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Premier 1 Supplies IntelliShock 20

Premier 1 IntelliShock 20 AC/DC Fence Energizer Instruction Manual

Model: IntelliShock 20

INTRODUCTION

This manual provides essential instructions for the safe and effective installation, operation, and maintenance of your Premier 1 IntelliShock 20 AC/DC Fence Energizer. Please read this manual thoroughly before use and retain it for future reference.



Image: The Premier 1 IntelliShock 20 AC/DC Fence Energizer, a compact black unit with a label showing animal icons and product details.

IMPORTANT SAFETY INFORMATION

- Always disconnect the energizer from the power source before handling or performing maintenance.
- Do not install the energizer in wet conditions or near flammable materials.
- Ensure proper grounding for safe operation.
- Keep out of reach of children.
- Consult local regulations regarding electric fence installation.

PACKAGE CONTENTS

Verify that all components are present:

- IntelliShock 20 Energizer Unit

- 12 Volt Battery Leads
- 110 Volt AC Adapter
- Wiring Harness
- Instruction Manual (this document)

SETUP AND INSTALLATION

The IntelliShock 20 is a dual-purpose energizer, capable of operating on either 110V AC power or 12V DC battery power.

1. Mounting the Energizer

Mount the energizer in a dry, sheltered location, away from direct sunlight and moisture. Ensure it is easily accessible for connections and monitoring.



Image: The IntelliShock 20 energizer installed inside a protective metal enclosure, connected to a fence system.

2. Grounding System Installation

A proper grounding system is crucial for effective and safe operation. Install at least one 6-foot (1.8m) galvanized ground rod a minimum of 10 feet (3m) from any building foundations or other grounding systems. Connect the energizer's ground terminal (black terminal) to the ground rod using insulated wire.

3. Fence Connection

Connect the energizer's fence terminal (red terminal) to your electric fence line. Ensure all fence connections are secure and insulated to prevent power loss.

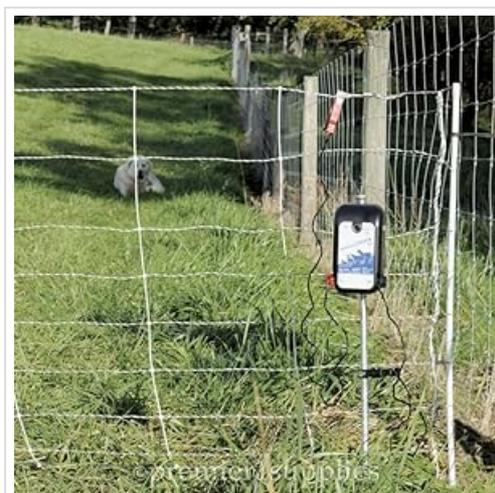


Image: A close-up view of the IntelliShock 20 energizer with its red and black terminals connected to an electric fence and ground rod, respectively.

4. Power Connection

Choose your power source:

1. **110V AC Operation:** Plug the 110V AC adapter into the energizer and then into a standard wall outlet.
2. **12V DC Battery Operation:** Connect the 12V battery leads to a 12V deep-cycle battery (not included). Ensure correct polarity (red to positive, black to negative).

The energizer adapts between AC and DC power in seconds, offering flexibility for various setups.

OPERATION

Once properly installed and connected, the energizer will begin to pulse. A flashing indicator light (if present) typically confirms operation. The IntelliShock 20 automatically adjusts battery draw-down by up to 80% when the fence is not heavily loaded by weeds or shorts, extending battery life, especially in dormant seasons.

The energizer is designed to power:

- Up to 2.5 miles of 3-strand cattle fence.
- Up to 0.75 miles of 6-strand sheep fence.
- Up to 16 rolls of 164' sheep/goat nets.
- Up to 6-8 rolls of 164' poultry nets.

Note: Actual fence coverage depends on the amount of grass and weed load on the fence line.

