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Rain Bird LNK2

Rain Bird LNK2 Smart WiFi Module

INSTRUCTION MANUAL

Product Overview

The Rain Bird LNK2 Smart WiFi Module (2nd Generation) provides an easy upgrade path for compatible Rain Bird irrigation timers, enabling remote control and programming via a mobile application. This module allows for efficient water management, smart home integration, and real-time monitoring of your irrigation system from anywhere.



Figure 1: Rain Bird LNK2 Smart WiFi Module.

Compatibility

The LNK2 WiFi Module is compatible with specific Rain Bird irrigation timer models manufactured after November 2, 2016, which feature a WiFi symbol on their front control panel. Compatible models include all Rain Bird TRU controller models and ESP-LXIVM, ESP-ME, ESP ME3, ESP-TM2, LXME2, and RZXe series controllers.

The Rain Bird App supports Apple devices running iOS 8.0 or greater and Android devices running OS 6.0 (Marshmallow) or later.



Figure 2: The LNK2 module is compatible with various Rain Bird controllers, including ESP-ME3, ESP-ME, ESP-TM2, ESP-RZXe, and TRU series.



Figure 3: Overview of compatible Rain Bird controller models.

Setup

- 1. Download the Rain Bird App:**

Before installing the module, download the official Rain Bird App to your compatible mobile device. The app is available on both the Apple App Store and Google Play.

Simply Smart Watering

Activate any schedule, delay watering, view upcoming watering schedules, manual watering, even check your local weather forecast.

Download the Rain Bird App for the newest features.

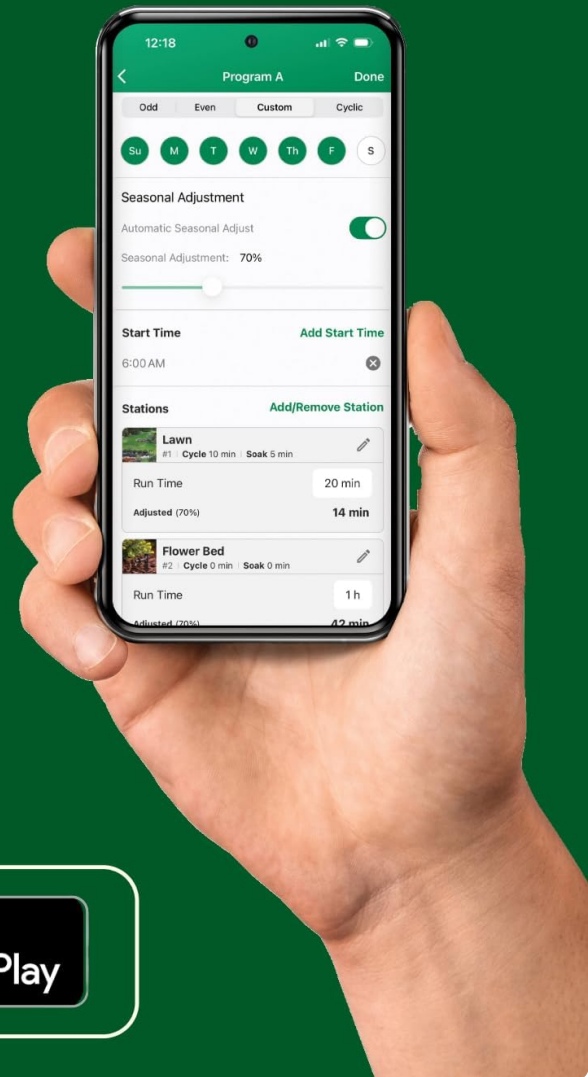
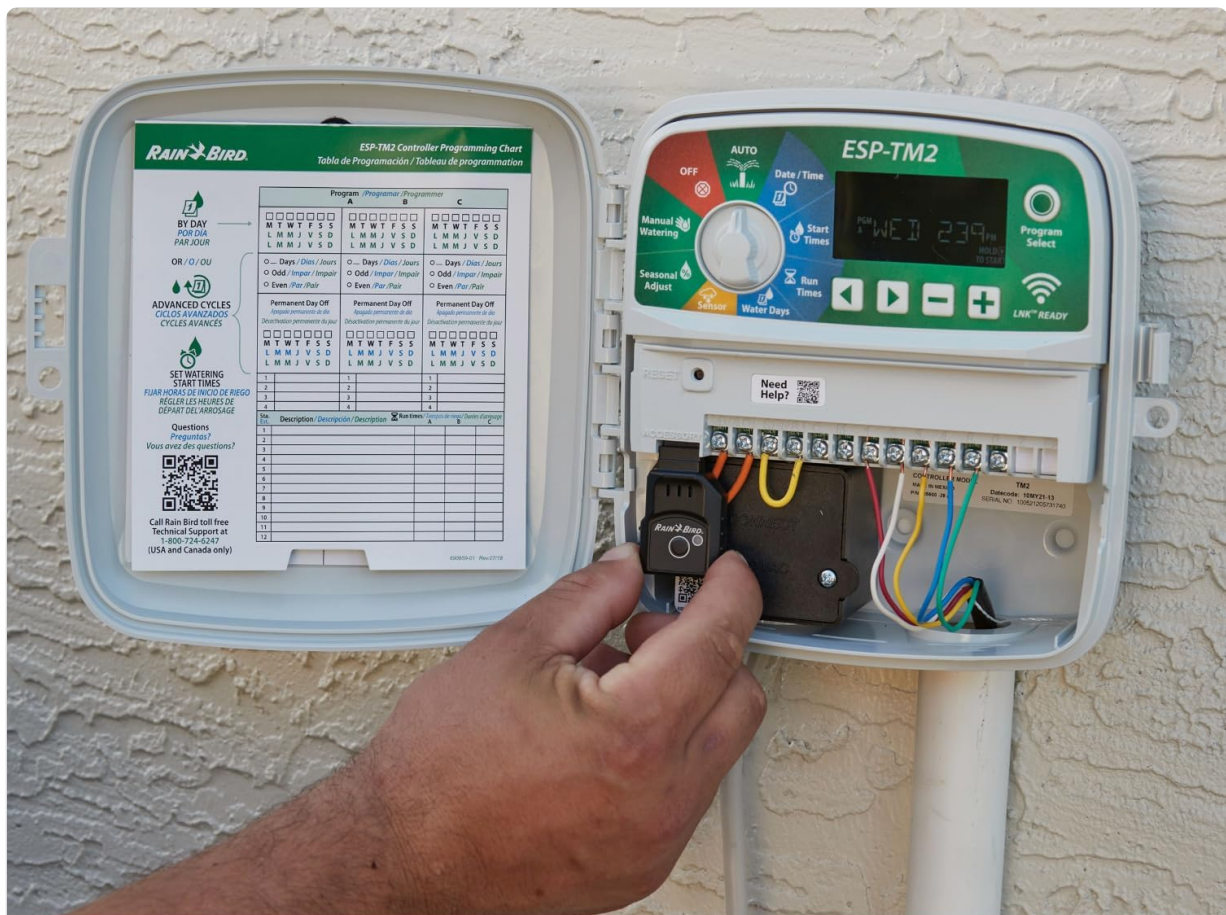


