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Ortis KJ-035

Ortis Smart WiFi Pool Timer Switch KJ-035 User Manual

1. INTRODUCTION

Thank you for choosing the Ortis Smart WiFi Pool Timer Switch KJ-035. This device provides intelligent control over your pool equipment, such as pumps, filters, and landscape lights, through WiFi connectivity. With the Smart Life App, you can manage your devices remotely, set schedules, and integrate with voice assistants like Alexa and Google Assistant. This manual will guide you through the setup, operation, and maintenance of your new smart timer.



Figure 1.1: Ortis Smart WiFi Pool Timer Switch with remote control and app interface.

2. SAFETY INFORMATION

- **Electrical Safety:** Ensure the wall outlet and appliance plugs are in good condition before connecting the timer.
- **Load Capacity:** Do not connect more than two appliances to the protector. The dual sockets can output a total current of up to 15A at 120V, 60Hz. Exceeding this limit may cause overheating or damage.
- **Outdoor Use:** For outdoor installations, always use a weatherproof box or add a waterproof cover to protect the timer from environmental elements. This device is not inherently waterproof without additional protection.
- **WiFi Compatibility:** This device is suitable for 2.4G WiFi networks only. It is not compatible with 5G WiFi networks.

3. PRODUCT OVERVIEW

3.1 Key Features

- **Smart Remote Control:** Control your devices from anywhere using the Smart Life App.
- **Multiple Timing Modes:** Set daily, weekly, or custom timing schedules with precision.
- **Voice Control:** Compatible with Amazon Alexa and Google Assistant for hands-free operation.

- **Dual Socket Design:** Connect and control two devices simultaneously, such as a pool pump and a salt chlorine system.
- **User-Friendly Interface:** Intuitive mobile app for easy setup and management.
- **Versatile Application:** Ideal for pool pumps, automatic cleaners, pond landscape lights, and other outdoor electrical equipment.

3.2 Components

The Ortis Smart WiFi Pool Timer Switch includes:

- Main Timer Unit with two grounded outlets.
- Power Cord with a standard 3-prong plug.
- ON/OFF Button for manual control.
- WiFi Indicator Light.
- Timer Cycle Mode Buttons (2H, 4H, 6H, 8H, 12H, 24H).

