Spider Farmer SF-GGS-AC10 Kits-EU

Spider Farmer GGS AC10 Power Strip Kits User Manual

Model: SF-GGS-AC10 Kits-EU
Brand: Spider Farmer

1. Introduction and Overview

The Spider Farmer GGS AC10 Power Strip Kits provide a comprehensive solution for automating and controlling your indoor grow environment. This smart power strip features 10 independent outlets, allowing precise management of various devices such as LED grow lights, fans, heaters, and humidifiers. Integrated with the Spider Farmer app, it offers remote control, custom scheduling, and environmental monitoring through included sensors, ensuring optimal conditions for plant growth.



Image: The GGS AC10 Power Strip connected to a 3-in-1 soil sensor and a temperature/humidity/light sensor, with the Spider Farmer app interface visible on a smartphone.

2. Product Components

The Spider Farmer GGS AC10 Power Strip Kits include the following items:

- 1x GGS AC10 Power Strip
- 1x 3-in-1 Soil Sensor
- 1x GGS Temp Humid Light Sensor
- 1x GGS Light & Fan Adapter
- 3x RJ12 Telephone Line Splitter
- 7x 98-inch 6 Pin RJ12 Cable
- 2x 10-inch 6 Pin RJ12 Cable
- 6x Hook and Loop Strap

- 1x User Manual (this document)



Image: The GGS AC10 Power Strip with labels for Device Port, SYNC port, and Overcurrent protection button.



Image: The 2-in-1 Light & Fan Adapter, designed for connecting 0-10V lights and PWM clip fans.

3. Setup

3.1 Power Strip Placement

Place the GGS AC10 Power Strip in a secure location within your grow environment, ensuring it is protected from direct water exposure and excessive humidity. Ensure adequate ventilation around the unit.

3.2 Connecting Devices

The power strip features 10 independent AC outlets. Plug your grow equipment (lights, fans, heaters, humidifiers, etc.) into the desired outlets. For smart control features, connect compatible Spider Farmer devices using the provided RJ12 cables and splitters.

- **SF Series, G Series, and SE Series LED Grow Lights:** Connect directly via RJ12 ports for remote management and dimming.
- **RJ12 Clip/Inline Fans:** Connect via RJ12 ports for precise scheduling, standby speed, and oscillation settings.
- **Fans without RJ12 Ports:** These can still be controlled via on/off timers through the power strip's outlets.
- **Heaters, Humidifiers, Dehumidifiers, Supplemental Lights:** Connect to any AC outlet for timer, temperature, humidity, and CO2-triggered modes.

3.3 Sensor Connection and Placement

Connect the included sensors to the designated ports on the power strip or via RJ12 splitters if needed.

- **3-in-1 Soil Sensor:** Insert the probes horizontally into the soil to monitor moisture (VWC), temperature, and electrical conductivity (EC). Ensure good contact with the soil for accurate readings.
- **GGS Temp Humid Light Sensor:** Place this sensor inside your grow tent or room to track temperature, humidity, and day/night cycles. Ensure the light sensor on the side remains unobstructed for accurate measurements.

