

VIVOSUN GrowHub A10 1-Plug

VIVOSUN GrowHub Outlet Controller A10 Instruction Manual

Model: GrowHub A10 1-Plug

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1. INTRODUCTION

The VIVOSUN GrowHub Outlet Controller A10 is a smart WiFi outlet designed to integrate non-smart devices into your VIVOSUN Smart Grow System (SGS). This compact smart plug allows for remote control and automated scheduling of your grow tent equipment, ensuring precise management and a stable environment for optimal plant growth. It is compatible with wired devices featuring mechanical switches or basic on/off functionality.

Key features include:

- **Unify Your Equipment:** Operate devices individually or integrate them with the GrowHub A10 for seamless control.
- **Effortless Automation:** Automate control seamlessly with app-based scheduling. It operates locally even when offline, keeping your growing process uninterrupted.
- **Safe Growing:** Made with fire-resistant material, this ETL-certified outlet quickly reacts to overheating, overload, or malfunctions.
- **Access Anytime, Anywhere:** WiFi-enabled for control and monitoring via the Vivosun app, unlocking advanced features like Grow Recipes and customizable settings.
- **Wide Compatibility:** A 15A outlet supporting up to 1800W, compatible with most devices.

2. SETUP

2.1 What's in the Box

- GrowHub A10 Outlet Controller

2.2 Initial Connection and App Pairing

To begin using your GrowHub A10, follow these steps to connect it to your Vivosun App:

1. Download the Vivosun App from your device's app store.
2. Plug the GrowHub A10 into a standard electrical outlet.
3. Open the Vivosun App and follow the on-screen instructions to add a new device. Ensure your smartphone is connected to a 2.4 GHz Wi-Fi network during the pairing process.
4. The app will guide you through connecting the GrowHub A10 to your Wi-Fi network and registering the device.
5. Once connected, you may be prompted to update the device firmware. It is recommended to perform this update to ensure optimal performance and access to the latest features.

Designed for Growing

Connect non-smart devices to the Vivosun Smart Grow System (SGS) for seamless control.



Pumps



Humidifiers



T5 Grow Lights



Heaters



* Compatible with wired devices featuring mechanical switches or simple on/off functionality.

Image: The VIVOSUN GrowHub A10 Smart Outlet, a compact black device with two prongs for plugging into a wall outlet and a single three-prong socket on its face. The VIVOSUN logo is visible on the top surface.

Simplify Your Setup

Easily control and schedule non-smart devices remotely with GrowHub A10 through the Vivosun app.



Image: The VIVOSUN GrowHub A10 plugged into a wall outlet, with a power cord from a grow light plugged into the GrowHub. This illustrates how the device simplifies the setup of grow tent equipment.

Your browser does not support the video tag.

