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Kazeila HCT-322

Kazeila HCT-322 Automatic Watering Timer User Manual

Model: HCT-322

1. INTRODUCTION

Thank you for choosing the Kazeila HCT-322 Automatic Watering Timer. This device is designed to simplify your gardening and irrigation tasks by providing precise and automated watering schedules. Its robust design and user-friendly interface make it ideal for various outdoor and indoor applications, including gardens, lawns, balconies, and farms. Please read this manual thoroughly before operating the device to ensure proper installation, programming, and maintenance for optimal performance and longevity.

2. PRODUCT OVERVIEW

2.1. Components



Figure 2.1: Front view of the Kazeila HCT-322 Automatic Watering Timer, showing the large LCD display and control buttons.

- **Main Unit:** The core device housing the LCD screen, control buttons, and internal electronics.
- **Inlet Connector:** Top connector for attaching to a standard faucet or water source.
- **Outlet Connector:** Bottom connector for attaching a garden hose or irrigation system.
- **Battery Compartment:** Located at the back (not visible in this image) for power supply.

2.2. Key Features

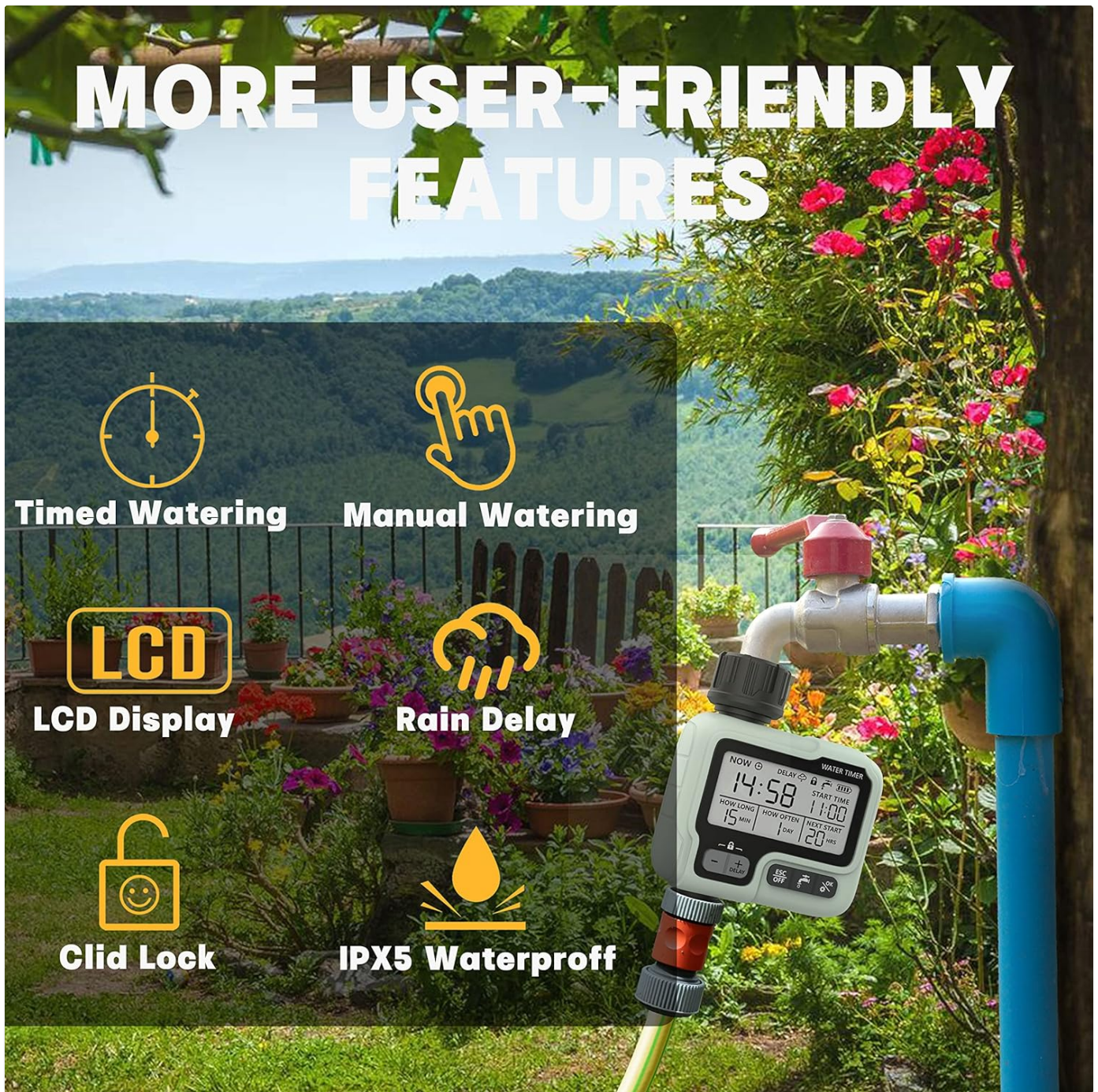


Figure 2.2: Visual representation of the Kazeila HCT-322's user-friendly features.

- **Automatic Watering:** Program watering duration from 1 second to 99 minutes and frequency from 1 hour to 15 days.
- **Multiple Modes:** Supports automatic, manual, and rain delay watering modes.
- **Large LCD Display:** Clear and easy-to-read screen for current data and settings.
- **Child Lock Mode:** Prevents accidental interference or operation.
- **Low Battery Protection:** Automatically stops watering when battery is low to prevent damage.
- **IPX5 Waterproof:** Designed for outdoor use, resistant to water splashes from any direction.
- **Durable Construction:** Made from high-quality plastic and sophisticated electronic components, resistant to corrosion and UV.
- **Easy Installation:** Tool-free installation with 5 intuitive control buttons.

3. SETUP

3.1. Battery Installation

1. Locate the battery compartment on the back of the timer.
2. Open the battery cover.
3. Insert two new AA alkaline batteries (not included), ensuring correct polarity (+/-).
4. Close the battery cover securely to maintain water resistance.

Note: Replace batteries when the low battery indicator appears on the LCD screen. The timer will automatically stop watering to prevent damage when battery power is critically low.

