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› Instruction Manual: BLACK+DECKER Solar Jet-Spray Animal Repeller

BLACK+DECKER BDXPC803-2pk

Instruction Manual: BLACK+DECKER Solar Jet-Spray Animal Repeller

Model: BDXPC803-2pk

PRODUCT OVERVIEW

The BLACK+DECKER Solar Jet-Spray Animal Repeller provides an effective and humane solution for deterring unwanted animals from your garden, yard, and plants. This motion-activated sprinkler system utilizes a powerful water jet to scare away pests such as deer, rabbits, foxes, squirrels, skunks, raccoons, birds, cats, dogs, and rodents. Designed for continuous 24/7 defense, it operates efficiently using solar power, minimizing water and electricity consumption.



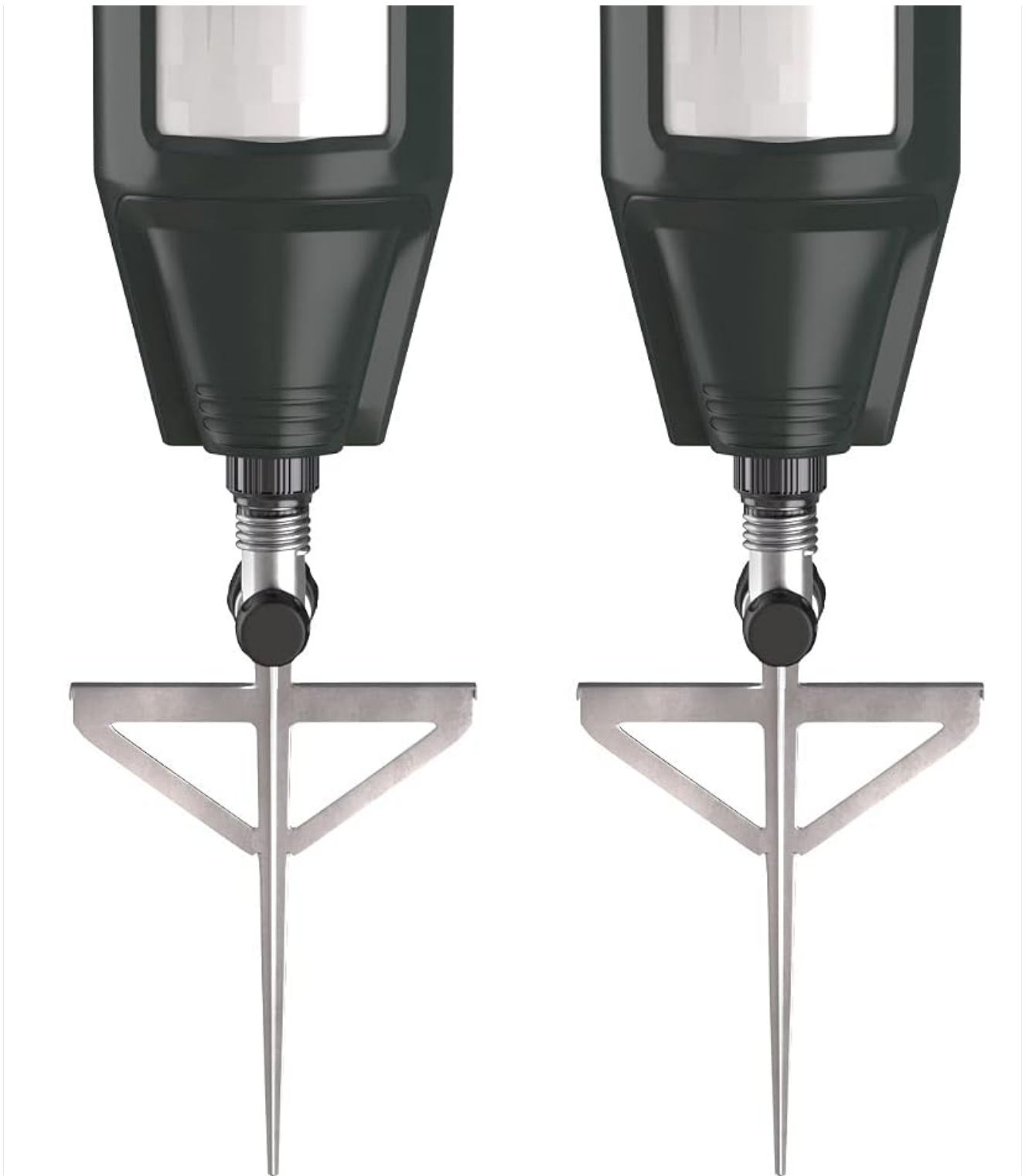


Image: Two BLACK+DECKER Solar Jet-Spray Animal Repellers, showcasing the dual-pack offering.

Key features include a wide 30-foot motion detection range, covering up to 1,000 sq/ft, and an adjustable arc width for precise targeting. The unit is water-efficient, employing a 5-second intermittent spray cycle to conserve resources. It is powered by rechargeable AA NiMH batteries (included), which are continuously charged by the integrated solar panel, eliminating the need for external power sources.

SETUP AND INSTALLATION

Proper setup ensures optimal performance of your animal repeller. Follow these steps for installation:

1. **Unpack Components:** Carefully remove all parts from the packaging. You should have the main repeller unit, the sprinkler head, the ground stake, and the solar panel.
2. **Attach Sprinkler Head:** Screw the sprinkler head onto the top of the main repeller unit. Ensure it is securely fastened

to prevent leaks.