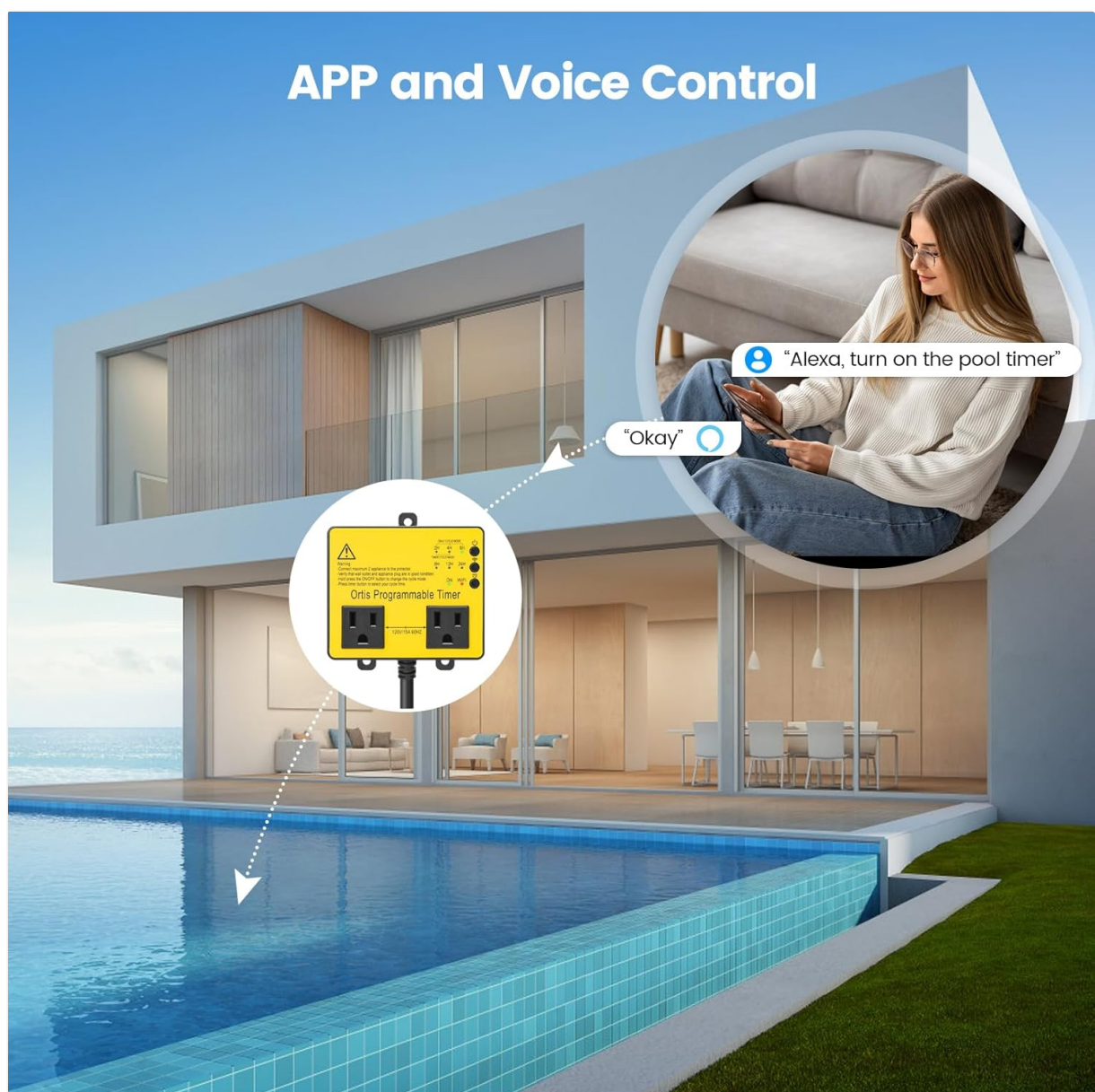


Figure 3.1: Physical dimensions of the Ortis Smart WiFi Pool Timer Switch.

4. SETUP

4.1 Physical Installation

1. **Mounting:** The timer can be mounted using screws or an adhesive hook. Ensure it is placed in a secure location. For outdoor use, place it inside a weatherproof enclosure.
2. **Power Connection:** Plug the timer's power cord into a standard 120V, 60Hz grounded electrical outlet.
3. **Appliance Connection:** Plug your pool pump, filter, or landscape lights into the two outlets on the timer. Ensure the total current draw does not exceed 15A.



Figure 4.1: Connecting the timer to a pool pump and salt chlorine system.

4.2 Smart Life App Download and Pairing

1. **Download App:** Download the "Smart Life" app from the Apple App Store (for iOS) or Google Play Store (for Android).
2. **Register/Login:** Open the app and register for a new account or log in if you already have one.
3. **Enter Pairing Mode:** On the timer, locate the WiFi button. Press and hold this button until the WiFi indicator light begins to flash rapidly. This indicates the device is in pairing mode.
4. **Add Device in App:** In the Smart Life app, tap the "+" icon to add a new device. Select the appropriate device type (e.g., "Electrical Outlet" or "Smart Plug").
5. **Connect to WiFi:** Follow the on-screen instructions in the app to connect the timer to your 2.4G WiFi network. Ensure your phone is also connected to the same 2.4G WiFi network during pairing.
6. **Confirmation:** Once successfully paired, the WiFi indicator light on the timer will become solid, and the

device will appear in your Smart Life app.