Figure 4: Download the Rain Bird App from your device's app store.

2. **Insert LNK2 to Controller Port:**

Locate the accessory port on your Rain Bird irrigation controller. This port is typically labeled 'ACCESSORY' or indicated by a WiFi symbol. Carefully insert the LNK2 WiFi Module into this port until it is securely seated. No tools are required for this step.



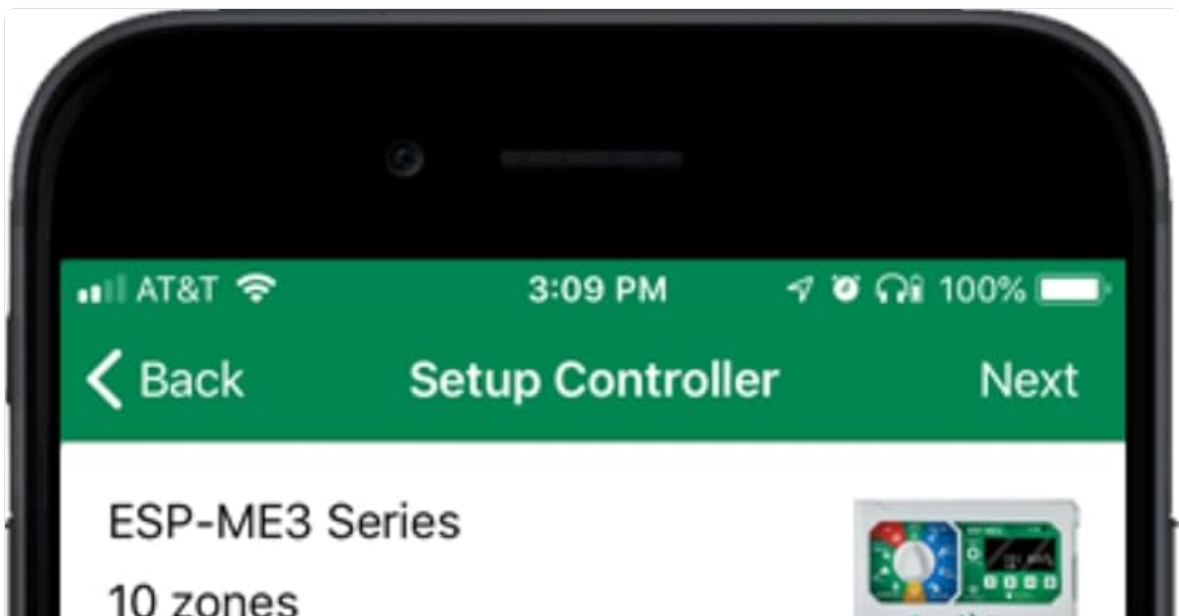
Easy to Install

Make your timer remotely accessible, and programmable from Apple iOS, and Android compatible handheld devices

Figure 5: The LNK2 module easily plugs into the designated port on your Rain Bird controller.

3. Add Controller in App:

Open the Rain Bird App on your mobile device. Follow the on-screen prompts to add your new controller. The app will guide you through the process of connecting the module to your home WiFi network and configuring initial settings. Ensure your mobile device's Bluetooth is enabled for initial pairing.



Where is the controller located?

Select country (required)

United States

Enter ZIP/Postal code (required)

66952

This information is used to determine automatic weather adjustments based on the controller's location.



Figure 6: Set up your controller's location within the app for accurate weather adjustments.