3. **Connect Solar Panel:** Plug the solar panel's cable into the designated port on the main repeller unit. Position the solar panel to receive maximum direct sunlight throughout the day.
4. **Assemble Ground Stake:** Attach the main repeller unit to the ground stake. The stake is designed for easy insertion into the ground.
5. **Position the Unit:** Select an area in your yard or garden where animal intrusion is common. Insert the ground stake firmly into the soil. Ensure the motion sensor faces the area you wish to protect.
6. **Connect Water Hose:** Connect a standard garden hose to the water inlet at the base of the repeller unit. Tighten the connection to prevent leaks.
7. **Adjust Settings:** The unit features adjustable settings for motion detection sensitivity and spray arc. Refer to the detailed instructions in the included PDF user manual for precise adjustments to suit your specific needs and coverage area.



Image: Detailed view of the repeller's components, illustrating assembly points.

OPERATING INSTRUCTIONS

Once installed and connected to a water source, the BLACK+DECKER Solar Jet-Spray Animal Repeller operates automatically:

- **Activation:** Ensure the water supply to the connected hose is turned on. The unit's motion sensor is continuously active, powered by the solar panel and internal rechargeable batteries.
- **Motion Detection:** When an animal enters the detection zone (up to 30 feet), the passive infrared (PIR) motion sensor detects its movement.
- **Water Spray:** Upon detection, the sprinkler activates, releasing a powerful 5-second burst of water towards the detected animal. This sudden spray, combined with a clicking noise, effectively startles and deters the animal without causing harm.
- **Solar Charging:** The integrated solar panel charges the internal NiMH rechargeable batteries during daylight hours, ensuring continuous operation even at night or during periods of low sunlight.
- **Sprinkler Only Option:** The device may include a "sprinkler only" option, allowing it to function as a regular sprinkler for garden irrigation when animal deterrence is not required. Consult your specific model's manual for this feature.



Image: The repeller in action, deterring a deer with a water jet.

MAINTENANCE

Regular maintenance helps ensure the longevity and effectiveness of your repeller:

- **Cleaning:** Periodically wipe down the motion sensor lens and solar panel with a soft, damp cloth to remove dirt, dust, or debris that may obstruct their function.
- **Battery Check:** While solar-powered, the rechargeable batteries may eventually require replacement. If the unit's performance declines, especially during cloudy periods or at night, check the batteries. Use only the specified AA

NiMH rechargeable batteries.

- **Water Connections:** Regularly inspect all hose connections for leaks. Tighten connections as needed. If persistent leaks occur, check the rubber washers inside the connectors for wear and replace if necessary.
- **Winterization:** Before freezing temperatures set in, disconnect the unit from the water hose and drain all water from the repeller. Store the unit indoors in a dry, protected area to prevent damage from freezing.
- **Sprinkler Head Inspection:** Ensure the sprinkler head is free from obstructions and rotates freely. Clean any mineral deposits or debris that might affect the spray pattern.

TROUBLESHOOTING

If you encounter issues with your animal repeller, consider the following common solutions:

- **Unit Not Activating:**
 - Ensure the water supply is turned on.
 - Check if the solar panel is clean and receiving adequate direct sunlight for charging.
 - Verify that the rechargeable batteries are properly installed and charged. Replace if old or faulty.
 - Adjust the motion sensor sensitivity setting. It might be set too low.
 - Ensure no obstructions are blocking the motion sensor's view.
- **Constant Spraying or False Triggers:**
 - Reduce the motion sensor sensitivity.
 - Reposition the unit to avoid detecting inanimate objects like swaying branches, tall grass, or passing vehicles.
 - Ensure the unit is not exposed to direct sunlight on the sensor, which can sometimes cause false triggers.
- **Water Leaks:**
 - Tighten all hose connections.
 - Check the rubber washers in the hose connectors and replace if worn or damaged.
 - Ensure the sprinkler head is securely screwed onto the main unit.
- **Weak or Inconsistent Spray:**
 - Verify adequate water pressure from your hose.
 - Check the sprinkler nozzle for clogs and clean if necessary.
 - Ensure the unit is not damaged.

SPECIFICATIONS

Brand	BLACK+DECKER
Model Number	BDXPC803-2pk
Product Dimensions	18"L x 12"W x 8"H
Item Weight	2.61 Kilograms (5.74 pounds)
Number of Pieces	2 (for double pack)
Power Source	Solar Powered (requires 2 AA NiMH Rechargeable Batteries, included)
Motion Detection Range	0-30 feet

Coverage Area	Up to 1,000 Sq/Ft
Spray Arc Angle	360° (adjustable)
Spray Cycle Duration	5 seconds (intermittent)
Target Species	Birds, Cat, Rabbit, Raccoon, Skunk, Squirrel, Deer, Foxes, Bears, Rodents, Dogs

WARRANTY AND SUPPORT

For detailed warranty information, specific troubleshooting steps, or further assistance, please refer to the official user manual provided with your product. A digital version of the user manual is also available for download:

[Download User Manual \(PDF\)](#)

You may also visit the [BLACK+DECKER Store on Amazon](#) for additional product information and support resources.