



Home Controller HC-1000 V3 Installation Guide



Supported Model

C4-HC1000V3-E-B Home Controller HC-1000 V3

Introduction

The Control4® Home Controller HC-1000 provides the capability for controlling lights, home theaters, distributed audio systems, and other devices.

It provides extensive Media Management services for audio sources, such as CDs and DVDs stored in connected devices and lets you use an external storage device for media storage. It also includes multi-zone audio capabilities, distributing digital music to rooms throughout the home when used with additional home controllers.

What's in the Box

The following are included in your Home Controller box:

- Home Controller HC-1000 V3
- IEC 320 power cord
- Rack mount ears
- *Home Controller HC-1000 Installation Guide* (this document). **Note:** You can find this and other related documents online also at the Dealer portal: <http://www.control4.com/dealer/products/documentation/>.

Important Safety Instructions

1. Read and keep these instructions.
2. Heed all warnings and follow all instructions for this product in this and other Control4® documents included with or related to this product.
3. Improper use of this product may result in potential electric shock.
4. Do not use this product near water.
5. Never spill liquid of any kind on this product.
6. Clean this product only with a damp or dry cloth. Do not use liquid cleaners or aerosol cleaners to clean the product.
7. Install this product according to the manufacturer's instructions.
8. Install this product according to the National Electrical Code ANSI/NFPA 70 and the prevailing local codes and requirements.
9. This product should be operated with the type of power indicated on the marked label. If you are not sure of the type of power available, consult your Control4 dealer or local power company.
10. Slots and openings on a cabinet rack, and components used with this product are provided for ventilation, reliable operation, and protection from overheating of the product. These slots and openings must not be blocked or covered.
11. This product should never be placed near or over a radiator or heat register, or in a built-in installation unless proper ventilation is provided.
12. Never push objects of any kind into this product through cabinet slots because they may touch dangerous voltage points or short out parts that could result in a fire or electric shock.
13. Only use the attachments and accessories included with this product or recommended by Control4.
14. Do not allow anything to rest on the power cord. Do not install or place this product where people will walk on the cord.
15. Do not use extension cords with any products in a Control4 system.
16. If applicable, unplug this product during lightning storms or when unused for long periods of time.
17. Do not exceed the maximum wire size (if specified) in this guide.
18. This product must be installed by qualified professionals only.
19. Do not attempt to service this product yourself except as noted in this guide. Opening or removing covers of internal components may expose you to dangerous voltage points or other risks.
20. Refer all servicing to qualified service personnel. Servicing is required when the apparatus has been damaged or frayed in any way; for example, a power-supply cord or plug is damaged, liquid has been spilled or objects have fallen into this product, this product has been exposed to rain or moisture, this product does not operate normally, or this product has been dropped.



WARNING! To reduce the risk of electrical shock, do not expose this apparatus to rain or moisture.

AVERTISSEMENT! Pour réduire le risque de choc électrique, n'exposez pas cet appareil à la pluie ou à l'humidité.

WARNUNG! Um das Risiko des elektrischen Schlages zu verringern, setzen Sie diesen Apparat nicht Regen oder Feuchtigkeit aus.



WARNING! This CLASS I apparatus must be connected to an AC mains socket outlet that has a protective earthing connection (i.e., third-prong ground conductor). **DO NOT DEFEAT THE PROTECTIVE EARTHING CONNECTION!**

Control4 Supported Devices

The HC-1000 V3 enhances existing system capabilities. It replaces the Primary Controller, running Director and Media Manager. You must have a Secondary Controller, such as a Home Controller HC-200 or HC-300 to communicate with lighting and other ZigBee devices.

The HC-1000 V3 enhances a system's capability to control the following Control4® devices:

- Touch Screens—All types and sizes (such as portable, tabletop, and in-wall, or 10", 7", and 5")
- LCD Keypads
- Wireless 2, 3, & 6 Button Keypads
- Wireless Thermostats
- Speaker Points®
- Audio Matrix Switch
- Multi Channel Amplifiers
- 4-Zone Amplifiers
- Multi Tuners (V1 or V2)
- Wireless Dimmers
- Wireless Switches
- Wireless Outlet Dimmers
- Wireless Outlet Switches
- Third-party devices

For a more information, see the Products pages at <http://www.control4.com>.

Requirements and Specifications

Prior to installing this product, ensure that: Ethernet network wiring is in place.

The Home Controller HC-1000 V3 specifications include:

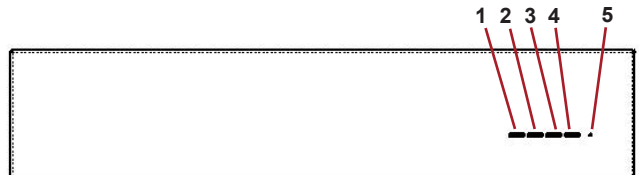
| | |
|---------------------------|---|
| Model Number | C4-HC1000V3-E-B |
| Media Recognition | Online CD/DVD recognition and media information service |
| Display | LED indicators |
| Power Requirements | 100-240 VAC, 60/50 Hz, 0.7 A MAX |
| Dimensions | H x W x D: 3 3/8" x 16.75" x 14" |
| Weight | 15.4 pounds |
| Shipping Weight | 20 pounds |

Additional Resources

The following resources are available to provide you with additional support.