3.2. Connecting the Timer

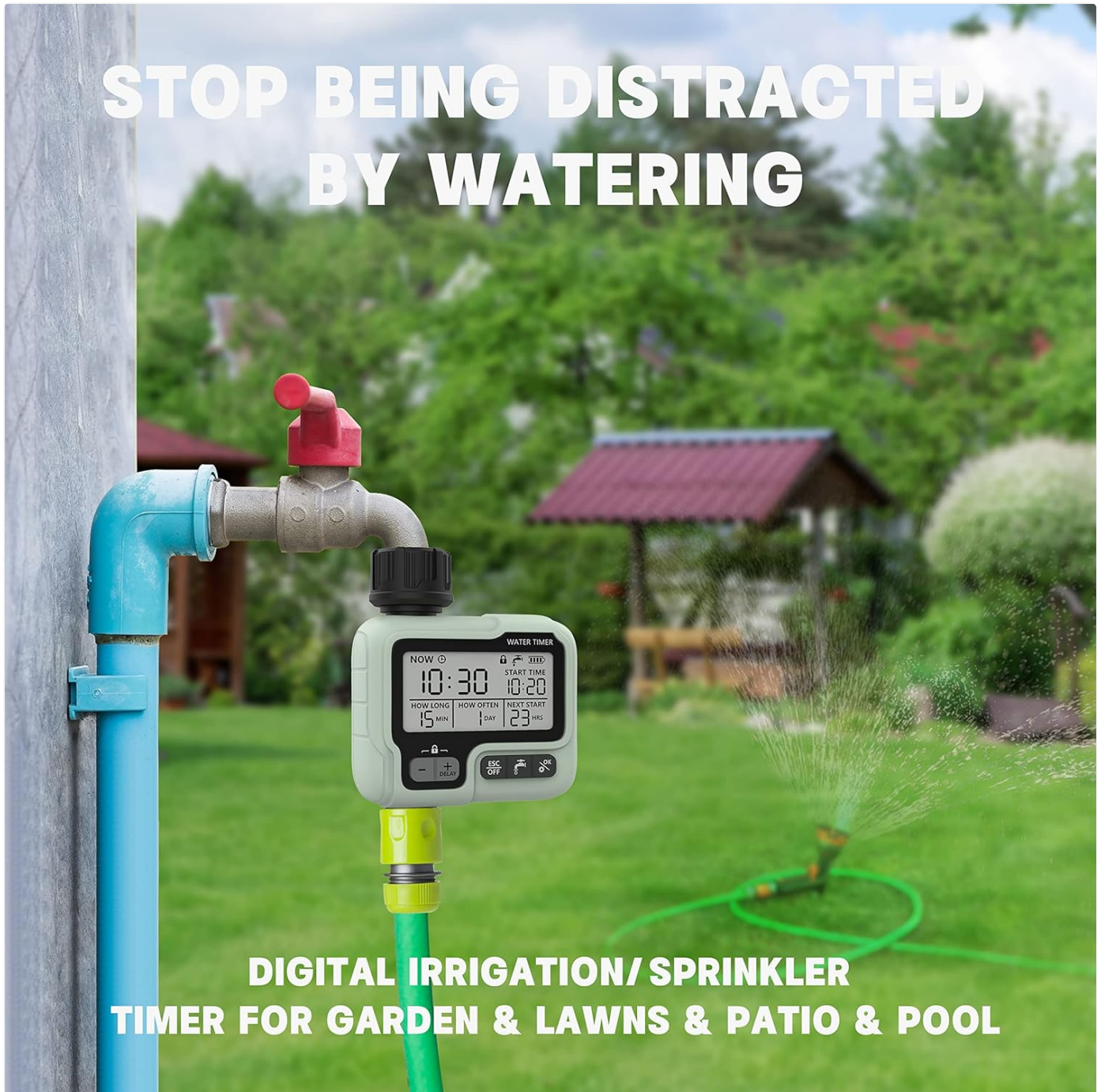


Figure 3.1: The watering timer connected to a standard outdoor faucet and a garden hose.

1. Ensure your faucet is turned off.
2. Screw the inlet connector (top of the timer) onto your outdoor faucet. Hand-tighten only; do not overtighten.

3. Attach your garden hose or irrigation system to the outlet connector (bottom of the timer). Hand-tighten only.
4. Turn on your faucet. The timer is now ready for programming.

Tip: Use thread seal tape on connections if leaks occur, though the timer is designed for a tight seal.

4. OPERATING INSTRUCTIONS

4.1. LCD Display and Buttons



Figure 4.1: Detailed view of the LCD display and its various indicators.

The large LCD display shows all necessary information for programming and operation. The timer features 5 control buttons:

- **+/- Buttons:** Used to adjust values (time, duration, frequency).
- **DELAY Button:** Activates the rain delay function (often combined with + button).
- **ESC/OFF Button:** Exits current setting mode or turns off watering.

- **Watering Icon Button:** Activates manual watering.
- **OK/Gear Icon Button:** Confirms settings or enters programming mode.

4.2. Setting Current Time

1. Press the **OK/Gear** button to enter time setting mode. The "NOW" time will flash.
2. Use the **+/-** buttons to adjust the current hour.
3. Press **OK/Gear** to confirm the hour and move to minutes.
4. Use the **+/-** buttons to adjust the current minutes.
5. Press **OK/Gear** to confirm and exit time setting.

4.3. Automatic Watering Mode

PROGRAMMABLE & EASY TO OPERATE

HOW LONG

1 second 99 minutes

HOW OFTEN

1 hour 15 days

A LARGER RANGE OF RUN TIMES AND INTERVALS

Figure 4.2: Programming options for watering duration and frequency.

