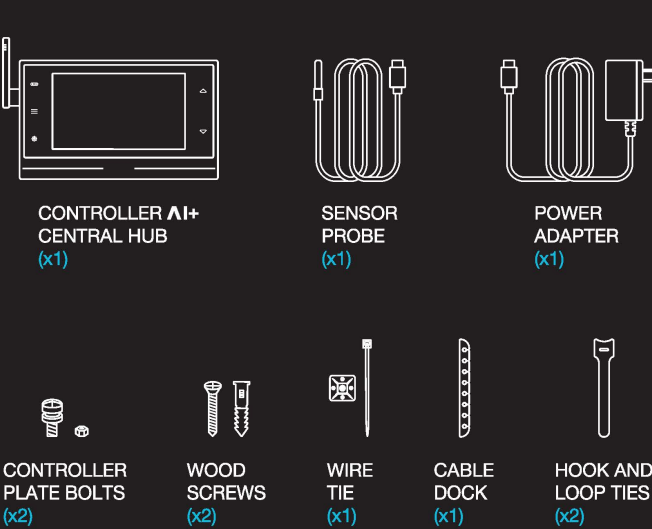


PRODUCT WARNING ⚠ ⚠ ⚠

- READ AND SAVE THESE INSTRUCTIONS.
- TO REDUCE THE RISK OF FIRE, ELECTRIC SHOCK, OR INJURY TO PERSONS, OBSERVE THE FOLLOWING:
1. Ensure your power source conforms to the electrical requirements of this product.
 2. Read all instructions before installing and using this product.
 3. Do not attempt to hardwire this product. Performing any retrofitting actions may result in personal injury and/or electrical damage, and will void this product's warranty.
 4. Be careful not to damage or cut the wire insulation (covering) during the installation. Do not permit wires to come in contact with any sharp edges.
 5. This product must not be used or placed in potentially hazardous locations such as flammable, explosive, electrical, chemical-laden, or wet atmospheres.
 6. Do not cover any power cords with rugs or other fabric materials.
 7. Safety precautions should be exercised during the installation, operation, and maintenance of this product.
 8. Do not tamper with this product in any manner while it is in operation as it may cause electric shock, fire, or damage to this product.
 9. Do not depend on the on/off programming as the sole means of shutting power from this product. Unplug the power cord before installing, servicing, or moving this product.
 10. Do not operate this product while its damaged, or if it malfunctions, has been dropped, or its cord is damaged in any manner.

1

PRODUCT CONTENTS



2

POWERING AND SETUP

- STEP 1**
Plug the sensor probe into the controller's sensor port. Set the probe near your plants in your grow tent for the most accurate reading.
- STEP 2**
Plug the power adapter's UIS connector into the controller's power port. Plug the two-prong connector to an AC power outlet to power the controller.
- STEP 3**
Plug your device's connector into one of the controller's UIS ports. Do not plug it into the controller's power port.
- Plug your device's power cord into an AC power outlet to power it.
- Set your controller outside your grow tent so the onboard sensor can gather external climate readings.

3

APP SETUP
CONNECT VIA BLUETOOTH

- AC INFINITY APP**
For the complete CONTROLLER AI+ experience, download the AC Infinity app and make sure your devices are plugged in and powered on. Logging in or creating an account beforehand will expedite the pairing process. Have your Wi-Fi network's name and password ready.
- STEP 1**
Tap on the "+" tab to add your smart device.
- STEP 2**
Select "Smart Controllers".
- STEP 3**
Select CONTROLLER AI+.

4

APP SETUP
CONNECT VIA BLUETOOTH

- STEP 4**
Hold the port button for 5 seconds to activate Bluetooth. Wait for the Bluetooth icon to start flashing on your controller's screen to release the button.
- STEP 5**
Connect using Bluetooth. To connect using Wi-Fi, skip to step 7.
- STEP 6**
Connecting with Bluetooth will disable Wi-Fi functionality. Go to the app settings page to re-enable and connect using Wi-Fi.
- Tap DONE to complete pairing.
- When pairing the app around multiple controllers, move your mobile device closer to your desired controller.

