



Security Defence Systems

Plot No. 50, DIC, Industrial Area , Baddi, Solan (H.P)

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HAND HELD SEARCH LIGHT DAZZLE 2005



MODEL : DAZZLE 2005

Casing

- HHSL body casing is tubular, heavy duty water resistant and one piece molded with integral handle of ABS. It is light, impact proof and corrosion proof.
- Max. weight including battery is 4.3 Kg.
- Length: 28cm (max)
- Front Diameter: 22cm.
- Rear Diameter: 19cm.

Construction

- Modular construction consists of replaceable modules for ease of servicing/repairs.
- The lamp is replaceable by unscrewing the front cover.
- The battery and blown fuses can be replaced without disturbing electronic circuit by unscrewing the front cover.
- Color of the casing is black
- Makers name is clearly printed on the body of the cabinet.
- Operational instructions in brief printed on the casing of the body.

Battery

Rechargeable sealed 12 V and 7Ah maintenance free battery.

Housing of Battery

There is adequate space around the battery for dissipation of heat developed while charging.

Lamp

12V, 55W high power halogen lamp.



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Circuit

- Wire is heavy duty.
- Electronic circuits are not sealed at any stage.
- Suitable control for ON/OFF and function like flasher, dimmer and timer.
- Single rotary selector for all the following modes:
 - Continuous/direct light
 - Preferably 2 positions for dimmer to extend battery life to 2 and 5 hrs. respectively.
 - Flasher to give 45 flashes (+/- 2 flashes) per minute.

Battery Charger and indicator

- In built battery charger input voltage 90 to 270 V, 50Hz.
- Charging time: 8-10 hours.
- LED indicators for battery status during operation and charging.
- Adequate protection is provided against short circuit, battery over charge, deep discharge and reverse polarity.
- When battery voltage drops to around 11V, advanced indication provided by LED and battery cut off at 10.5V (+/- .2V)

Operating Range & Beam Distance

Operating range is 1km (1000m). Beam distance is at-least 400 meters to detect group of persons. Shock resistant front glass.

Optional Accessory

Remote control

- The transmitter work on 9V battery
- TX dimension: 80 x 50 x 20 mm (+/- 5mm excluding the length of antenna)
- Range of min. 100 meters.

Wired Control

- Length of the cord: min. 100 meters
- Cord is spooled on a plastic or metallic reel having knob for spooling and mounted on a powder coated metal frame.
- IR filter: IR filter provided which can be attached or detached with ease.

Other Facilities

- Parabolic reflector mounted in the shock resistant cap of good quality rubber.
- Shoulder straps are adjustable, minimum 150 cm long 3 cm wide of good quality nylon and metallic part to connect the strip.