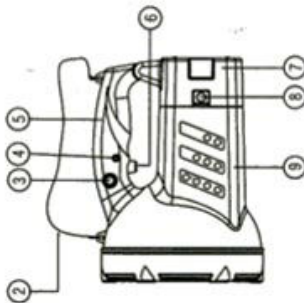


FEATURES

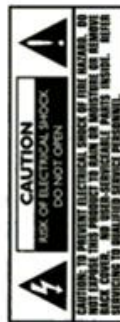
- 1. TORCH COVER
- 2. STRAP
- 3. HANDLE ROTARY SWITCH
- 4. ON/OFF SWITCH LOCK KNOB
- 5. ROTARY HANDLE
- 6. ON/OFF SWITCH
- 7. 12V POWER PACK

- 8. POWER PACK RELEASE KNOB
- 9. MAIN BODY
- 10. BULB
- 11. TORCH GLASS
- 12. CHARGING INDICATOR
- 13. DC JACK



The appliance is not intended for use by young children or infirm persons without supervision. Young children should be supervised to ensure that they do not play with the appliance.

WARNING: IF THE EXTERNAL FLEXIBLE CABLE OR CORD OF THIS UNIT IS DAMAGED, IT SHALL BE EXCLUSIVELY REPLACED BY THE MANUFACTURER OR HIS SERVICE AGENT OR A SIMILAR PERSON IN ORDER TO AVOID A HAZARD.



The lightning flash with arrowhead symbol, within an equilateral triangle, is intended to alert the user to the presence of uninsulated, "dangerous voltage" within the product's enclosure that may be of sufficient magnitude to constitute a risk of electric shock to persons.

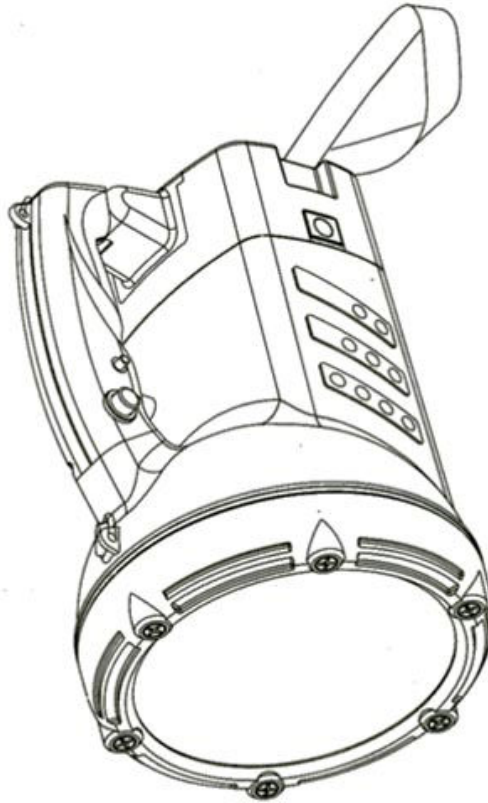


The exclamation point within an equilateral triangle is intended to alert the user to the presence of important operating and maintenance (servicing) instructions in the literature accompanying the appliance.

WARNING: TO REDUCE THE RISK OF FIRE OR ELECTRIC SHOCK. DO NOT EXPOSE THIS APPLIANCE TO RAIN OR MOISTURE.

DECO

RECHARGEABLE HIGH INTENSITY
DISCHARGE (HID) SPOTLIGHT
INSTRUCTION MANUAL
MODEL: CS-220HID
DC OPERATED



PLEASE REMOVE THE BATTERY PROTECTION SLIP BEFORE FIRST TIME USE.
PLEASE ALWAYS KEEP RECHARGING THE BATTERY WHEN LIGHT GOES DIM.

THE FEATURES AND APPLICATION RANGE FOR THIS UNIT:

1. This unit is a kind of reliable searchlight, using long life and high brightness high intensity discharge (HID) bulb with High technology of ultra strong focusing, which greatly improve the range and also discharge time.
2. The unit is equipped with ultra-strong sealed storage batteries inside, which are free from maintenance and with the performance of long discharge time and high cycle life for charge/discharge.
3. Portable and lovely, safe and durable are the characters for this unit. Especially suitable for spot search, Police pursuit, traffic affairs, fight against disaster and danger, work in wild, etc.

