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Gardena 15021-20

Gardena ZoneProtect Instruction Manual

Model: 15021-20

Introduction

The Gardena ZoneProtect is an accessory designed to create flexible and temporary exclusion zones for your Gardena SILENO robotic lawnmower. This device allows you to prevent your robotic mower from entering specific areas without altering your existing boundary wire installation. It is compatible with SILENO minimo, City, and Life models.
Key features include:

- Defines a flexible and temporary no-mow zone without adjusting the original boundary wire installation.
- Battery charging via the included USB cable; no mains power connection required. A full charge lasts approximately 31 days.
- Works with existing SILENO installation kit components (such as cables, pegs, and connectors, not included with ZoneProtect) and accommodates approximately 15m of cable.
- LED indicator for battery level and loop signal, with automatic mower stop when the battery needs charging.

Setup

1. Unpacking and Initial Inspection

Carefully unpack the Gardena ZoneProtect unit. Ensure all components listed in the package contents are present and undamaged:

- 1 x ZoneProtect unit
- 1 x Battery (pre-installed)
- 1 x USB-C charging cable



Image: Top view of the Gardena ZoneProtect unit. The device is dark grey with a teal circular accent and the Gardena logo.

2. Charging the Battery

Before first use, fully charge the ZoneProtect unit. Connect the included USB-C cable to the charging port on the unit and to a standard USB power adapter (not included). The LED indicator will show the charging status.

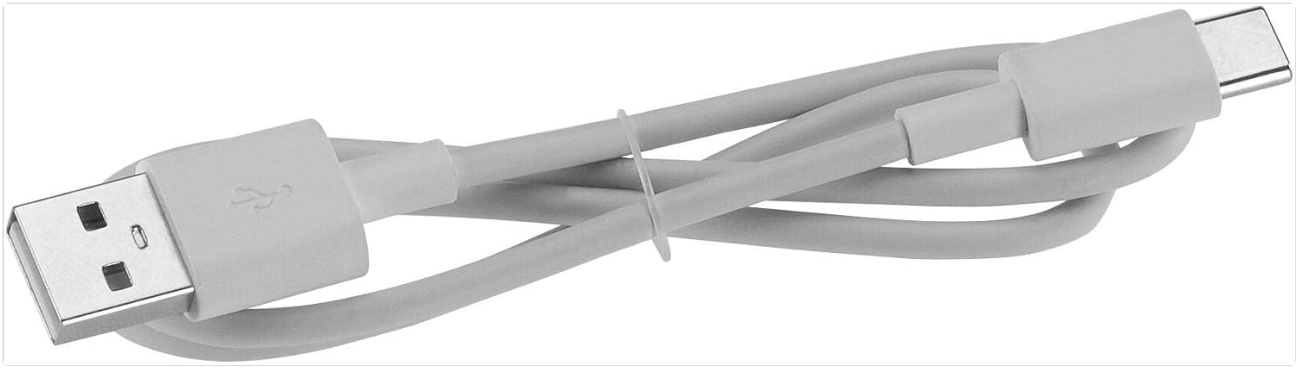


Image: A white USB-C charging cable. This cable is used to recharge the internal battery of the ZoneProtect unit.

3. Connecting to Boundary Wire (Not Included)

The ZoneProtect unit requires a section of boundary wire (up to 15 meters) from your existing SILENO installation kit. This wire is not included with the ZoneProtect unit. Connect the ends of the boundary wire to the designated terminals on the underside of the ZoneProtect unit using appropriate connectors (also not included).



Image: Bottom view of the Gardena ZoneProtect unit, showing the control panel with power button and LED indicators, and the terminals for connecting the boundary wire.

4. Placement Guidelines

Place the ZoneProtect unit and the connected boundary wire around the area you wish to exclude. Ensure the wire forms a closed loop. Secure the wire to the ground using pegs (not included) to prevent movement. The ZoneProtect unit should be placed within the main mowing area, but not too close to the main boundary wire of your robotic mower installation.



Image: The Gardena ZoneProtect unit is shown on a neatly mown lawn, demonstrating its discreet placement.



Image: The Gardena ZoneProtect unit is positioned on a lawn, creating a temporary exclusion zone around a large trampoline, preventing the robotic mower from entering this area.

Operating Instructions

1. Activating the ZoneProtect

Press the power button on the underside of the ZoneProtect unit to activate it. The LED indicator will illuminate to confirm activation and signal status.

2. LED Indicators

- **Green LED:** Indicates the unit is active and the loop signal is strong.
- **Red LED:** Indicates a low battery or a break in the boundary wire loop.
- **Flashing LED:** May indicate a specific error or charging status. Refer to the detailed manual for specific flash codes.

3. Deactivating the ZoneProtect

Press and hold the power button to deactivate the unit. The LED indicator will turn off.

4. Automatic Mower Stop

If the ZoneProtect battery runs low, the unit will automatically stop transmitting the signal, causing your robotic mower to stop if it attempts to enter the defined zone. Recharge the unit promptly when the low battery indicator appears.

Maintenance

1. Cleaning

Clean the ZoneProtect unit regularly with a damp cloth. Do not use harsh chemicals or abrasive materials. Ensure the charging port is free from dirt and debris.

2. Battery Care

To prolong battery life, avoid fully discharging the unit frequently. If storing the unit for an extended period, charge it to approximately 50% and store it in a cool, dry place. Recharge every 3-6 months during storage.

3. Storage

When not in use, store the ZoneProtect unit in a dry, frost-free environment. Disconnect any attached boundary wires before storage.

Troubleshooting

- **Mower enters the ZoneProtect area:**
    - Ensure the ZoneProtect unit is powered on and the LED is green.
    - Check the battery level and recharge if necessary.
    - Inspect the boundary wire connected to the ZoneProtect for any breaks or loose connections.
    - Verify that the boundary wire forms a complete, closed loop.
    - Ensure the ZoneProtect is not placed too close to the main boundary wire of your robotic mower.
- **LED indicator is red or flashing:**

- A red LED typically indicates a low battery. Connect the unit to the USB charger.
- A red LED can also indicate a broken boundary wire loop. Check the wire and connections.
- Refer to the full Gardena manual for specific flashing LED patterns and their meanings.

- **Unit does not charge:**
  - Ensure the USB-C cable is securely connected to both the unit and the power adapter.
  - Try a different USB power adapter and cable to rule out faulty accessories.
  - Check the charging port for any obstructions.

Specifications

Feature	Detail
Manufacturer	Gardena Deutschland GmbH
Item Model Number	15021-20
Product Dimensions (L x W x H)	18.6 x 14.6 x 24 cm
Weight	1 Kilogram
Battery Type	1 Lithium-ion (included)
Battery Composition	Lithium-ion
Power Source	Battery
Included Components	ZoneProtect unit, battery, USB-C charging cable
Color	Grey with Teal Accents
Measurement System	Metric
Quantity	1

Warranty Information

Gardena products are manufactured to high-quality standards and come with a manufacturer's warranty. Please refer to the warranty card included with your product or visit the official Gardena website for detailed information regarding warranty terms, conditions, and registration procedures. Keep your proof of purchase for warranty claims.

Support

For further assistance, technical support, or spare parts, please contact Gardena customer service. You can find contact information on the official Gardena website or in the documentation provided with your product.
Gardena Official Website: www.gardena.com

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