PRODUCT CONTENTS

CTR79A

WALL HANG CONTROLLER (x1)

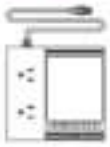
SENSOR PROBE (x1)

WALL-HANG WOOD SCREWS (x2)

WIRE TIE (x1)

CABLE TIE MOUNT (x1)

CTR75A



DESKTOP CONTROLLER (x1)

SENSOR PROBE (x1)

WALL-HANG WOOD SCREWS (x2)

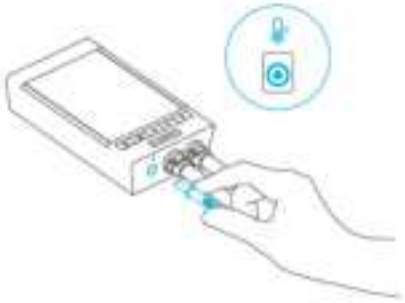
WIRE TIE (x1)

CABLE TIE MOUNT (x1)

POWERING AND SETUP

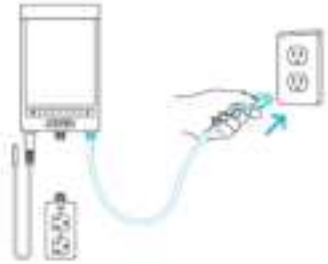
STEP 1

Plug the sensor probe into the 3.5mm port located at the bottom side of your controller.



STEP 2

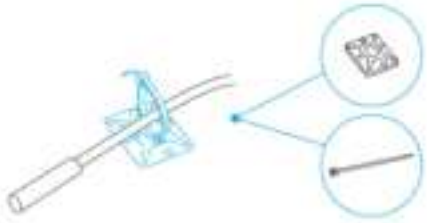
Insert the power plug into a wall outlet to power your controller.



POWERING AND SETUP

STEP 3

Position the corded sensor probe and secure it by using the included zip ties and tie mounts.



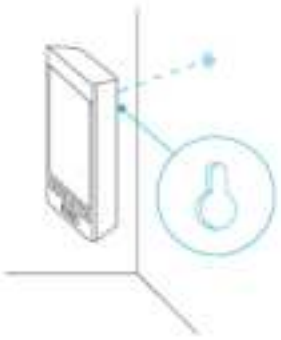
STEP 4

Locate a spot free of obstruction and secure the anchor into your wall. Twist the wood screw into the anchor.

POWERING AND SETUP

STEP 5

Hang your controller by the screw using the hole located on its backside.



STEP 6

Plug your device (not included) into one of the two sockets to power it with your controller.

PROGRAMMING

1. OUTLET BUTTON

Cycles through the two outlet devices. Each outlet device is programmed independently, or together when navigating to ALL.

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2. MODE BUTTON

Cycles through each of the controller's mode: OFF, ON, AUTO (4 triggers), TIMER TO ON, TIMER TO OFF, CYCLE (On and Off), and SCHEDULE (On and Off).

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3. UP/DOWN BUTTONS

Adjusts the value of your current mode. The up button increases and down button decreases the setting. Hold both to reset values to OFF or 0.

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4. SETTING BUTTON

Cycles through each of the controller's settings: DISPLAY BRIGHTNESS, °F/ °C, CLOCK, CALIBRATION (Temperature and Humidity), and BUFFER (Temperature and Humidity).

PROGRAMMING

5. OUTLETS
Displays the outlet controller's power status, indicating whether or not electricity is being fed to your device. ON will display if your devices are being powered and OFF will display if your devices are not being powered.

6. PROBE TEMPERATURE
Current temperature the probe is detecting. Displays "--" if no probe is plugged in. Includes a trend indicator that signals a rise, fall or no change in temperature within the last hour.

7. PROBE HUMIDITY
Current humidity the probe is detecting. Displays "--" if no probe is plugged in. Includes a trend indicator that signals a rise, fall or no change in humidity within the last hour.