- Your Control4 Reseller
- Control4 Web Site: <http://www.control4.com>
- Composer documentation in online help or PDF format

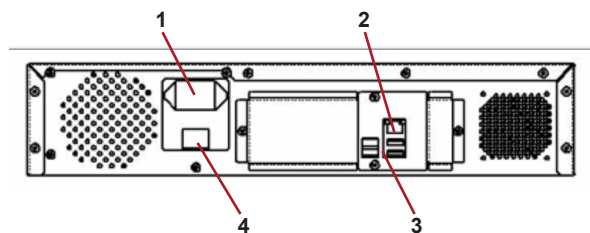
Front View



1. **Data LED**—This LED indicates streaming audio is received.
2. **Link LED**—Blue LED light indicates Home Controller has been identified in a Control4 Composer project.
3. **Power LED**—This indicates that the device is powered on.
4. **Identification Button**—Button used when identifying this device in Composer.
5. **Power/Reset Button**—The Controller is configured to power on when plugged in. If it doesn't, press the **Power/Reset** button to power it on. To reboot the unit, hold the **Power/Reset** button down until the Controller powers down, wait approximately 30 seconds, and then press the **Power/Reset** button again to power the unit back on. Pressing Power/Reset during normal operation causes the Controller to reboot.

Note: Blinking is not a default LED action; LEDs blink to convey information.

Back View



1. **Power plug port**—AC power receptacle for an IEC 320 power cord.
2. **Ethernet**—RJ-45 jack for a 10/100 BaseT Ethernet connection.
3. **USB (4 ports)**—For external storage device with USB support (such as FAT32 formatted devices).
4. **Power Switch**—Controls power to the device. During normal operation, this switch should be on.

Install the System

To install this Controller:




1. **Ensure that your home network is in place before starting your system setup:** The Home Controller HC-1000 V3 requires a network connection to use all features as designed. When connected, the Home Controller can access web-based media databases and Control4® system updates and communicate with other IP devices.
2. **Connect the HC-1000 controller to the network:** To connect using an Ethernet connection, plug the data cable from the home network into the Home Controller RJ-45 port (labeled "Ethernet").
3. **Power up the controller:** Plug the HC-1000 power cord (provided) into the Home Controller power plug port and an electrical outlet.
4. **Connect the system devices:** As described in the "Connect Devices" section that follows.
5. **Optional:** Set up external storage devices as described in "Set up External Storage Device."

Connect Devices

Note: You can use the Composer software to step through the connection process before or after the physical connections are completed.

Connect all applicable devices to the Home Controller HC-1000 V3 using one of the connection options described in the following table.

Table 1. Connections Options

| | |
|--|---|
| Power plug port —For use with the IEC 320 power connector (provided). |  |
| Ethernet —RJ-45 for a 10/100 BaseT Ethernet connection. |  |
| USB (1 port) —For external storage device with USB support (such as FAT32 formatted devices). See "Set up External Storage Device" for information. |  |

Note: The Home Controller HC-1000 V3 has no Audio Out ports. Use the Ethernet connection to perform audio streaming to Control4 audio end point devices configured in the system.

Set Up External Storage Device

You can store and access media from an external storage device, such as a network hard drive or USB memory device. Simply configure a NAS device in Composer, or plug the USB drive into one of the USB ports and configure or scan the media from Composer. See "Use External Storage Devices" or "Using External Storage Devices" in the Composer Pro documentation.

Troubleshooting

- To reboot the device, press and hold the **Identify** button. When both LEDs illuminate momentarily, the device is reset.
- To reboot and reset to the factory defaults, press and hold the **Identify** button when the device is powered up until all of the LEDs illuminate.
- Pressing **Power/Reset** during normal operation causes the Controller to reboot.

Regulatory Compliance



IMPORTANT! Any changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate this equipment.

IMPORTANT! Tous les changements ou modifications pas expressément approuvés par la partie responsable de la conformité ont pu vider l'autorité de l'utilisateur pour actionner cet équipement.

FCC/Industry Canada

This device complies with Part 15 of the FCC Rules Sub-Part A and B and with Canada ICES-003 and RSS-Gen. Operation is subject to the following two conditions: (1) this device may not cause harmful interference, and (2) this device must accept any interference received, including interference that may cause undesired operation.

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 interference to 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.

Australian/New Zealand Compliance

- AS/NZS CISPR 22:2006.



Recycling

For information on recycling, please go to www.control4.com/recycling.

Limited Warranty

For complete warranty information, including details on consumer legal rights as well as warranty exclusions, visit www.control4.com/warranty.

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