Zone Name Not Wired / Wired

1 Front Yard Grass

2 South Side Yard Plants

3 Back Yard Grass

4 North Side Yard Grass

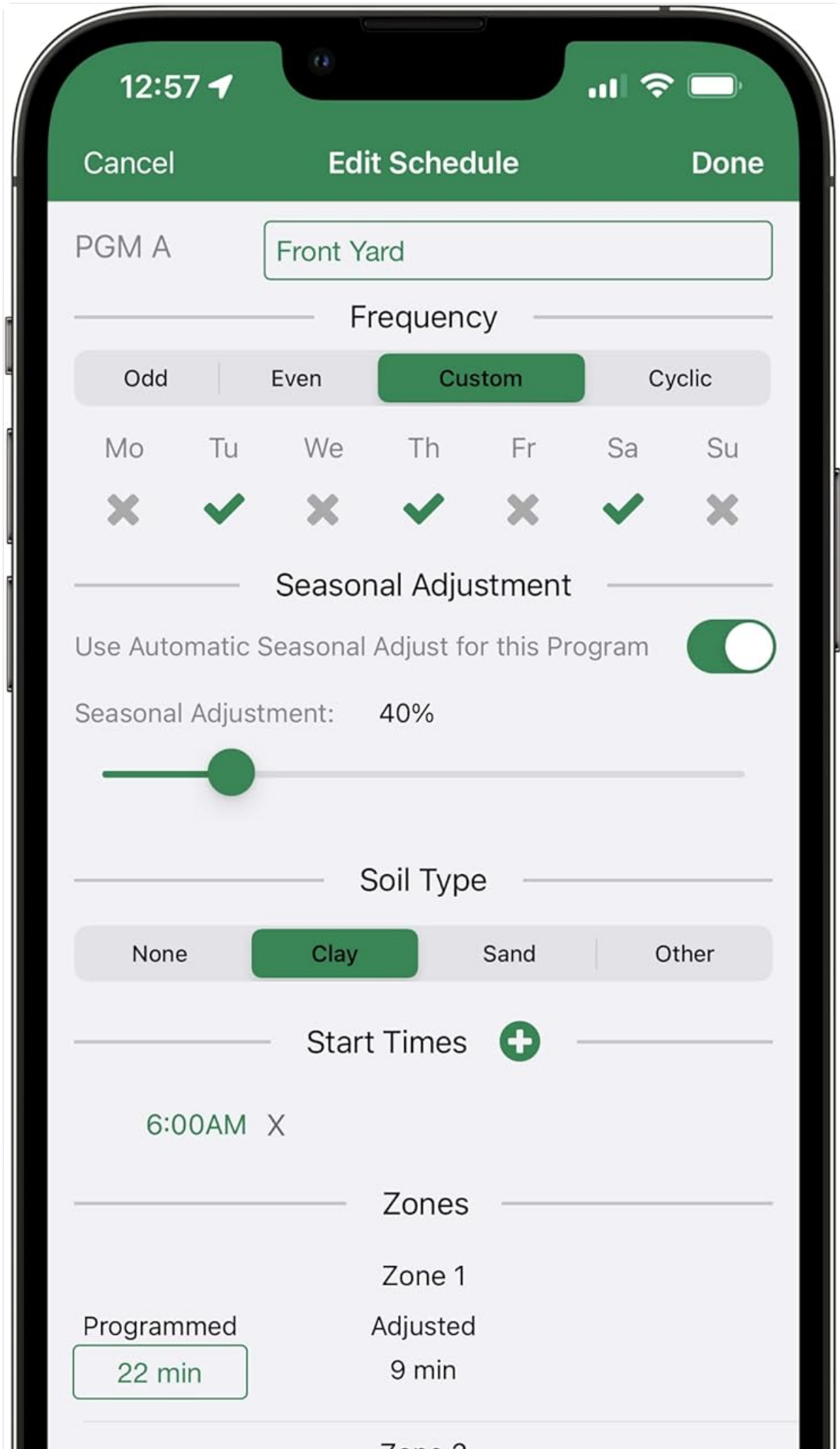
5 Zone 5

6 Zone 6

7 Zone 7

8 Zone 8

Figure 7: Configure and name your irrigation zones within the Rain Bird App.



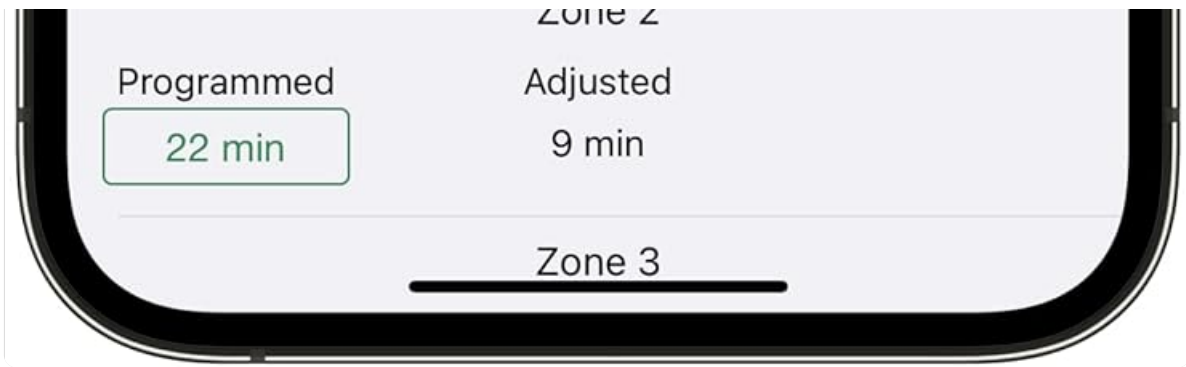


Figure 8: Edit watering schedules, frequency, and seasonal adjustments directly from the app.

Operating the LNK2 Module

Once set up, the LNK2 module enables comprehensive control of your irrigation system through the Rain Bird App.

- **Remote Control Features:**

Manage custom watering schedules, initiate watering for any single zone or all zones, create a Rain Delay to skip scheduled watering based on upcoming rain, and apply overall Seasonal Adjustments to system run times. You can also set tailored push notifications and receive real-time alerts about your system's status.

