

# CD-PULS500 CD-PULS750

## PULSAR HANDHELD SPOTLIGHT



### INTRODUCTION

Congratulations. You have purchased the most efficient and versatile 12 volt lighting system available. Please take a few minutes to read these instructions, as it contains information to provide optimum performance from your Modular Searchlight.

## **IMPORTANT! READ BEFORE USE**


**DO NOT** look directly into the light, or shine directly into eyes. Eye damage may result.  
**DO NOT** use light in explosive atmospheres. It is NOT explosion-proof. Fire may result.  
**DO NOT** touch hot bulbs. Allow bulb to cool before replacing.  
**DO NOT** place face down on any surface during operation. Fire may result.  
**DO NOT** attempt to service light wiring or switches. Return to factory for service.

## **OPERATING YOUR LIGHT**

1. Remove your Model CD-PULS500 or CD-PULS750 Handheld light from its packaging.
2. Read the safety warning noted above in these instructions.
3. Plug the “cigarette lighter” style plug at the end of the coiled cord into any “cigarette lighter” style outlet providing 12 Volts DC.
4. Push the “Momentary” switch to light the CD-PULS500 spotlight.  
Push the “Momentary ON / OFF /ON” button to light the CD-PULS750 spotlight.
5. The switch provides selection of HI power spot or LOW power flood beams. Center position is off.
6. Enjoy the light.

## **FEATURES**

Your Searchlight is designed to be operated directly from a 12 volt cigarette lighter outlet or in conjunction with an accessory CD-BP-12 rechargeable battery pack and includes a 9 ft. coil cord.

 Leader In <i>Scene Lighting Technology</i>	Part Number CD-PULS500	Part Number CD-PULS750
Candlepower Rating	500,000 Spot	750,000 Spot 5,000 Flood
Amp Draw (12 Volts)	7.8 Amps	7.8 Amps Spot 4.3 Amps Flood
Bulb	100 Watt H-1 Base	100 Watt Spot H-2 Base 55 Watt Flood H-2 Base
Standard Switch	Momentary Switch	Momentary On / Off / On Switch

## **BENEFITS**

- Protective glow ring (bezel) helps prevent lens breakage and provides an indication that the light is on if placed face down.
- Bulb mount design allows replacing bulb quickly without tools.
- Quartz halogen bulbs provide brilliant white light and last up to 100 hours.
- Standard 9 foot coil cord minimizes voltage drop for maximum power.

## **OPTIONS & ACCESSORIES**

<b>Part Number</b>	<b>Description</b>
<b>CD-DMB-1</b>	Dash mounting clip for mounting the Pulsar & Genesis handheld light unit
<b>CD-RR-46</b>	Hypalon Rubber Ring For 6" reflector diameter
<b>CD-RR-56</b>	Hypalon Rubber Ring For 7" reflector diameter
<b>CD-H1100W</b>	Replacement bulb for CD-PULS500
<b>CD-H2100W</b>	Spot replacement bulbs for CD-PULS750
<b>CD-H255W12</b>	Flood replacement bulbs for CD-PULS750

## **BULB REPLACEMENT**

### **CD-PULS500**

1. Remove the rear cap by twisting counter clockwise.
2. Remove wire lead from bulb, removed spring clip and pull bulb out of reflector
3. Take new bulb out of box. Handle bulb only by rear terminal. **DO NOT HANDLE GLASS PORTION OF BULB.**
4. Insert new bulb through rear reflector mount so that bulb flange is seated flush against the back of the reflector housing. (Bulb will only fit flush one way).
5. Fasten bulb retainer spring clip in hole and notch.
6. Re-install wire lead onto back of bulb.
7. Replace rear cap by twisting clockwise.

### **CD-PULS750**

1. Remove the rear cap by twisting counter clockwise.
2. Grasp bulb mount assembly and withdraw from head. Separate sections
3. Remove bulb to be replaced. Use cloth. Insert new bulb and check for proper alignment.
4. Connect bulb mount sections and slide into head. Note alignment slots.
5. Check alignment in reflector. Two dowel pins must protrude through reflector for proper alignment.
6. Replace cap onto head, twist clockwise to lock.

## TROUBLESHOOTING Q & A

**Q:** If my searchlight does not operate, what are likely problems?

**A:** Check for proper connection in cigarette lighter outlet. Rotate plug to help clean and make a connection.

**Q:** Is damage likely if the light is operated for extended periods?

**A:** Your Pulsar searchlight is constructed of the finest thermo-plastic available. Although it may become warm to the touch, it is designed to withstand continuous operation.

**Q:** Is my searchlight waterproof?

**A:** Your Pulsar searchlight is NOT designed to be submerged, although its design is highly weather resistant and may be used with confidence in inclement weather.

**Q:** Are replacement bulbs, accessories and parts available?

**A:** Yes. You may order items from your dealer or call Havis-Shields Equipment Corporation Customer Service toll free at 1-800-524-9900.

## WARRANTY

Havis-Shields Equipment Corp. will warrant all furnished equipment against parts failure or malfunction due to design, construction, assembly errors, and/or defective workmanship for a period of two years from date of purchase excluding bulbs. Proof of purchase is required for lights manufactured more than 24 months prior to the date of the warranty claim. Customer must request factory **Return Authorization Form** and receive authorization number prior to submitting goods.

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