This mode allows you to set a precise watering schedule.

1. Press the **OK/Gear** button repeatedly until "START TIME" flashes.
2. Use the +/- buttons to set the desired start hour for watering. Press **OK/Gear** to confirm.
3. Use the +/- buttons to set the desired start minutes. Press **OK/Gear** to confirm.
4. "HOW LONG" (watering duration) will flash. Use +/- buttons to set the duration from 1 second to 99 minutes. Press **OK/Gear** to confirm.
5. "HOW OFTEN" (watering frequency) will flash. Use +/- buttons to set the frequency from 1 hour to 15 days. Press **OK/Gear** to confirm.
6. The timer is now programmed and will begin watering according to your schedule.

4.4. Manual Watering Mode

Manual watering allows for immediate, unscheduled watering without affecting your programmed schedule.

1. Press the **Watering Icon** button. The display will show "MANUAL" or a similar indicator.
2. Use the +/- buttons to set the desired duration for manual watering.
3. Press **OK/Gear** to start manual watering.
4. To stop manual watering, press the **ESC/OFF** button.

4.5. Rain Delay Function

The rain delay function allows you to pause your watering schedule for a set period, conserving water during rainy weather.

1. Press and hold the **DELAY** button (often combined with the + button).
2. Use the +/- buttons to select the desired delay period (e.g., 24 hours, 48 hours, 72 hours).
3. Press **OK/Gear** to activate the rain delay. The timer will resume its programmed schedule after the delay period ends.
4. To cancel the rain delay, press the **DELAY** button again or the **ESC/OFF** button.

4.6. Child Lock Mode

To prevent accidental changes to your settings, activate the child lock.

- To activate: Press and hold the +/- buttons simultaneously for a few seconds until a lock icon appears on the display.
- To deactivate: Press and hold the +/- buttons simultaneously again until the lock icon disappears.

5. MAINTENANCE

- **Battery Replacement:** Replace batteries promptly when the low battery indicator appears. Remove batteries if the timer will not be used for an extended period.
- **Cleaning:** Wipe the timer with a soft, damp cloth. Do not use abrasive cleaners or immerse the unit in water.
- **Winter Storage:** Before freezing temperatures, disconnect the timer from the faucet and hose. Drain any remaining water and store the unit indoors in a dry, frost-free location.
- **Filter Screen:** Periodically check the filter screen inside the inlet connector for debris. Clean it if necessary to ensure proper water flow.

6. TROUBLESHOOTING

Problem	Possible Cause	Solution
Timer not watering.	Low or dead batteries. Faucet is off. Incorrect programming. Rain delay active. Child lock active.	Replace batteries. Turn on the faucet. Review and adjust programming. Cancel rain delay. Deactivate child lock.
Water leaking from connections.	Loose connections. Missing or damaged washer. Damaged threads.	Tighten connections (hand-tighten only). Check and replace washer if necessary. Use thread seal tape.
Display is blank or dim.	Dead or improperly installed batteries.	Replace batteries, ensuring correct polarity.

7. SPECIFICATIONS

Feature	Detail
Brand	Kazeila
Model Number	HCT-322
Material	Plastic
Dimensions (L x W x H)	4.9 x 12.6 x 9.8 cm (1.9 x 5.0 x 3.9 inches)
Weight	385 g (13.6 ounces)
Waterproof Rating	IPX5
Watering Duration	1 second to 99 minutes
Watering Frequency	1 hour to 15 days
Power Source	2 x AA Batteries (not included)

8. WARRANTY AND SUPPORT

For warranty information, technical support, or any inquiries regarding your Kazeila HCT-322 Automatic Watering Timer, please refer to the official Kazeila website or contact their customer service directly. Contact details can typically be found on the product packaging or the manufacturer's official online presence.

Please retain your proof of purchase for warranty claims.