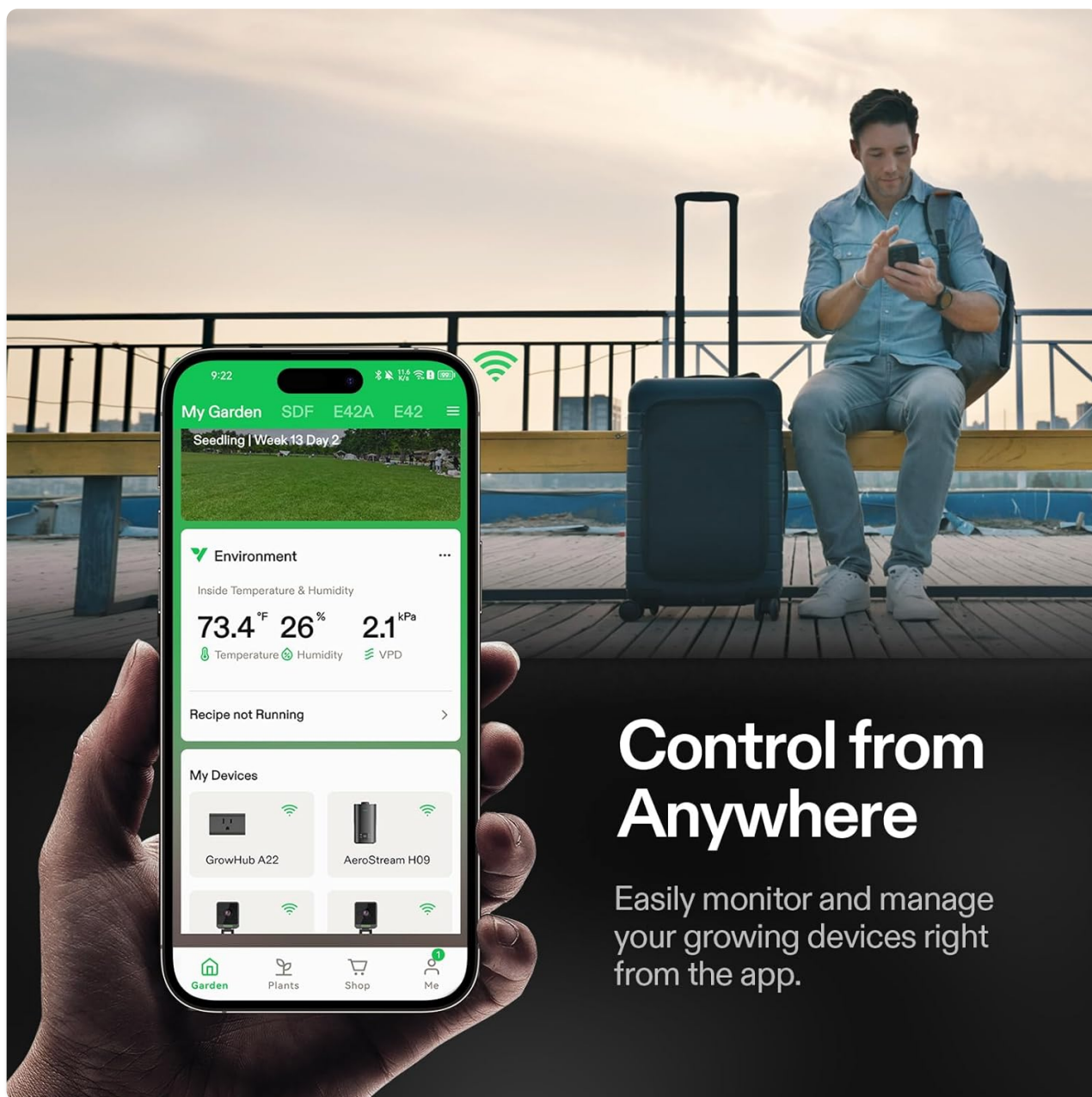
Video: An official VIVOSUN video titled 'GrowHub A10 Designed for Growing'. This video demonstrates the physical product, its connection to a power strip, and various features within the Vivosun app, including manual control, cycle scheduling, and recipe planning for grow lights.

3. OPERATING THE GROWHUB A10

The VIVOSUN App provides comprehensive control over your GrowHub A10 and connected devices.

3.1 Manual Control

From the app's main control interface for the GrowHub A10, you can manually switch the connected device ON or OFF with a single tap. This allows for immediate adjustments as needed.



Control from Anywhere

Easily monitor and manage your growing devices right from the app.

Image: A smartphone displaying the VIVOSUN app interface for the GrowHub A10, showing environmental data and connected devices. This highlights the remote monitoring and control capabilities.

3.2 Cycle Scheduling

For automated operation, utilize the 'Cycle' function to set specific ON and OFF durations for your devices. This is ideal for maintaining consistent light cycles, fan operation, or irrigation schedules.

1. Navigate to the 'Cycle' tab within the GrowHub A10 control screen.
2. Set your desired 'Start Time' for the cycle.
3. Define the 'ON Duration' (e.g., 18 hours) and 'OFF Duration' (e.g., 6 hours).
4. Activate the cycle to begin automated operation.



Image: The VIVOSUN GrowHub A10 plugged into a wall outlet, with an app screenshot showing ON/OFF control and Timer & Cycle Control options. This emphasizes the device's compact size and powerful features.

3.3 Grow Recipes

The Vivosun App offers 'Grow Recipes' for advanced, personalized growth plans. These recipes allow you to create customized settings for various growth stages, optimizing conditions for the best results.