8. CONTROLLER MODE
Displays the controller's current mode. Pressing the mode button cycles through the available modes.

9. STATUS ICONS
Flashes or displays the alert icons of the controller. The icons include TIMER ALERT and DISPLAY LOCK.

10. CURRENT TIME
Displays the current time. The internal battery sustains the clock so it does not default to 00:00 if power is cut off.

11. COUNTDOWN
Displays the countdown of the TIMER TO ON, TIMER TO OFF, CYCLE, or SCHEDULE modes. TO ON shows the amount of time left before your devices power on. TO OFF shows the amount of time left before your devices power off.

12 . USER SETTING
Displays the value of your current mode. Use the up and down buttons to adjust the value.

PROGRAMMING

OUTLETS

Pressing the outlet button will cycle through the controller's available outlets: ALL, 1, and 2. Dot indicates the current outlet.

ALL OUTLETS

Navigate to the ALL outlet to set simultaneous programming for all plugged in devices.

Programming set in this outlet mode applies to all plugged in devices, but will not be active if you navigate to other outlets. Re-entering the ALL outlet will resume its programming.

INDIVIDUAL OUTLET

Navigate to a numbered outlet with a plugged in device to set individual programming.

Programming will run in the background even while you navigate to other numbered outlets.

PROGRAMMING

CONTROLLER MODES

Pressing the mode button will cycle through the controller's available programming modes: OFF, ON, AUTO (4 triggers), TIMER TO ON, TIMER TO OFF, CYCLE (On and Off), and SCHEDULE (On and Off).

OFF MODE

Your device will remain off regardless of temperature, humidity, or time-based triggers.

Jump back to OFF Mode anytime by holding the MODE button while in other modes or settings.

ON MODE

Your device will stay on regardless of temperature, humidity, or time-based triggers.

PROGRAMMING

AUTO MODE (HIGH TEMPERATURE TRIGGER)

Pressing the up or down button sets the high temperature trigger. Your device will turn on if the probe's reading meets or exceeds this threshold.

If the probe's reading falls below this trigger point, your device will turn off. This shut off point can be adjusted using the buffer setting as shown on page 27.

This is typically used with devices like air conditioners and cooling fans to help lower the temperature when it gets too hot. For example, if you set a high temperature trigger of 90°F, then your device will activate when the temperature reaches 90°F or higher, and turn off when it falls below 90°F. Products shown here may still be in development.

Note that any of the four AUTO Mode triggers can activate at the same time, even if you are not viewing that specific trigger. Turn off any triggers not in use by pressing the up and down buttons together while viewing that trigger. Triggers may be delayed from turning off by your Buffer Settings, please see page 27 for more info.

PROGRAMMING

AUTO MODE (LOW TEMPERATURE TRIGGER)

Pressing the up or down button sets the low temperature trigger. Your device will turn on if the probe's reading meets or falls below this threshold.

If the probe's reading rises above this trigger point, your device will turn off. This shut off point can be adjusted using the buffer setting as shown on page 28.

This is typically used with devices like heaters and seedling mats to help raise the temperature when it gets too cold. For example, if you set a low temperature trigger of 40°F, then your device will activate when the temperature falls to 40°F or lower, and turn off when it rises above 40°F. Products shown here may still be in development.

Note that any of the four AUTO Mode triggers can activate at the same time, even if you are not viewing that specific trigger. Turn off any triggers not in use by pressing the up and down buttons together while viewing that trigger. Triggers may be delayed from turning off by your Buffer Settings, please see page 27 for more info.

PROGRAMMING

AUTO MODE (HIGH HUMIDITY TRIGGER)

Pressing the up or down button sets the high humidity trigger. Your device will turn on if the probe's reading meets or exceeds this threshold.

If the probe's reading falls below this trigger point, your device will turn off. This shut off point can be adjusted using the buffer setting as shown on page 29.