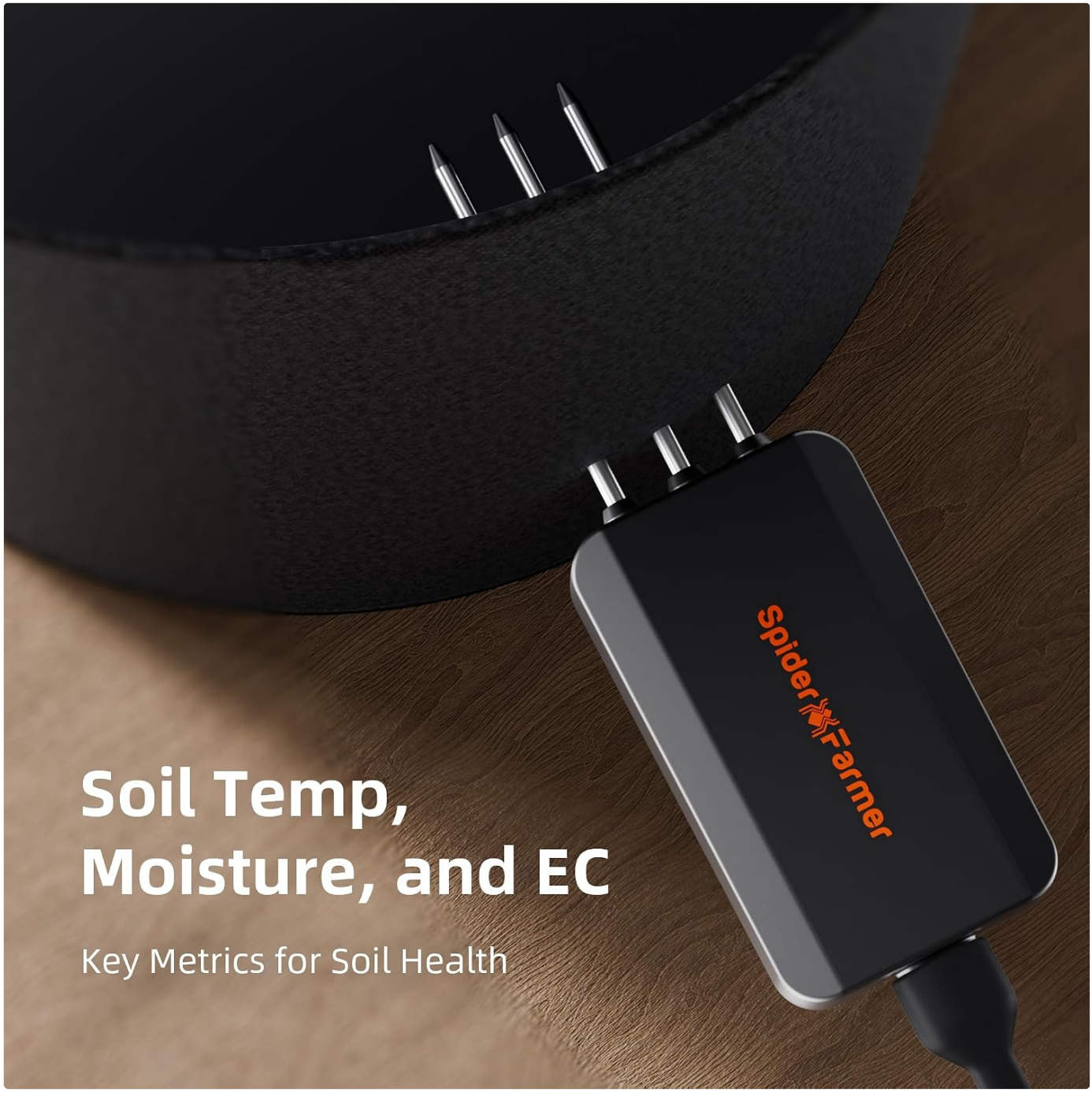


Image: The 3-in-1 Soil Sensor, designed to measure soil temperature, moisture, and EC levels.



Image: The GGS Temp Humid Light Sensor, providing data for stable and automatic operation.

3.4 App Download and Pairing

Download the Spider Farmer app from your device's app store. Follow the in-app instructions to pair your GGS AC10 Power Strip Kits via Bluetooth and Wi-Fi for remote control and monitoring.

4. Operating Instructions

4.1 Smart Control via Spider Farmer App

The Spider Farmer app provides comprehensive control over your grow environment. You can manage individual outlets and set up automated schedules based on various parameters.



Image: App interface demonstrating 10 outlets and various smart modes including Temperature, Humidity, CO2, Time Period, and Time Cycle.



Image: Overview of the smart growing ecosystem, illustrating how the GGS AC10 controls lights, fans, humidifiers, and other equipment.