Video 4.1: How to Use the GeniLife APP-For iOS System. This video demonstrates the app pairing and usage process.

5. OPERATING INSTRUCTIONS

5.1 Manual Control

You can manually turn the connected appliances ON or OFF by pressing the ON/OFF button on the timer unit. Pressing this button will toggle the power state of both connected outlets.

5.2 App Control (Smart Life App)

Once the timer is paired with the Smart Life app, you can control it remotely and set schedules.

- **Remote ON/OFF:** Open the Smart Life app, select your Ortis Smart Pool Timer, and tap the power icon to turn it ON or OFF.
- **Setting Schedules:** The app allows for various timing functions:
 - **Daily Cycle Mode:** Set a specific ON/OFF time for each day.
 - **Timer Cycle Mode:** Set a duration for the device to run (e.g., 2H, 4H, 6H, 8H, 12H, 24H). This can also be set directly on the device using the timer buttons.
 - **Weekly Schedule:** Create detailed schedules for specific days of the week, down to the minute.
- **Time Correction:** The app includes functionality for time correction to ensure accurate scheduling.



Figure 5.1: Smart Life App interface for setting daily and weekly schedules.

5.3 Voice Control

Integrate your Ortis Smart Pool Timer with Amazon Alexa or Google Assistant for convenient voice control.

1. **Link Accounts:** In the Alexa or Google Home app, enable the "Smart Life" skill/service and link your Smart Life account.
2. **Discover Devices:** Ask your voice assistant to discover new devices.
3. **Voice Commands:** Use commands such as: "Alexa, turn on the pool timer" or "Hey Google, turn off the pool pump."