This is typically used with devices like dehumidifiers to help lower the humidity when it gets too humid. For example, if you set a high humidity trigger of 70%, then your device will activate when the humidity rises to 70% or higher, and turn off when it falls below 70%. Products shown here may still be in development.

Note that any of the four AUTO Mode triggers can activate at the same time, even if you are not viewing that specific trigger. Turn off any triggers not in use by pressing the up and down buttons together while viewing that trigger. Triggers may be delayed from turning off by your Buffer Settings, please see page 27 for more info.

PROGRAMMING

AUTO MODE (LOW HUMIDITY TRIGGER)

Pressing the up or down button sets the low humidity trigger. Your device will turn on if the probe's reading meets or falls below this threshold.

If the probe's reading rises above this trigger point, your device will turn off. This shut off point can be adjusted using the buffer setting as shown on page 30.

This is typically used with devices like humidifiers to help raise the humidity when it gets too dry. For example, if you set a low humidity trigger of 50%, then your device will activate when the humidity falls to 50% or lower, and turn off when it rises above 50%. Products shown here may still be in development.

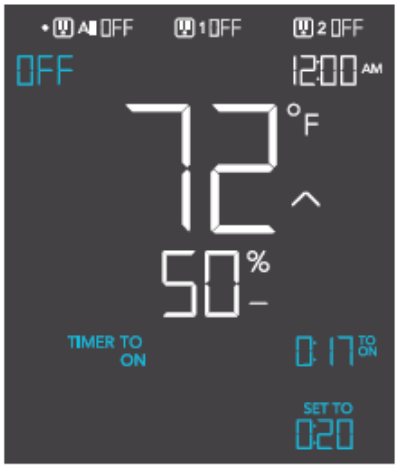
Note that any of the four AUTO Mode triggers can activate at the same time, even if you are not viewing that specific trigger. Turn off any triggers not in use by pressing the up and down buttons together while viewing that trigger. Triggers may be delayed from turning off by your Buffer Settings, please see page 27 for more info.

PROGRAMMING

TIMER TO ON MODE

Pressing the up or down button sets a countdown time. During the countdown, your device will be set to OFF. Once the timer ends, your device will trigger to turn on.

The countdown will begin if no buttons are pressed for 5 seconds. The time left on the countdown is shown on the lower right corner of the display above the setting. Leaving the timer mode while the countdown is running will pause it until you return to this mode.



TIMER TO OFF MODE

Pressing the up or down button sets a countdown time. During the countdown, your device will be set to ON. Once the timer ends, your device will trigger to turn off.

The countdown will begin if no buttons are pressed for 5 seconds. The time left on the countdown is shown on the lower right corner of the display above the setting. Leaving the timer mode while the countdown is running will pause it until you return to this mode.

PROGRAMMING

CYCLE MODE (ON AND OFF)

Sets an ON duration and an OFF duration for your device to cycle through continuously. Press the up or down button to set a countdown for your device to turn on. Then press the mode button and use the up or down button to set a countdown for your device to turn off.

The countdown will begin if no buttons are pressed for 5 seconds. Leaving the CYCLE mode while the countdown is running will pause it until you return to this mode.

PROGRAMMING

SCHEDULE MODE (ON AND OFF)

Sets an ON clock-time and an OFF clock-time schedule for your device to follow daily. Press the up or down button to set a clock time for your device to turn on. Then press the mode button again to set a clock time for your device to turn off.

The countdown will begin if no buttons are pressed for 5 seconds. The time left on the countdown before the next ON or OFF phase is shown on the lower right corner of the display above the setting. Your device will not follow this schedule if you leave this mode. If you re-enter the schedule mode, it will continue to follow the latest schedule you have set.

PROGRAMMING

ALERT / STATUS ICONS

On the top left of the display is the alert icon section. Icons may flash when the controller wishes to alert you that a particular function or alarm is being triggered.