1. Select the 'Recipe' tab in the GrowHub A10 control screen.
2. Choose from pre-set recipes or create your own custom recipe based on your plant's needs.
3. Configure parameters such as light intensity, duration, and other environmental controls.
4. Apply the recipe to your GrowHub A10 to initiate the specialized growth plan.

The GrowHub A10 operates locally even when offline, ensuring your schedules and recipes continue to run without interruption.

4. MAINTENANCE

To ensure the longevity and optimal performance of your VIVOSUN GrowHub Outlet Controller A10, follow

these simple maintenance guidelines:

- **Cleaning:** Regularly wipe the exterior of the device with a dry, soft cloth. Do not use liquid cleaners or abrasive materials, as these can damage the unit.
- **Inspection:** Periodically check the power prongs and outlet for any signs of damage, corrosion, or loose connections. Ensure the device is securely plugged into the wall outlet.
- **Environment:** Keep the GrowHub A10 in a dry environment, away from excessive moisture, humidity, and extreme temperatures.
- **Firmware Updates:** Always keep the device firmware updated through the Vivosun App to benefit from performance improvements and security enhancements.



Image: The VIVOSUN GrowHub A10 highlighting its durable and safe design, including ETL certification, V-0 rated PC fire-resistant shell, 15A max current, and overload protection.

5. TROUBLESHOOTING

If you encounter issues with your GrowHub A10, refer to the following common problems and solutions:

- **Device Not Connecting to Wi-Fi:**

- Ensure your Wi-Fi network is 2.4 GHz. The GrowHub A10 does not support 5 GHz networks.
- Check your Wi-Fi signal strength at the device's location.
- Restart your Wi-Fi router and the GrowHub A10.
- Verify that the Wi-Fi password entered in the app is correct.

- **App Not Controlling Device:**

- Confirm the GrowHub A10 is connected to Wi-Fi (check the indicator light on the device).
- Ensure your smartphone has an active internet connection.
- Close and reopen the Vivosun App.
- Check for any pending firmware updates for the GrowHub A10 in the app.

- **Device Not Powering On/Off:**

- Ensure the connected appliance is functioning correctly when plugged directly into a standard outlet.
- Check if the GrowHub A10 is receiving power (indicator light should be on).
- Verify that the appliance's power switch is in the ON position if it has one.

- **Overload Protection Triggered:**

- If the device shuts off unexpectedly, it might be due to an overload. Unplug the connected appliance and check its wattage. Ensure it does not exceed the GrowHub A10's maximum wattage (1800W).
- Allow the GrowHub A10 to cool down before attempting to use it again.

For further assistance, please contact VIVOSUN customer support.

6. SPECIFICATIONS

Specification	Value
Operation Mode	OFF-NONE-ON
Current Rating	15 Amps (Max for General Use), 10 Amps (Max for Heaters)
Operating Voltage	110-240V
Wattage	1800W Resistive
Connectivity Protocol	Wi-Fi (IEEE 802.11 b/g/n, 2.4 GHz)
Control Method	App
Item Dimensions (L x W x H)	2.6 x 1.5 x 1.3 inches
Item Weight	2.39 ounces
Material	Plastic
International Protection Rating	IP66
Certifications	ETL Certified

Specifications

Input	110-240V~50/60 Hz
Rated Current	Total 10A Max for Heaters, Total 15A Max for General Use
Max Total Power Output	1800W Resistive
Connectivity	IEEE 802.11 b/g/n, 2.4 GHz



Image: A diagram illustrating the physical dimensions (2.5 in x 1.5 in x 1.3 in) and key specifications of the VIVOSUN GrowHub A10, including input voltage, rated current, max total power output, and connectivity.

7. WARRANTY & SUPPORT

VIVOSUN products are manufactured to high-quality standards and are backed by a limited warranty. For specific warranty details, including coverage period and terms, please refer to the warranty card included with your product or visit the official VIVOSUN website.

For technical support, troubleshooting assistance, or any questions regarding your GrowHub A10, please contact VIVOSUN customer service through the following channels:

- **VIVOSUN Official Website:** www.vivosun.com
- **Email Support:** Refer to your product packaging or website for the latest contact email.
- **In-App Support:** The Vivosun App may offer direct support options.

Please have your product model and purchase information ready when contacting support.