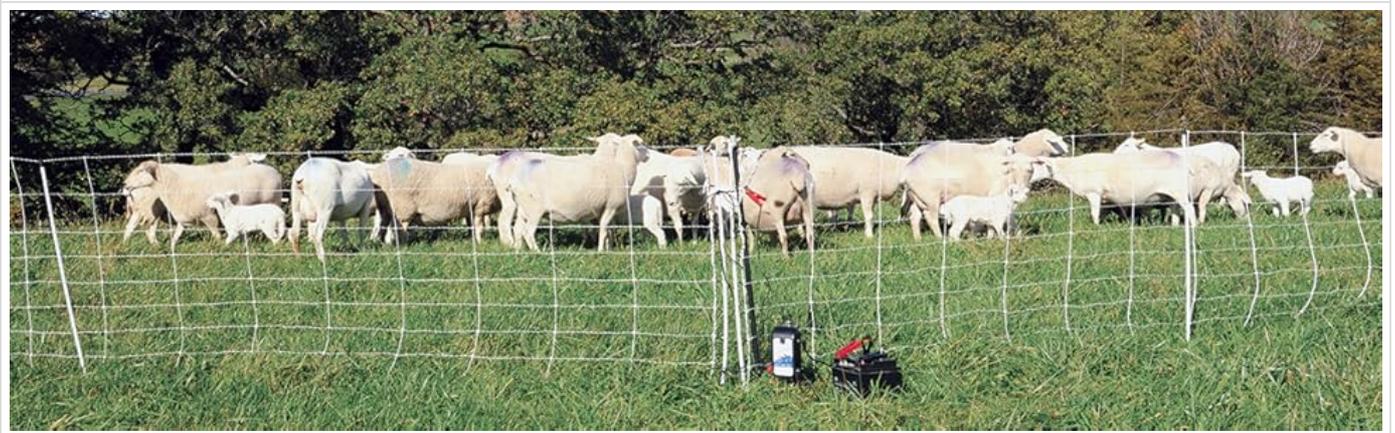


Image: Sheep grazing in a field, contained by an electric fence system, demonstrating the energizer's application.

MAINTENANCE

- **Regular Inspection:** Periodically check all connections for corrosion or damage. Ensure the ground rod connection is secure.
- **Fence Line Clearing:** Keep the fence line clear of weeds, grass, and debris to maintain optimal performance and prevent power loss.
- **Battery Care (DC Operation):** If using a 12V battery, monitor its charge level and recharge as needed. The IntelliShock 20's automatic adjustment feature helps extend battery life.
- **Cleaning:** Wipe the energizer unit with a dry cloth to remove dust and dirt. Do not use abrasive cleaners or immerse in water.

TROUBLESHOOTING

Problem	Possible Cause	Solution
No pulse/indicator light off	No power, faulty connection, energizer fault	Check power source (AC outlet or DC battery). Verify all connections. If problem persists, contact support.
Weak shock/low voltage	Poor grounding, fence short, excessive weed load, low battery	Improve grounding. Clear fence line of vegetation. Check for shorts (broken insulators, wire touching posts). Recharge or replace battery.
Energizer clicking rapidly	Heavy fence load/short circuit	Inspect fence for severe shorts or heavy weed contact. Disconnect fence and test energizer output.

For issues not resolved by these steps, please contact Premier 1 Supplies customer support.

SPECIFICATIONS

- **Model:** IntelliShock 20
- **Energy Output:** 2.0 Joules
- **Power Source:** 110V AC or 12V DC
- **Weight:** 1.7 Pounds (approx.)
- **Manufacturer:** Premier 1 Supplies
- **ASIN:** B01BO2SM7K

WARRANTY INFORMATION

The Premier 1 IntelliShock 20 Energizer comes with a **2-year warranty** from the date of purchase. This warranty covers defects in materials and workmanship under normal use. Please retain your proof of purchase for warranty claims. For full warranty terms and conditions, please refer to the documentation provided with your purchase or contact Premier 1 Supplies directly.

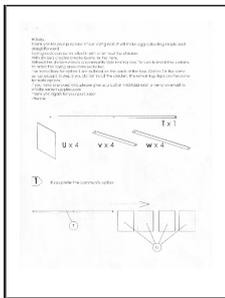
CUSTOMER SUPPORT

For technical assistance, troubleshooting, or warranty inquiries, please contact Premier 1 Supplies:

Website: www.premier1supplies.com

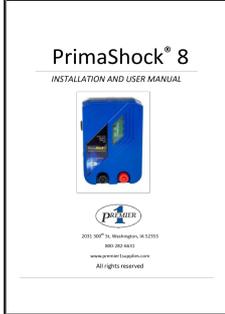
Phone: Refer to product packaging or website for current contact numbers.

When contacting support, please have your product model (IntelliShock 20) and purchase details ready.



[Premier 1 Supplies Model 436 Electric Fence Charger User Manual](#)

Comprehensive user manual for the Premier 1 Supplies Model 436 electric fence charger, covering safety, installation, operation, maintenance, and specifications.



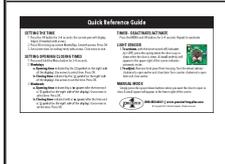
[PrimaShock 8 Fence Energizer Installation and User Manual](#)

Comprehensive guide for installing and using the Premier 1 PrimaShock 8 electric fence energizer. Covers power options, setup, grounding, troubleshooting, and maintenance for effective animal control.



[PermaNet 12/68/6 Electric Netting Installation and Accessories](#)

Guide to installing PermaNet 12/68/6 electric netting, including steps for setup and a list of compatible energizers and accessories from Premier1Supplies.



[Premier 1 Poultry Door Quick Reference Guide](#)

Quick reference guide for setting time, opening/closing schedules, timer, light sensor, and manual mode for Premier 1 poultry door openers.



[Galvanized Cone Feeders Assembly Instructions | Premier 1 Supplies](#)

Step-by-step instructions for assembling Premier 1 Supplies' Galvanized Cone Feeders, including attaching hinges and the cone base. Model numbers: 540055, 540056, 540067.



[Premier 1 Supplies Resharpener Service Form and Guide](#)

Order Premier 1 Supplies' professional resharpener and personalization services for clipper blades, combs, and cutters. Includes helpful tips for maintenance and shipping.