4.2 Control Modes

The GGS AC10 supports various control modes to automate your grow environment:

- **Timer Mode:** Program devices to turn on/off at specific times or intervals.
- **Temperature Mode:** Set target temperature ranges. Devices (e.g., heaters, cooling fans) will activate automatically to maintain the desired temperature.
- **Humidity Mode:** Set target humidity ranges. Devices (e.g., humidifiers, dehumidifiers) will activate automatically to maintain the desired humidity.
- **CO2 Mode:** For advanced setups with a SensorPro (sold separately), configure CO2 injection or exhaust equipment to maintain ideal CO2 levels.
- **PPFD Mode:** For advanced setups with a SensorPro (sold separately), set target PPFD levels for different growth stages.



Image: Illustration of compatible devices, categorized by Smart Control (RJ12 interface), Smart Switching (Temperature/Humidity/CO2 modes), and Timed Switching.

4.3 Custom Grow Schedules

Utilize the Spider Farmer app to build custom grow schedules that automate lighting, fans, and temperature settings across different plant stages (e.g., Germination, Vegetative, Flowering). This allows for hands-free environmental management tailored to your plants' needs.

4.4 Official Product Video

Watch this video for an overview of how the Spider Farmer GGS system integrates and controls your grow environment.

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Video: "We Synced SF Series with GGS ,Here's What Happened" - This video demonstrates the integration and functionality of Spider Farmer SF Series lights with the GGS control system, showcasing automated environmental management.

5. Maintenance

- **Cleaning:** Regularly wipe down the power strip and sensors with a dry, soft cloth to prevent dust buildup. Do not use liquid cleaners directly on the devices.
- **Sensor Care:** For the soil sensor, gently clean the probes after each use to ensure accurate readings. Avoid bending or damaging the probes.
- **Software Updates:** Periodically check the Spider Farmer app for available firmware updates for your GGS AC10 Power Strip and connected devices to ensure optimal performance and access to new features.

6. Troubleshooting

Issue	Possible Cause	Solution
Device not responding to app control.	No power, Wi-Fi/Bluetooth disconnected, app glitch, device offline.	Check power connection. Verify Wi-Fi/Bluetooth connection in app. Restart app and device. Ensure device is online in the app.
Inaccurate sensor readings.	Improper sensor placement, dirty probes (soil sensor), obstructed light sensor.	Ensure soil sensor probes are fully inserted horizontally. Clean soil sensor probes. Ensure GGS Temp Humid Light Sensor's light sensor is unobstructed.
Automated schedules not activating.	Incorrect schedule settings, sensor not providing data, device offline.	Review schedule settings in the app. Check sensor connectivity and readings. Verify device is online and connected.
Overcurrent protection button tripped.	Too many devices or high-power devices connected to one outlet/strip.	Unplug some devices. Reduce load. Press the reset button on the power strip.

7. Specifications

Brand: Spider Farmer

Model Number: SF-GGS-AC10 Kits-EU

Total Power Outlets: 10

Special Feature: Surge Protection

Color: Black

Item Weight: 5.5 pounds

Package Dimensions: 17.17 x 9.96 x 5.59 inches

Manufacturer: Spider Farmer

Country of Origin: China

First Available: September 14, 2024

8. Warranty and Support

The Spider Farmer GGS AC10 Power Strip Kits come with**2 Years Support Services**. For technical assistance, troubleshooting, or warranty claims, please contact Spider Farmer customer support through their official website or the contact information provided in your product packaging.
For additional resources and product information, visit the official Spider Farmer store:Spider Farmer Store.

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Ask a question about this manual

Ask about setup, troubleshooting, compatibility, parts, safety, or missing instructions. Manuals+ will review the question and use this page's manual context to help answer it.

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Question

Example: How do I reset this device or fix this error?

Details

Model number, symptoms, what you tried, or the section of the manual you are using.

Submit question