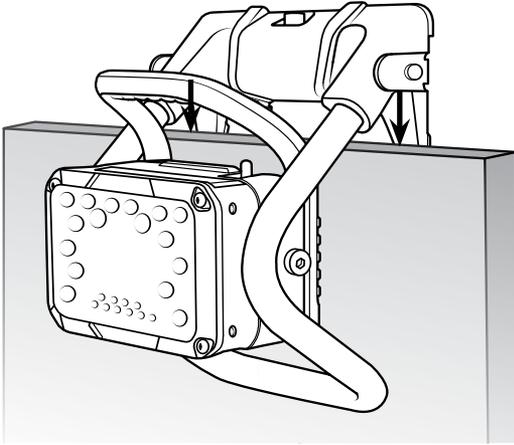
### Placing on flat surface

The light has a wide base and low center of gravity, making it ideal for positioning on a wide variety of surfaces.



## Hanging on an object

Hang the light on a vertical surface (such as a door) by hooking the extensions on the feet of the light over the surface.

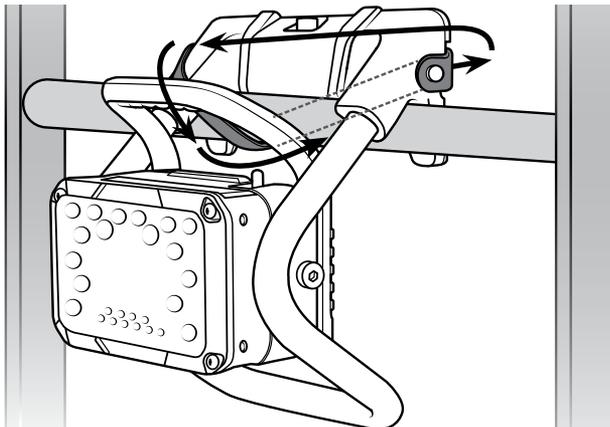


## Strapping to an object

### CAUTION!

The rubber strap is not load bearing and must never be used to support the weight of the unit. It is to be used as a securing strap only.

To strap the light over an object (such as ladder rung, round objects), hook the extensions on the feet of the light over the object. Pull out the rubber strap (located on the bottom of the feet) and wrap the rubber strap around the surface and reattach the strap to the tab.



## Spiking to a Vertical Surface

### **⚠ WARNING!**

Driving the spike into live electrical wires could result in electrical shock, serious injury or death. Always check if there are live electrical wires in the area before driving the spike into the surface. Always wear appropriate personal protection equipment (i.e.: eye protection, gloves) before driving the spike into the surface.

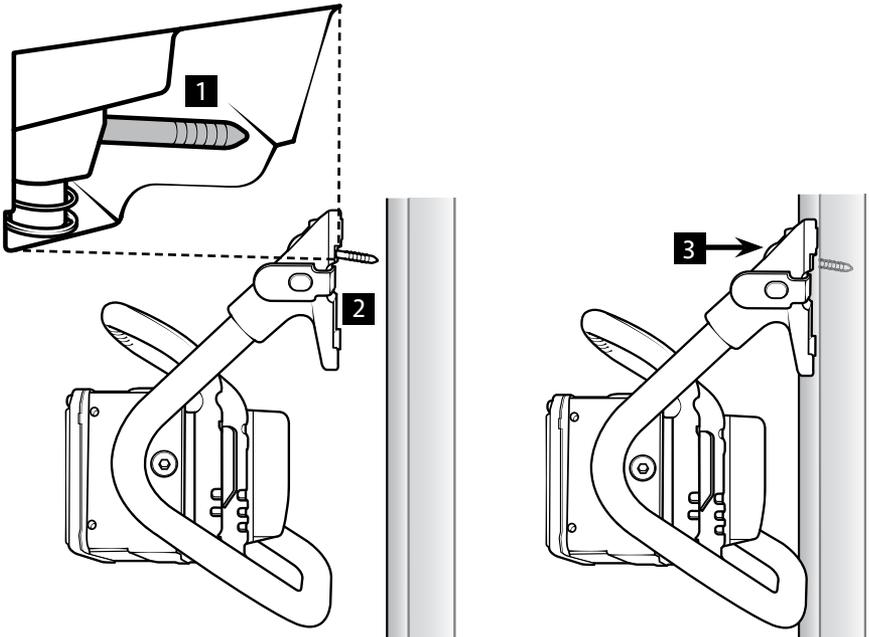
**Note:** The spike is intended to be driven into residential grade drywall and is not rated to be driven into any other material. Do not attempt to drive spike into a solid surface such as plywood or concrete as this may result in damage to the unit.