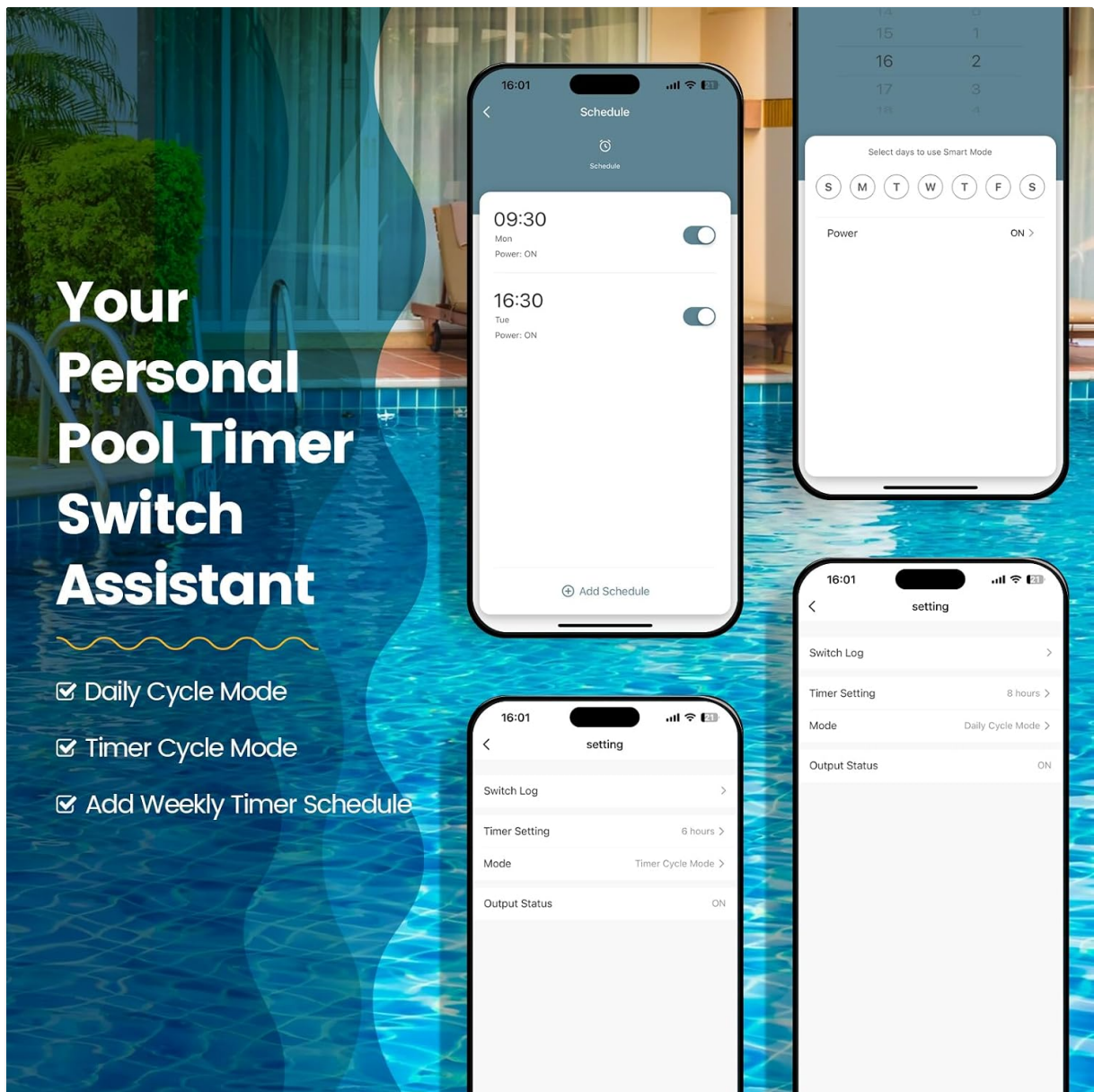


Figure 5.2: Voice control integration with smart home assistants.

6. MAINTENANCE

- **Cleaning:** Disconnect the timer from power before cleaning. Wipe the surface with a dry, soft cloth. Do not use harsh chemicals or abrasive cleaners.
- **Outdoor Protection:** Regularly inspect any weatherproof enclosure or cover used for outdoor installations to ensure it remains sealed and protects the timer from moisture and debris.
- **Connection Check:** Periodically check the electrical connections to ensure they are secure and free from corrosion.

7. TROUBLESHOOTING

Problem	Possible Cause	Solution
Device not powering on.	No power from outlet; loose connection.	Check the wall outlet with another appliance. Ensure the timer's plug is fully inserted.

Problem	Possible Cause	Solution
WiFi indicator not flashing during pairing.	Not in pairing mode.	Press and hold the WiFi button until the light flashes rapidly.
Cannot connect to WiFi.	Incorrect WiFi band (5G); weak signal; wrong password.	Ensure you are using a 2.4G WiFi network. Move the timer closer to the router. Double-check your WiFi password.
Appliance not turning ON/OFF.	Appliance not plugged in correctly; timer schedule conflict; manual override.	Verify the appliance is securely plugged into the timer. Check the app for active schedules. Ensure the manual ON/OFF button is not overriding the schedule.
Device feels warm during operation.	Normal operation; overloaded circuit.	A slight warmth is normal. If it feels excessively hot, disconnect immediately and check the total current draw of connected appliances (should not exceed 15A).

8. SPECIFICATIONS

- **Model Number:** KJ-035
- **Brand:** Ortis
- **Material:** Plastic
- **Product Dimensions:** 2.3"D x 2.5"W x 4.1"H
- **Input Voltage:** 120V
- **Current Rating:** 15A (Max total for dual sockets)
- **Frequency:** 60Hz
- **Number of Settings:** 5 (referring to timing modes)
- **Smart Home Compatibility:** Smart Life App, Amazon Alexa, Google Assistant
- **WiFi Requirement:** 2.4GHz only

9. WARRANTY AND SUPPORT

For warranty information or technical support, please refer to the product packaging or contact Ortis customer service directly. Contact details can typically be found on the manufacturer's website or through your purchase platform.