5

APP SETUP
CONNECT VIA WI-FI

- STEP 7**
Repeat steps 1-5. Log in or create an account to continue.
- STEP 8**
Enter your Wi-Fi network's password. You may also connect to an alternate 2.4 GHz router*.
- STEP 9**
Follow these tips if the pairing process is unsuccessful.
- SELECT 2.4 GHZ NETWORK**
Check for the flashing Wi-Fi icon before attempting to connect with your controller.
- WPA/WPA2 NOT SUPPORTED**
Move your mobile device closer to your controller and try again.
- WI-FI BRIDGE AND EXTENDER**
Disconnect from your Wi-Fi bridge or extender; it may be creating unstable Wi-Fi signals. Connect to your primary router.
- CORRECT WI-FI PASSWORD**
Make sure your Wi-Fi password is correct.
- *This controller is only compatible with 2.4 GHz frequency band routers. When connecting using Wi-Fi, make sure your mobile device is not connected to a 5 GHz frequency band network.

6

APP SETUP
CONNECT VIA WI-FI

- STEP 10**
Tap the DONE button to complete the pairing process.
- STEP 11**
Your controller will appear in your smart device with a unique ID.
- H-10001

7

AI SETUP

- Once all your devices are connected, open the AC Infinity app and select your controller and your desired AI Mode (Beginner or Advanced) to get started.
- You may select Advanced Mode for greater customization of climate targets and device parameters. To have these factors set for you, select Beginner Mode and follow these instructions.
- STEP 1**
Select Beginner Mode.
- STEP 2**
Select your plant.
- STEP 3**
Select its growing stage.

8

AI SETUP

- STEP 4**
Select the devices you will be using.
- STEP 5**
Designate your sensors' locations.
- STEP 6**
Review settings and tap START to finish setup.

9

SETTINGS

- FACTORY RESET**
Hold the mode, up, and down buttons together for 5 seconds to reset your controller and restore factory settings.
- CONTROLLER LOCK**
Hold the setting button to lock your controller in its current mode. Hold the setting button to unlock your controller.
- HIDE SCREEN**
Lock your controller so no settings can be adjusted. See above. Then press the setting button to turn the display off. Pressing it again will turn the display back on.
- JUMP TO OFF MODE**
Hold the mode button for 3 seconds in any mode or setting to automatically jump to OFF Mode.
- RESET TO OFF/DEFAULT**
Hold the up and down buttons together for 2 seconds to reset the value of your current mode or controller setting.
- AUTO INCREASING OR DECREASING**
Hold the up or down button to increase or decrease the user setting automatically until you release them.

10

MORE INFORMATION

- PROGRAMMING**
Visit our website at www.acinfinity.com for more information on how to program CONTROLLER AI+.
- FAQ**
- WEBSITE** | www.acinfinity.com
EMAIL | support@acinfinity.com
PHONE | 626-923-6399, 9 am to 5 pm PST
ADDRESS | 21880 BAKER PARKWAY
CITY OF INDUSTRY, CA 91789
- DEALERS**
EMAIL | dealers@acinfinity.com
PHONE | 626-838-4656, 9 am to 5 pm PST
- WARRANTY**
Our warranty program is our commitment to you, the original customer, that product sold by AC Infinity Inc. will be free from defects for TWO YEARS from the date of purchase. If you have any issues with this product, contact us and we'll happily resolve your problem or issue a full refund!
- MANUAL CODE CTR89Q2410X1**
COPYRIGHT © 2025 AC INFINITY INC. ALL RIGHTS RESERVED
No part of the materials including graphics or logos available in this booklet may be copied, photocopied, reproduced, translated or reduced to any electronic medium or machine readable form, in whole or in part, without specific permission from AC Infinity Inc.

11

CONTROLLER AI+
QUICK START GUIDE

For the best experience, please download our app to program this controller.



AC INFINITY