#### **To mount the light to a vertical wall using the spike:**

1. Locate the spike compartment on the bottom of the light base.
2. Rotate the spike out into the fully extended and in a locked position.
3. Drive the spike into the drywall surface.

#### **To stow the spike:**

4. Press the button on the base of the light.
5. Fold spike back into the stowed position.



# Adjusting the Angle of the Light

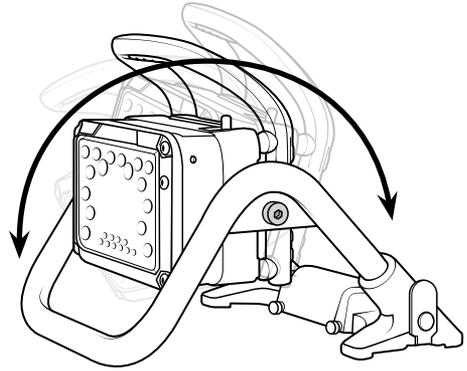
## **⚠ WARNING!**

The surface of the light becomes hot when turned on and could result in burns or serious injury when touched with bare skin. Always let the light cool down or wear personal protective equipment when handling a hot light.

## **⚠ CAUTION!**

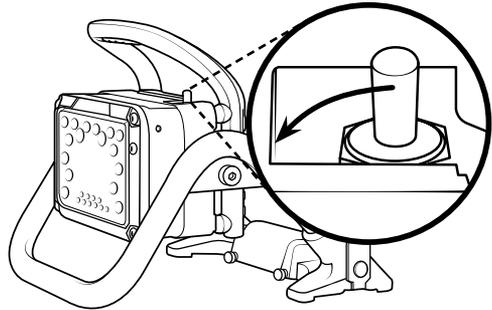
When adjusting the light head fingers may be pinched between the light head and the base that may result in minor or moderate injury. Always keep fingers clear from getting caught between the light head and the base.

To adjust the angle of the light, rotate the head to the desired position. The unit includes an internal friction brake that will hold the light in place. The screws on the side of the light should not be loosened.



### **Turning on the Light**

Turn the light on using the switch on the top of the light. Do not place objects directly in front of lens. Damage to the lens can occur from over heating.



### **Switching the Light Output Modes**

To adjust the Light Modes: Rotate the mode switch towards the front of the light, and toggle through the modes.

Light Modes	High	Medium	Low	Spot
Light output (lumens)	14,000	8,000	2,000	6,000
Average run time (hours)	1.2	3	7	3.5

# Charging the Battery

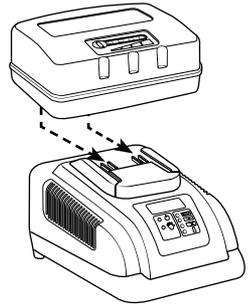
## CAUTION!

Using an unapproved charger or batteries may cause a fire and result in minor or moderate injuries. Always use an approved charger provided by Akron Brass to charge batteries.

Immersing the battery or charger in liquid may result in minor or moderate injuries. Never immerse the battery or charger in liquid.

## Low Battery Warning

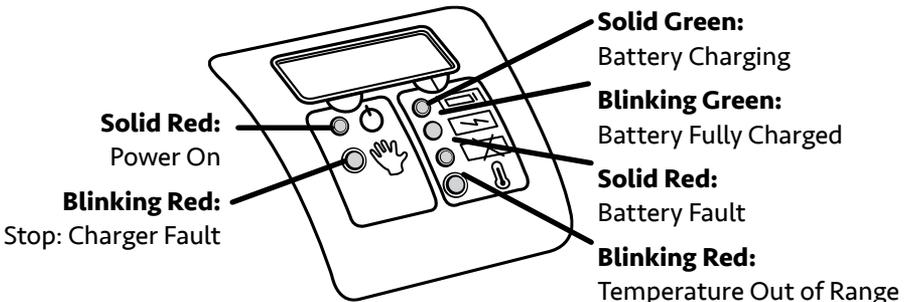
When the Revel Scout is powered on and the battery is low, the light will flash to indicate a low battery condition. It will flash quickly four times, pause for 30 seconds and flash another four times. After the second set of flashes it will adjust the brightness to the medium setting to conserve battery and extend runtime. It will continue to flash every 30 seconds until a new battery is installed or the battery discharges and the light turns OFF.



