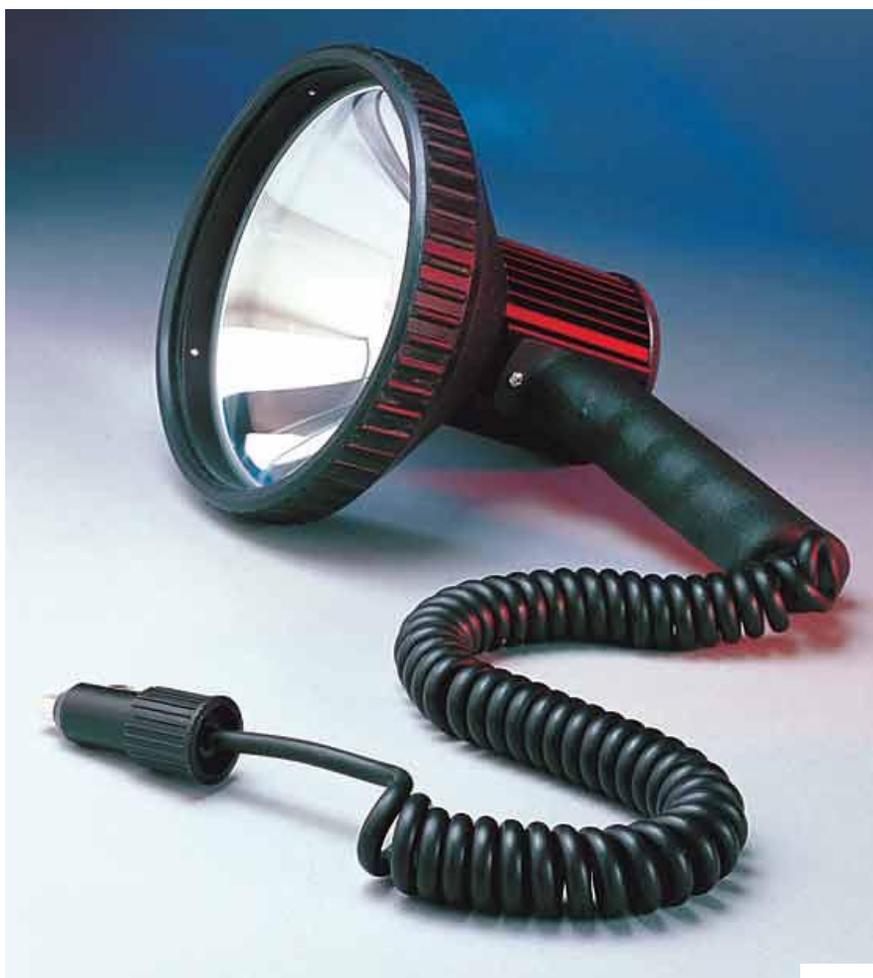


# CD-MAGNUM CD-CL-12 HANDHELD SPOTLIGHT 12 VOLTS DC



**More Lighting Products  
By Havis, Inc.**

- Portable & Rechargeable Lights
- Xenon H.I.D.
- FX Series

## **INTRODUCTION**

Congratulations. You have purchased the Model CD-MAGNUM or CD-CL-12 handheld 12 volt spotlight. You will find that your Handheld Spotlight or CD-CL-12 Searchlight has been constructed with only the finest of components to provide years of dependable operation. Although advanced, the searchlight design provides tremendous candlepower from the cigarette lighter outlet of any 12 volt auto, boat or plane. Please take a few minutes to read these instructions, as it contains information to provide optimum performance from your 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-MAGNUM or CD-CL-12 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-MAGNUM spotlight.  
Push the “ON / OFF /ON” button to light the CD-CL-12 spotlight.
5. 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-MAGNUM	Part Number CD-CL-12
Candlepower Rating	1,250,000 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	On / Off / On Switch

## BENEFITS

- 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

**BATTERY PACK: CD-BP-12** 12v Battery pack for portable use of handheld lights. This 12 volt, 4 amp-hour Ni-cad battery pack allows 40-60 minute run time. Good for 500 to 1,000 cycles. Recharges in 14 hours. Convenient 6.25" x 7.25" x 1.75" size. Includes belt loop, shoulder strap, 120 volt charger & shock resistant case. It weighs 3.7 lb.

**MOUNTING BRACKET: CD-DMB-CL** Black powder coated wire basket for mounting the CL-12, MAGNUM & PULSAR 750 handheld lights to dash. Use of rubber ring recommended.

**RUBBER RINGS: CD-RR-1** for CD-CL-12 or **CD-RR-MAG** comes standard with CD-MAGNUM

**BULBS: CD-H1100W** Replacement bulb for CD-MAGNUM. **CD-H2100W** spot or **CD-H255W12** flood replacement bulbs for CD-CL-12

**ALSO AVAILABLE: CD-CL-12-M** Handheld spotlight with Momentary Switch.

## **BULB REPLACEMENT**

### **CD-MAGNUM**

1. Remove the rear cap by twisting counter clockwise.
2. Withdraw bulb mount assembly from reflector housing.
3. Unscrew rear bulb mount section, remove old bulb.
4. Insert new bulb into bulb mount. Use cloth. Screw sections back together.
5. Install assembled bulb mount into housing reflector alignment hole.
6. Replace cap, mate spring with bulb mount and tighten clockwise.

### **CD-CL-12**

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:** 1. Check for proper connection in cigarette lighter outlet. Rotate plug to help clean and make a connection.
2. Check to see if bulb is discolored. Bulb may be burned out.
  3. Check vehicle fuse box. Fuse may be weak and has blown.

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

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

**Q:** Is my searchlight waterproof?

**A:** Your 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, Inc. toll free at 1-800-524-9900.

## **WARRANTY**

Havis, Inc. 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.

Havis, Inc.  
CustomerService@Havis.Com  
www.Havis.com