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- › [Orbit](#) /
- › [Orbit 61014 Garden Box Drip Irrigation Drip Watering Kit with 1-Outlet Digital Hose Faucet Sprinkler Timer User Manual](#)

Orbit 61014

Orbit 61014 Garden Box Drip Irrigation Drip Watering Kit with 1-Outlet Digital Hose Faucet Sprinkler Timer User Manual

Model: 61014

PRODUCT OVERVIEW

The Orbit 61014 Garden Box Drip Irrigation Kit is designed for automatic drip watering of garden boxes up to 64 square feet. This kit includes a 1-outlet digital hose faucet timer, ensuring efficient water usage and precise scheduling. The closed-loop grid pattern provides uniform watering, and the Drip-Lock fittings allow for tool-free installation.



Image: All components of the Orbit 61014 Drip Irrigation Kit, including the digital timer, tubing, fittings, and hose cutter.

SETUP AND INSTALLATION

Follow these steps to set up your Orbit Drip Irrigation Kit:

1. **Plan Your Layout:** Determine the best closed-loop grid pattern for your garden box to ensure uniform watering. The kit is designed for areas up to 64 square feet.
2. **Connect the Timer:** Attach the 1-outlet digital hose faucet timer to your outdoor faucet. Ensure a secure, watertight connection.



Image: The Orbit digital hose faucet timer securely attached to an outdoor spigot, ready for use.

3. **Install Tubing:** Use the included tubing to create your desired grid pattern. The kit includes 50 feet of hose.



Image: A coiled roll of black drip irrigation tubing, ready to be unrolled and cut for installation.

4. **Cut Tubing:** Use the provided hose cutter to make clean cuts in the tubing as needed for your layout.



Image: A person's hand demonstrating the use of the red hose cutter to precisely cut the black drip irrigation tubing.

5. **Connect Fittings:** Utilize the Drip-Lock fittings and self-piercing couplings to connect tubing sections. These fittings install without tools, providing a secure and watertight seal.



Image: A close-up view of a black self-piercing coupling, designed for easy and secure connection of drip irrigation tubing.

6. **Integrate Filter Pressure Regulator:** The 3-in-1 filter pressure regulator should be installed to keep the system clean and protect equipment. It is compatible with drip fittings from Orbit, Hydro-Rain, and other major brands.

Drip-Lock Fitting Overview

The Drip-Lock fittings are designed for quick and secure connections, reducing installation time and effort. They feature stainless-steel teeth for a tight grip and a special O-ring for an instant watertight seal. These fittings can be used on both wet and dry tubing and are removable, allowing for adjustments or repairs.

Your browser does not support the video tag.

Video: An official overview of Orbit Drip-Lock fittings, demonstrating their ease of use, durability, and secure connection capabilities for drip irrigation systems.

OPERATING THE DIGITAL TIMER

The 1-outlet digital hose faucet timer allows for precise control over your watering schedule. It features a manual rain delay function to conserve water.

1. **Set Clock:** Use the dial and buttons to set the current time.
2. **Start Time:** Program the desired start time for your watering cycles.
3. **How Long:** Set the run time for each watering cycle, from 1 to 240 minutes.
4. **How Often:** Choose the interval between watering cycles, from 6 hours to 7 days.
5. **Manual Rain Delay:** To activate the rain delay, turn the dial to the "Rain Delay" setting and select the desired delay period. This will pause watering for a set duration, preventing overwatering during natural rainfall.



Image: A hand turning the dial on the Orbit digital hose faucet timer to adjust settings, with the digital display visible.

MAINTENANCE

Regular maintenance ensures the longevity and efficiency of your drip irrigation system:

- **Filter Cleaning:** Periodically check and clean the 3-in-1 filter pressure regulator to prevent clogs and maintain optimal water flow.
- **Tubing Inspection:** Inspect tubing for any kinks, damage, or blockages. Repair or replace damaged sections using Drip-Lock fittings.
- **Winterization:** Before freezing temperatures, disconnect the timer and drain all water from the system to prevent damage. Store the timer indoors.
- **Battery Replacement:** Replace the timer batteries as needed to ensure continuous operation.

TROUBLESHOOTING

If you encounter issues with your drip irrigation kit, consider the following:

- **Uneven Watering:**
 - Ensure the closed-loop grid pattern is correctly laid out and covers the entire garden box uniformly.
 - Check for kinks or blockages in the tubing that might restrict water flow to certain areas.
 - Verify that the filter pressure regulator is clean and not impeding water pressure.
- **No Water Flow:**
 - Confirm that the outdoor faucet is fully open.
 - Check the timer's battery level and replace if necessary.
 - Ensure the timer is programmed correctly and is set to run.
 - Inspect the filter for clogs.
- **Leaks at Connections:**
 - Ensure all Drip-Lock fittings are fully seated and securely connected to the tubing.
 - Check for any damage to the O-rings within the fittings.
 - Verify that the connection to the faucet is tight and has a good washer.
- **Timer Not Responding:**
 - Replace the batteries.
 - Ensure the dial is set to a valid program mode and not "OFF" or "Rain Delay" unintentionally.

SPECIFICATIONS

| Feature | Detail |
|--------------------|--------------------------|
| Model Number | 61014 |
| Brand | Orbit |
| Coverage Area | Up to 64 square feet |
| Hose Length | 50 Feet |
| Timer Runtimes | 1 to 240 minutes |
| Timer Intervals | 6 hours to 7 days |
| Maximum Pressure | 45 Pound per Square Inch |
| Volume Capacity | 300 Gallons per Hour |
| Power Source | Battery Powered |
| Product Dimensions | 17 x 17 x 5 inches |
| Item Weight | 5.54 pounds |
| UPC | 046878610149 |

WARRANTY AND SUPPORT

For warranty information and technical support, please refer to the official Orbit website or contact their customer service.
Keep your purchase receipt for warranty claims.
For additional resources and product information, visit the [Orbit Store on Amazon](#).