### To charge the battery:

1. Connect the charger to a power source.
2. Place the battery in the charger.

The Status Lights will indicate the following:



## Optional Charger Installation

The charger can be mounted to a horizontal surface. Follow these steps to install the charger:

1. Position the charger in the desired location.
2. Attach the mounting hardware to the bottom of the charger.
3. Attach the charger to a horizontal surface using the mounting hardware.

# Maintenance

## **WARNING!**

Conducting maintenance to the light or charger when connected to a live electrical source may result in serious injury or death. Always unplug the light and charger before conducting maintenance. Always remove the battery from the charger when conducting maintenance.

Due to the inherent long life that comes with using LED's, there is very little maintenance required. When the light requires cleaning, wipe down with a mild soap and water mixture only. Do not use industrial strength or other chemical cleaners as this may damage the light.

Conducting repairs to the light, batteries, or charger may void the product warranty. Never disassemble the light, battery pack or charger. If repairs are needed, contact Akron Brass at: 43 Venture Blvd. Wooster, OH 44691 • Akronbrass.com

For a complete list of available replacement parts go to [www.akronbrass.com](http://www.akronbrass.com)

## Product Specifications

### Revel Scout Scene Light

Model: Revel Scout

Battery Type: Lithium-Ion

Battery Voltage: 28V

Weight: 12 lbs (5.4 kg)

IP Rating: IP66

Operating temperature: -40° F to +122° F (-40° C to +50° C)

Storage Temperature: -40° F to +122° F (-40° C to +50° C)

### Revel Scout Battery

Model: 50AH-RSB

Battery Type: Lithium-Ion

Battery Voltage: 28V

Battery IP Rating: IP66

Battery Weight: 3 lbs [1.4 kg]

Operating temperature: -20° F to +130° F (-28° C to +55° C)

Storage Temperature: -20° F to +120° F (-28° C to +45° C)

Charging Temperature: 32° F to +120° F (0° C to +45° C)

Charging Time: 75 minutes

# Revel Scout Battery Charger Specifications

Part Number	Input Volts	Input Amps	Output Volts	Output Amps
1224-RSBC	12VDC/24VDC	5.8A/2.9A	28VDC	1.8A
120-RSBC	120VAC	1.25A	28VDC	4A
240-RSBC	240VAC	0.63A	28VDC	4A

## Warranty

### REVEL SCOUT ASSEMBLY:

WARRANTY AND DISCLAIMER: We warrant the Revel Scout for a period of six (6) years\* after purchase against defects in materials or workmanship. Akron Brass will repair or replace product which fails to satisfy this warranty. Repair or replacement shall be at the discretion of Akron Brass. Products must be promptly returned to Akron Brass for warranty service. We will not be responsible for: wear and tear; any improper installation, use, maintenance or storage; negligence of the owner or user; repair or modification after delivery; damage; failure to follow our instructions or recommendations; or anything else beyond our control. WE MAKE NO WARRANTIES, EXPRESS OR IMPLIED, OTHER THAN THOSE INCLUDED IN THIS WARRANTY STATEMENT, AND WE DISCLAIM ANY IMPLIED WARRANTY OF MERCHANTABILITY OR FITNESS FOR ANY PARTICULAR PURPOSE. Further, we will not be responsible for any consequential, incidental or indirect damages (including, but not limited to, any loss of profits) from any cause whatsoever. No person has authority to change this warranty.

### REVEL SCOUT BATTERY AND CHARGER:

WARRANTY AND DISCLAIMER: We warrant the Revel Scout Battery and Charger for a period of one (1) year after purchase against defects in materials or workmanship. Akron Brass will repair or replace product which fails to satisfy this warranty. Repair or replacement shall be at the discretion of Akron Brass. Products must be promptly returned to Akron Brass for warranty service. We will not be responsible for: wear and tear; any improper installation, use, maintenance or storage; negligence of the owner or user; repair or modification after delivery; damage; failure to follow our instructions or recommendations; or anything else beyond our control. WE MAKE NO WARRANTIES, EXPRESS OR IMPLIED, OTHER THAN THOSE INCLUDED IN THIS WARRANTY STATEMENT, AND WE DISCLAIM ANY IMPLIED WARRANTY OF MERCHANTABILITY OR FITNESS FOR ANY PARTICULAR PURPOSE. Further, we will not be responsible for any consequential, incidental or indirect damages (including, but not limited to, any loss of profits) from any cause whatsoever. No person has authority to change this warranty.