NOTICE FOR PROPER USE OF LONG TERM:

1. The input voltage of the charger provided must be AC: 220V - 50Hz by adapter DC: 12-14V by car cigarette socket.
2. You should charge the batteries immediately when the light goes dim (not less than 15 hours), avoid putting the batteries into no electricity condition, otherwise you would make the batteries invalid.
3. Please charge the batteries for maintenance every three months when this unit is out of use for a long period, otherwise the life of the batteries will be shortened.
4. Please replace the batteries when you find the discharge time reduce after normal charge.
5. Please use a cloth with diluted mild cleanser to clean the shell of this unit, then dry it with a dry cloth.

HOW TO OPERATE THIS UNIT:

Warning: Don't turn on this unit facing someone's eyes, which might be hurt by the light of so high brightness. This unit is designed to be used in DC through batteries inside only.

1. FOR ILLUMINATION

Press the ON/OFF Switch (Feature No. 6) with hand to turn on the unit, the bulb will light up immediately and goes out when your hand remove from the switch, you can obtain a long term light by pressing the knob (Feature No. 4) and the ON/OFF switch (Feature No. 6) at the same time.

2. FOR CHARGING THE BATTERY

Connect the adapter (AD 11) attached with this unit between AC power supply and the DC Jack (Feature No. 13) of this unit (See Figure 1), or connect the DC Jack (Feature No. 13) of this unit by plugging the cigarette lighter jack into the cigarette lighter socket of a car (See Figure 2). The LED (Feature No. 12) will light up for Normal charge.

Note:

- 1) It is normal that the temperature of this unit will be a little high during charge process.
- 2) This unit will not light up during charging process.
- 3) You can push the 12V power pack (Feature No. 7) backward to replace the batteries by pressing the knob (Feature No. 8) only after removing the handle (Feature No. 5) from the handle bracket. (See Figure 3 & 4)

WARNING FOR THE RECHARGEABLE LEAD ACID BATTERY.

1. This unit is only applicable for charging the sealed Lead Acid battery. Do not charge with different



FIGURE 1



FIGURE 2



FIGURE 3



FIGURE 4

types or non-rechargeable batteries.

2. During using or recharging the lead-acid battery, the appliance must be placed in a well ventilated area.
3. The orientation of the lead-acid battery with regard to polarity battery contact (+) & (-) Do not short circuit, put into fire or avoid reverse charging.
4. Regarding safe disposal of used lead-acid batteries, insert the batteries into battery charger according to the lead acid battery polarity.
5. The leak or acid of the battery must be removed from the appliance carefully.
6. The battery must be recycled or disposed of properly.
7. The battery must be removed from the appliance before it is scrapped.
8. The battery must safely disposed by putting into battery compartment with cover.
8. The appliance must be disconnected from power supply before removing the battery.



3. REPLACEMENT OF BULB (SEE FIGURE 5 & 6)

- A. Unscrew the screws for releasing the bulb cover (See Figure 5).
- B. Release the spring after taking out reflector. (See Figure 6).
- C. Take out the old bulb.
- D. Replace a new bulb with the same type.
- E. Mount the new bulb with the opposite procedure.



FIGURE 6

Caution: 1. Replace only with same spec bulbs.

2. Do not touch the bulbs with bare hands. Always handles with gloves or clean cloth.
3. If the bulb is dirty or greasy, clean with alcohol and clean cloth.
4. Don't touch the bulb right after usage when it is very hot.
5. Keep away from children.

Note: The replacement of bulb or batteries must be performed only by qualified personnel after disconnecting from the power supply.

4. ROTATION FOR HANDLE (SEE FIGURE 7 & 8)

You can rotate the handle (Feature No. 5) 180° in clockwise direction by hand and turn it back by pressing the knob (Feature No. 3) at the same time. That is to say, you can lift or carry this unit by hand, or hung it by strap. (Feature No. 2)



FIGURE 7

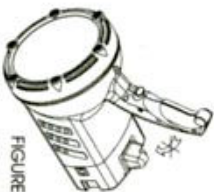


FIGURE 8

TECHNICAL SPECIFICATIONS

Voltage	DC 12V
Ambient temperature	-10°C-40°C
Humidity	<90%
Duration of bulb	55 mins
Charge time	15 Hours
Bulb Spec:	12V 35W-HID-H3
Batteries Spec:	12V/5.5AH
Brightness	30,000,000 Candela Power

ACCESSORIES PROVIDED:

For AC charging by adapter:	
Input Voltage	AC220V - 50Hz
Output	13.5V, 500mA
For Car charging by	DC cord cigarette plug with 8A fuse

Note: For procurement of new bulbs, contact our sales agent; you cannot buy them from open market as they might be unsuitable.