

BELL+HOWELL™ BIONIC SPOTLIGHT EXTREME™

250 LUMENS

SOLAR POWERED NO BATTERIES / NO WIRES



INSTRUCTIONS

! IMPORTANT

- This product includes a lithium-ion battery that cannot be replaced. Once the battery reaches the end of its life, the entire product must be discarded and replaced.
- **WARNING:** Do not dispose of lithium-ion batteries in the trash or by fire as batteries may leak or explode. Do not open, short circuit, or damage lithium-ion batteries as injury may occur. Recycle lithium-ion batteries in accordance with local, state, and federal regulations.

PARTS & FEATURES

1. Adjustable solar panel
2. Power button
(Sensor Mode/Night Mode/OFF)
3. White LED
4. Red LED
5. Motion sensor
6. Mounting bracket
7. Adjustment Knob

Package includes:

- Bionic Spotlight Extreme
- 2 screws
- 2 plastic anchors



INSTALLATION

PLEASE READ THIS MANUAL CAREFULLY BEFORE USE AND KEEP IT FOR FUTURE USE.

- When picking a place to install your Bionic Spotlight Extreme, **CHOOSE A LOCATION WITH MAXIMUM SUN EXPOSURE DURING THE DAY.**
- Avoid areas under trees or bushes as this will prevent a proper charge of the Bionic Spotlight Extreme.
- Do not install Bionic Spotlight Extreme near an existing outdoor light. The built-in sensor will prevent it from turning the solar lights on.
- When using the Bionic Spotlight Extreme in the fall and winter, please note that due to fewer daylight hours, the batteries might not charge fully. This may affect the amount of time the Bionic Spotlight Extreme will be on.

MOUNTING SPOTLIGHT



1 Remove the spotlight from the Mounting Plate by sliding it out.

2 Choose a location with maximum sun exposure. Drill holes matching the pattern on the Mounting Plate and install plastic anchors (included). Attach the Mounting Plate using 2 screws (included).

3 Align the back of the spotlight with the top of the Mounting Plate. Slide it into place.

ADJUSTING SOLAR PANEL

To adjust the angle of the Solar Panel, loosen the Adjustment Knob. Once desired angle has been selected, tighten the knob.

USAGE

Make sure you read and follow the installation directions prior to use.

1. When using for the first time, turn the Bionic Spotlight Extreme ON by pressing the Power button located on the front of the unit. The white LED will flash one time and unit enters the Sensor Mode. During this mode, the light will stay on for 45 seconds and then will go off if no motion has been detected. Press the Power button again for Night Mode, press it again to turn it off.
2. Leave the unit under direct sunlight for solar charging at least 12 hours (first time). **UNIT NEEDS TO BE FULLY CHARGED BEFORE INITIAL USE.** Make sure the unit gets maximum sun exposure for 5-6 hours a day. If there isn't ample sunlight, it may take longer for the batteries to charge.

3. **Sensor Mode:** Once it becomes dark, the Bionic Spotlight Extreme will turn on automatically when it detects motion. The light will stay on for 45 seconds and then will go off if no motion has been detected.
Night Mode: Once it becomes dark, the light of the Bionic Spotlight Extreme will go on dim and stay that way until you turn the unit off.
4. The Bionic Spotlight Extreme will turn off during the day or if unit runs out of battery.
5. Security Camera likeness: Once the unit is in Sensor Mode, red LED light will blink on the front of the spotlight. The red light will remain blinking until motion is detected and spotlight turns on.

TROUBLESHOOTING

PROBLEM	CAUSE	SOLUTION
Light does not go on.	Not enough charge.	Make sure unit is installed where it can get maximum sun exposure for 5-6 hours a day.
	Switch is in OFF position.	Move the switch to the Sensor Mode position.
	Unit is located near a strong light source.	Make sure unit is installed away from any strong light sources, such as an existing outdoor light.
	Unit is placed under trees.	Move the spotlight to another open location.
	Solar panel is dirty, or covered up.	Wipe the solar panel clean and make sure it is always free of debris.

TECHNICAL INFORMATION

Solar panel: 300mA 5.5V
Battery: 3.7V 1200mAh 18650 lithium
Sensor distance: 6-8 meters
Sensor Angle: 110°
Sensor time: 45 seconds
Charge Time: 12-15 hours
Run Time: 1-1.5 hours at motion mode; 13-15 hours at night mode (once fully charged)
Color Temperature: 6000K-7000K
Lumen: 250LM at motion mode; 20LM at night mode
IPX Rating: IP65
Net weight: 0.75lb



emsoninc.com
1.800.423.4248

BELL+HOWELL® BIONIC SPOTLIGHT EXTREME
ITEM NO. 8713GH2
DISTRIBUTED BY EMSON®
NEW YORK, NY 10001, USA ©2025 EMSON®
ALL RIGHTS RESERVED.
MADE IN CHINA.