

Gardena 1891

Gardena Water Computer 1891 Instruction Manual

Model: 1891 | Brand: Gardena

INTRODUCTION

The Gardena Water Computer 1891 is designed for gardeners seeking precise and automated watering control. This device allows for custom scheduling with multiple start times, durations, and frequencies, including pre-watering cycles to optimize soil preparation. Its intuitive interface and robust construction ensure reliable performance for your garden's watering needs.



Figure 1: Main view of the Gardena Water Computer 1891.

SAFETY INFORMATION

- **Winterization:** To prevent damage from freezing temperatures, always disconnect the water computer from the faucet and store it in a frost-free location during winter months.
- **Battery Safety:** Ensure correct battery polarity when inserting. Do not mix old and new batteries. Remove batteries if the device will not be used for an extended period.
- **Water Pressure:** Ensure your water pressure is within the recommended operating range for the device to function correctly and prevent damage.

PACKAGE CONTENTS

The Gardena Water Computer 1891 package includes:

- Gardena Water Computer 1891 unit
- User Manual
- Additional rubber washers for secure connections

Note: 1x 9V battery is required for operation and is not included in the package.

SETUP

1. **Install Battery:** Open the battery compartment on the back of the unit. Insert one 9V alkaline battery, ensuring correct polarity. Close the compartment securely.
2. **Connect to Faucet:** Screw the water computer onto your outdoor faucet. Ensure the connection is hand-tight to prevent leaks. Use the provided rubber washer for a secure seal.
3. **Attach Hose:** Connect your garden hose to the outlet of the water computer.



Figure 2: Water Computer 1891 connected to a faucet and single hose.



Figure 3: The 'Easy Set Up' icon highlights the straightforward installation process.

OPERATING INSTRUCTIONS

The Gardena Water Computer 1891 features a user-friendly LCD screen and a single knob for programming. It supports up to 3 independent watering schedules.

Programming a Watering Schedule

1. **Select Program (P1, P2, P3):** Use the knob to navigate to the desired program slot (P1, P2, or P3) on the LCD screen.
2. **Set Start Time:** Adjust the knob to set the desired start time for watering.
3. **Set Duration:** Specify how long the watering cycle should last (e.g., 2 hours 5 minutes).
4. **Set Frequency:** Choose the days of the week for watering (e.g., Mo Tu We Th Fr Sa Su).
5. **Activate Program:** Ensure the program is set to 'ON' to activate the schedule.



Figure 4: Hands demonstrating the programming interface of the Water Computer 1891.

Manual Watering

For immediate watering, you can manually activate the device. Turn the knob to the desired watering duration, and the device will start watering instantly. It will automatically stop after the set time.



Figure 5: Close-up view of hands operating the Water Computer 1891 for manual watering.

Sensor Compatibility

The Gardena Water Computer 1891 is compatible with external sensors, such as rain sensors, to optimize watering based on environmental conditions. This feature helps conserve water by preventing unnecessary watering during rainfall.

Video 1: Demonstration of the Gardena 1189 Electronic Rain Sensor, compatible with the Water Computer 1891.



Figure 6: Icon indicating the device's weather awareness and protection.

MAINTENANCE

- **Battery Replacement:** The 9V battery typically lasts for approximately one year. Replace the battery annually or when the low battery indicator appears on the LCD screen.
- **Cleaning:** Periodically check the filter screen at the faucet connection for debris and clean if necessary to ensure optimal water flow.
- **Winter Storage:** Before the first frost, disconnect the water computer from the faucet and hose. Remove the battery. Store the unit in a dry, frost-free location to prevent damage.



Figure 7: The 'Safe Water Stop' icon indicates features related to battery status and automatic shut-off.

TROUBLESHOOTING

- **No Water Flow:** Check if the faucet is fully open. Ensure the battery is charged and correctly installed. Verify that the hose is not kinked or blocked.
- **Leaks:** Ensure all connections are tight and that rubber washers are properly seated. Replace worn washers if necessary.
- **Incorrect Watering Schedule:** Recheck your programmed schedules (start time, duration, frequency) on the LCD screen. Ensure the program is set to 'ON'.
- **Device Not Responding:** Replace the 9V battery with a fresh one. If the issue persists, ensure the device is not exposed to extreme temperatures.


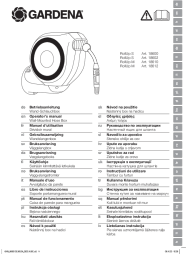
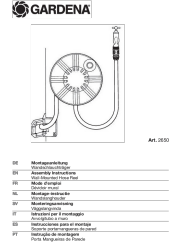
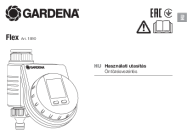
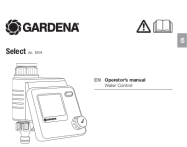
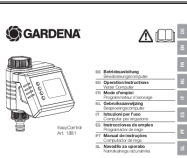
SPECIFICATIONS

Feature	Detail
Brand	Gardena
Model Number	1891
Material	Plastic
Product Dimensions	3.94"D x 4.92"W x 5.51"H
Item Weight	1.08 pounds (490 Grams)
Number of Settings	3 (for schedules)
Screen Size	2 Inches (LCD)
Power Source	1 x 9V Battery (not included)
Sensor Compatibility	Yes
Assembly Required	No

WARRANTY AND SUPPORT

For warranty information, technical support, or service inquiries regarding your Gardena Water Computer 1891, please refer to the official Gardena website or contact their customer service directly. Details can typically be found in the product packaging or on the manufacturer's website.

Related Documents - 1891

	<p>GARDENA Water Control Select (Art. 1891) Operator's Manual</p> <p>Comprehensive operator's manual for the GARDENA Water Control Select (Art. 1891), covering setup, programming, functions, safety, troubleshooting, and technical specifications for automatic garden watering.</p>
	<p>GARDENA Wall-Mounted Hose Box (RollUp S/M) - Operator's Manual & Installation Guide</p> <p>Comprehensive operator's manual for the GARDENA Wall-Mounted Hose Box (RollUp S/M), including assembly instructions, safety guidelines, operation details, technical specifications, and warranty information. Keep your garden tidy with this convenient hose storage solution.</p>
	<p>GARDENA Classic Wall-Mounted Hose Reel 2650 Assembly Instructions</p> <p>Detailed assembly instructions for the GARDENA Classic Wall-Mounted Hose Reel (Art. 2650), providing step-by-step guidance for safe and proper installation.</p>
	<p>GARDENA Flex Art. 1890 Watering Control User Manual</p> <p>Comprehensive guide to setting up, operating, and troubleshooting the GARDENA Flex Art. 1890 watering control system for efficient garden irrigation.</p>
	<p>GARDENA Water Control Select Operator's Manual</p> <p>This manual provides instructions for the GARDENA Water Control Select (Art. 1891), covering setup, function, programming, troubleshooting, technical data, and warranty information. It details how to set the time, date, and watering schedules, use the soil moisture sensor, and maintain the device.</p>
	<p>GARDENA EasyControl Water Computer Art. 1881: User Manual and Operating Instructions</p> <p>Comprehensive operating instructions and user manual for the GARDENA EasyControl Water Computer, model Art. 1881. Learn how to set up, program, and maintain your automatic watering system for domestic and hobby gardens.</p>