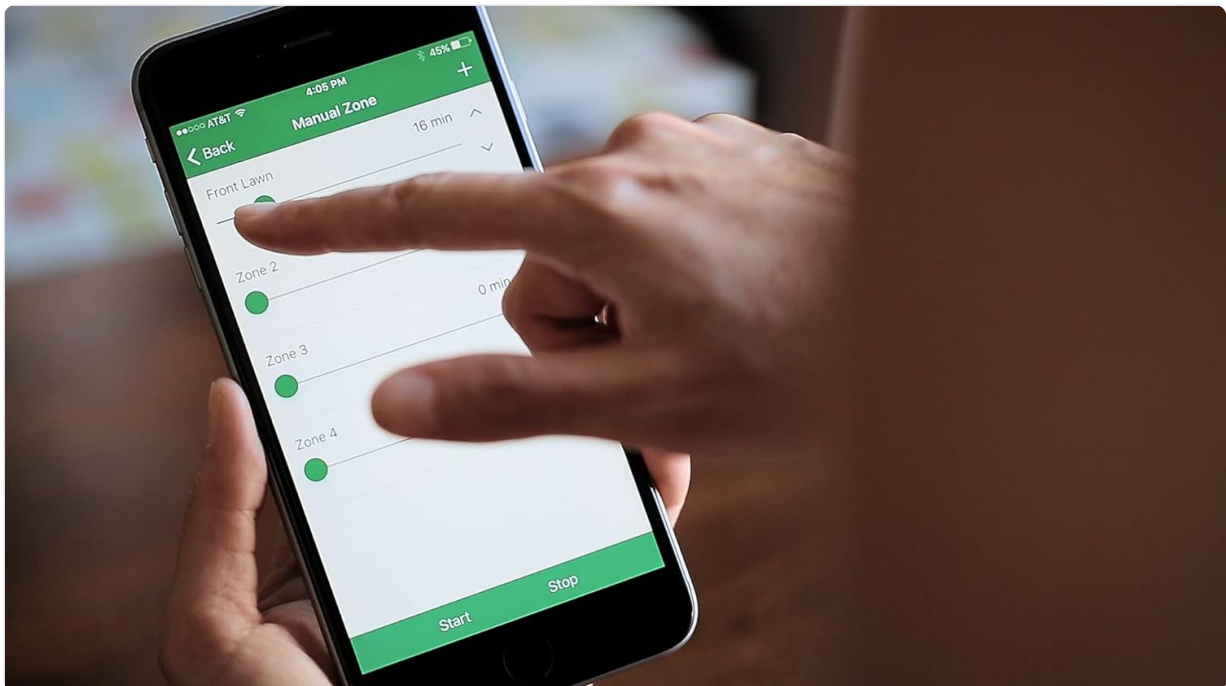


Figure 9: Manually control individual zones directly from your mobile device.



Figure 10: Receive real-time notifications and alerts from your irrigation system.

- **Smart Home Integration:**

The LNK2 module supports voice-activated control through Amazon Alexa and Google Assistant, allowing you to manage your sprinkler system with simple voice commands.

Smart home compatible

Use your voice to control sprinkler systems when connected to Amazon Alexa or Google Assistant.



Figure 11: Control your Rain Bird system using voice commands with smart home devices.

- **Weather Adjustments:**

The system monitors local daily weather conditions and automatically adjusts irrigation run times, ensuring your landscape receives only the necessary water and potentially saving up to 50% in water usage.

Watering Delay

Automatically skip scheduled watering based on upcoming rain in the weather forecast to prevent overwatering.



Figure 12: The system can automatically delay watering based on local weather forecasts.

- **WaterSense Certification:**

Rain Bird products with the WaterSense label meet rigorous testing for efficiency and performance set by the EPA, ensuring reliable and water-efficient operation.



Figure 13: The LNK2 module contributes to EPA WaterSense certified water efficiency.

Maintenance

The Rain Bird App provides remote diagnostic capabilities, allowing you to monitor system health and receive warnings for conditions such as freezing temperatures. This helps in proactive maintenance and scheduling service calls when necessary.

Troubleshooting

For common questions and troubleshooting assistance, the Rain Bird App includes a Help/Support section. If your question is not found in the FAQ list within the app, please visit the Rain Bird WiFi knowledge center for a searchable database of questions and answers.



Figure 14: Access the Help/Support section within the Rain Bird App for assistance.

Online Knowledge Base: <http://wifi.rainbird.com>

Specifications

Feature	Detail
Product Dimensions	1.83 x 1.13 x 0.48 inches
Item Weight	2.39 ounces
Manufacturer	Rain Bird
Country of Origin	Mexico
Item Model Number	LNK2
WiFi Frequency	2.4 GHz (only)
WiFi Security Modes	None, Open, WEP, WPA-TKIP, WPA-AES, WPA2-TKIP, WPA2-AES, WPA2-AES-TKIP
Power Requirements	24VAC(RMS) 50/60Hz; 55mA max
Certifications	UL, cUL, CE, CSA, FCC Part 15b, WEEE, S-Mark, IP30, IFETEL

Warranty & Support

Rain Bird offers a 30-day return policy for this product. For detailed warranty information, technical support, or to contact Rain Bird directly, please refer to the contact information provided in your product packaging or visit the official Rain Bird website.