ADVANCE PROGRAMMING

Displays when an advance program set in the app is active. "ADV." will appear and override the controller if an automation program is in use.

AUTO MODE ALERT

Flashes whenever any of the auto mode triggers (high temperature, low temperature, high humidity, or low humidity) activate your devices.

TIMER ALERT

Flashes when a countdown has completed for TIMER TO ON, TIMER TO OFF, CYCLE, or SCHEDULE Mode.

PROGRAMMING

BLUETOOTH
Appears when the physical controller is connected to the app via Bluetooth.

DISPLAY LOCK ALERT
Displays when you lock the controller. The icon will flash and beep if you attempt to adjust the controller while it is still locked.

TEMPERATURE/ HUMIDITY ALARM
Flashes and beeps with alarm if the temperature/ humidity meet the trigger point set in the app.

OTHER SETTINGS

CONTROLLER LOCK

Holding the setting button will lock the controller in your current mode. While your controller is locked, no parameters may be adjusted, nor will you be able to switch modes. Holding the setting button again will unlock the controller.

HOLD + 

HIDE SCREEN

Lock the 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. Programs will still run in the background while the LCD screen is off.

PRESS + 

JUMP TO OFF MODE

Holding the mode button for 3 seconds while in any mode or setting will automatically jump to OFF Mode. This function is disabled if the controller is locked.

HOLD + 

RESET TO OFF/DEFAULT

Holding the up and down buttons together for 2 seconds will reset the value of your current mode or controller setting to OFF/Default. Pressing either the up or down button will return to the previous value.

HOLD + 

AUTO INCREASING OR DECREASING

Holding the up or down button will increase or decrease the user setting automatically until you release them.

HOLD + 

HOLD + 

FACTORY RESET

Holding the mode, up, and down buttons together for 5 seconds will reset your controller and restore factory settings. This clears all user parameters in each controller mode and setting.

HOLD + 

DOWNLOAD THE APP

THE AC INFINITY APP

The AC Infinity app enables you to connect with the next generation of our intelligent controllers, giving you access to advance programs and environmental data.

1. Download the AC Infinity app from the App Store or Play Store by searching "AC Infinity".

Download on the App Store

GET IT ON Google Play

2. Open the AC Infinity app and follow the instructions on page 35-37 to pair your controller with the app.

HOW TO USE THE APP

Visit our website at www.acinfinity.com or open your smartphone camera and scan the QR code below for more information on the AC Infinity app.

Messages and features subject to change

ADD A DEVICE

SETUP AND PAIRING

Power your device on before pairing your device with the app. Refer to pages 10-12 for more information regarding controller setup.

1. Tap on the "+" tab to add your smart device.

2. To launch the app, tap on the "Smart Outlets" tab to begin pairing.

Please note: Bluetooth must be enabled on your mobile device before starting the pairing process.

ADD A DEVICE

3

Select CONTROLLER 79 to begin pairing.

4

Hold the port button for 5 seconds to activate Bluetooth. Wait for the Bluetooth icon to start flashing on your controller's screen.

ADD A DEVICE

5

Tap DONE button to complete the pairing process.

6

Your controller will appear in your smart device with a unique ID.

Please note: When pairing the app around multiple controllers, move your mobile device closer to your desired controller.

FCC Warning

This device complies with part 15 of the FCC rules. Operation is subject to the following two conditions: (1) this device may not cause harmful interference, and (2) this device must accept any inte rference received, including interference that may cause undesired operation.

Changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment.

NOTE: This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interferenceto radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

-Reorient or relocate the receiving antenna.

•Increase the separation between the equipment and receiver.

•Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.

•Consult the dealer or an experienced radio/TV technician for help.

Radiation Exposure Statement

This equipment complies with FCC radiation exposure limits set forth for an uncontrolled environment. This equipment should be installed and operated with minimum distance 20cm between the radiator and your body.