

BlueBird A1390

BlueBird A1390 Automatic Irrigation Tap Programmer User Manual

Model: A1390 | Brand: BlueBird

1. INTRODUCTION

This manual provides comprehensive instructions for the installation, operation, and maintenance of your BlueBird A1390 Automatic Irrigation Tap Programmer. This device is designed to automate your garden watering schedule, ensuring efficient and consistent irrigation. Please read this manual thoroughly before using the product to ensure correct operation and to prevent damage.

2. SAFETY INFORMATION

- Do not immerse the unit in water. The unit is designed to be weather-resistant, but not submersible.
- Use only 1.5V AA alkaline batteries. Do not mix old and new batteries, or different types of batteries.
- Remove batteries if the unit will not be used for an extended period to prevent leakage.
- Keep out of reach of children.
- Do not attempt to disassemble or repair the unit yourself. Contact qualified personnel for service.
- Ensure all connections are secure to prevent leaks.

3. PACKAGE CONTENTS

Please check the package for the following items:

- 1x BlueBird A1390 Automatic Irrigation Tap Programmer
- 1x User Manual (this document)

Note: 2 AA 1.5V batteries are required for operation and are not included in the package.

4. PRODUCT OVERVIEW

The BlueBird A1390 features two main rotary dials for setting irrigation frequency and duration, along with a battery indicator and an ON/OFF switch.





Figure 1: Front view of the BlueBird A1390 Irrigation Programmer. The left dial controls irrigation frequency, and the right dial controls irrigation duration. A battery indicator light is located between the dials.

Components:

- **Frequency Dial (Frecuencia):** Sets how often the irrigation occurs. Options include 0 (off), 1, 2, 3, 4, 6, 8, 12, 24, 48, 72 hours, and a '*' setting for manual or weekly operation.
- **Duration Dial (Duración):** Sets how long each irrigation cycle lasts. Options include 0 (off), 1, 3, 5, 10, 15, 20, 30, 60, 90, 120 minutes.
- **ON/OFF Switch:** Located on the Duration Dial, allows for manual override or turning the unit off.
- **Battery Indicator:** A light that indicates battery status.
- **Battery Compartment:** Located at the rear of the unit (not visible in Figure 1).
- **Water Inlet/Outlet:** Standard tap and hose connections.

5. SETUP

5.1 Battery Installation

1. Locate the battery compartment cover on the back of the unit.
2. Remove the cover by twisting or sliding it open.
3. Insert two (2) new 1.5V AA alkaline batteries, ensuring correct polarity (+/-).
4. Replace the battery compartment cover securely to maintain water resistance.

5.2 Connecting to the Tap

1. Ensure your outdoor tap is turned off.
2. Screw the BlueBird A1390 programmer onto your tap. Hand-tighten only to prevent damage.
3. Connect your garden hose or irrigation system to the outlet of the programmer. Ensure a tight connection to prevent leaks.
4. Slowly turn on your outdoor tap. Check for any leaks at the connections.

6. OPERATING INSTRUCTIONS

The BlueBird A1390 is designed for simple, intuitive programming using its two rotary dials.

6.1 Setting Irrigation Frequency

1. Rotate the **Frequency Dial** (left dial) to your desired irrigation interval.
2. Available settings are:
 - **0**: No irrigation (off).
 - **1, 2, 3, 4, 6, 8, 12, 24, 48, 72**: Irrigation every X hours.
 - *****: This setting typically indicates a manual mode or a weekly cycle, depending on the specific model's internal logic. Refer to the example below for common usage.

6.2 Setting Irrigation Duration

1. Rotate the **Duration Dial** (right dial) to your desired watering time per cycle.
2. Available settings are:
 - **OFF**: No irrigation.
 - **ON**: Continuous irrigation (use with caution).
 - **1, 3, 5, 10, 15, 20, 30, 60, 90, 120**: Irrigation for X minutes.

6.3 Example Programming

To water every 6 hours for 10 minutes:

1. Set the **Frequency Dial** to **6** (hours).
2. Set the **Duration Dial** to **10** (minutes).

The programmer will automatically begin the cycle based on these settings. The first cycle will typically start shortly after programming, or after a short delay.

6.4 Manual ON/OFF

To manually turn on the water, rotate the Duration Dial to the **ON** position. To stop manual watering, rotate the dial back to **OFF** or a timed setting.

7. MAINTENANCE

7.1 Battery Replacement

When the battery indicator light dims or the unit stops functioning, it's time to replace the batteries. Follow the steps in Section 5.1 for battery installation.

7.2 Cleaning

Clean the exterior of the programmer with a damp cloth. Do not use abrasive cleaners or solvents. Ensure no water enters the battery compartment or internal electronics.

7.3 Winter Storage

Before the first frost, disconnect the programmer from the tap and hose. Remove the batteries. Store the unit indoors in a dry, frost-free location to prevent damage from freezing water.

8. TROUBLESHOOTING

| Problem | Possible Cause | Solution |
|-----------------------------------|---|--|
| Unit does not turn on/display. | Dead or incorrectly installed batteries. | Replace batteries, ensuring correct polarity. |
| Water does not flow. | Tap is off; programmer set to '0' or 'OFF'; low water pressure; clogged filter. | Ensure tap is fully open. Check frequency/duration settings. Verify water pressure. Clean any filters. |
| Unit leaks at connections. | Loose connections; missing or damaged washer. | Tighten connections. Check and replace washers if necessary. |
| Irrigation schedule is incorrect. | Incorrect frequency or duration settings. | Re-check and adjust the Frequency and Duration Dials according to your desired schedule. |

9. SPECIFICATIONS

- **Model:** A1390
- **Brand:** BlueBird
- **Manufacturer:** Altadex
- **Power Source:** 2 x AA 1.5V Alkaline Batteries (not included)
- **Irrigation Frequency:** 0, 1, 2, 3, 4, 6, 8, 12, 24, 48, 72 hours, or '*' (manual/weekly)
- **Irrigation Duration:** OFF, ON, 1, 3, 5, 10, 15, 20, 30, 60, 90, 120 minutes
- **Product Dimensions:** Approximately 19.4 x 10.6 x 10 cm
- **Product Weight:** Approximately 280 g
- **GTIN (UPC):** [8426375113909](#)

10. WARRANTY AND SUPPORT

This product is covered by a standard manufacturer's warranty. For specific warranty details, please refer to the documentation provided at the time of purchase or contact your retailer. For technical support or inquiries, please contact the seller or manufacturer directly.