



Home Controller HC-1000 V3 Installation Guide

Supported Model

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

Graphical Symbols in This Guide

The following symbols and their descriptions indicate important safe practices and additional information that can help you avoid death, injury, or loss of material or time.

WARNING! This indicates a potentially hazardous situation that, if not avoided, may result in death or serious injury. **DO NOT IGNORE A WARNING!**

IMPORTANT! This indicates information that will help you avoid damage to your equipment, loss of materials, or loss of time. **PAY ATTENTION TO THESE IMPORTANT STATEMENTS!**

NOTE: This indicates information related to the current topic.

Important Safety Instructions

1. Read and keep these instructions.
2. Heed all warnings.
3. Follow all instructions.
4. Do not use this apparatus near water.
5. Clean only with dry cloth.
6. Install in accordance with the manufacturer's instructions.
7. Do not install near any heat sources such as radiators, heat registers, stoves, or other apparatus (including amplifiers) that produce heat.
8. Do not defeat the safety purpose of the polarized or grounding-type plug. A polarized plug has two blades with one wider than the other. A grounding type plug has two blades and a third grounding prong. The wide blade or the third prong are provided for your safety. If the provided plug does not fit into your outlet, consult an electrician for replacement of the obsolete outlet.
9. Protect the power cord from being walked on or pinched, particularly at plugs, convenience receptacles, and the point where they exit from the apparatus.
10. Only use attachments/accessories specified by the manufacturer.
11. Refer all servicing to qualified service personnel. Servicing is required when the apparatus has been damaged in any way, such as power-supply cord or plug is damaged, liquid has been spilled or objects have fallen into the apparatus, the apparatus has been exposed to rain or moisture, does not operate normally, or has been dropped.

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

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

Introduction to Home Controller HC-1000 V3

The Control4® Home Controller HC-1000 V3 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 allows you to use an external storage device for media storage. It also includes multi-zone audio capabilities, distributing digital music to rooms throughout the home.

Control4 Supported Devices

NOTE: 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 run zServer and to communicate with lighting and other ZigBee devices.

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

- | | |
|---|-------------------------|
| Touch Screen (Wireless or Wall-Mounted) | Wireless Dimmer* |
| Mini Touch Screen | Wireless Switch* |
| LCD Keypad* | Wireless Outlet Dimmer* |
| Wireless 2, 3, & 6 Button Keypads* | Wireless Outlet Switch* |
| Wireless Thermostat* | Multi Channel Amplifier |
| Speaker Point® | Audio Matrix Switch |
| Supported third-party devices | Multi Tuner |

*The HC-1000 V3 requires a Secondary Controller, for example, HC-200 or HC-300 configured to run zServer.

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

Requirements and Specifications

Prior to installing this product, ensure that a wired Ethernet network is in place.

The 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 3/4" x 14" |
| Device Weight | • 15.4 pounds |
| Shipping Weight | • 20 pounds |

What's in the Box

The following are included in your HC-1000 V3 box:

- Home Controller HC-1000 V3
- IEC 320 power cord
- Rack mount ears
- *Home Controller HC-1000 V3 Installation Guide* (this document)

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

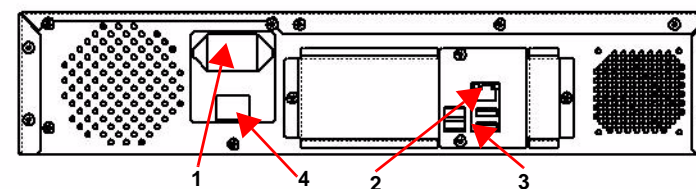
Front View



1. **Data**—This LED indicates streaming audio is sent out.
2. **Link**—This LED indicates that the HC-1000 V3 has been identified in a Control4® Composer project.
3. **Power**—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 10/100/1000 BaseT Ethernet connection.
3. **USB (4 ports)**—For external storage device with USB support (such as USB hard drive or memory stick).
4. **Power switch**—Controls power to the device. During normal operation, this switch should be on.

Install the System

NOTE: The HC-1000 V3 is not intended for use in a home theater.

To install the HC-1000 V3:

1. **Ensure that your home network is in place before starting your system setup:** The Home Controller HC-1000 V3 requires a wired Ethernet network connection; use all features as designed. When connected, the HC-1000 V3 can access Web-based media databases and Control4® system updates.
2. **Connect the HC-1000 V3 Controller to the network:** To connect using an Ethernet connection, plug the data cable from the home network connection into the Home Controller HC-1000 V3 RJ-45 port (labeled "Ethernet") at the network switch.
3. **Power up the Controller:** Plug the Home Controller HC-1000 V3 power cord (provided) into the HC-1000 V3 power plug port, and then into 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" later in this document.

Connect Devices

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

Table 1. Connection Options

Power plug port —For use with the IEC 320 power connector (provided)	
Ethernet —RJ-45 for a 10/100/1000 BaseT Ethernet connection.	
USB (4 ports) —For external storage device with USB support (such as FAT32 formatted devices)	

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

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..



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

Recycling

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



Warranty

Limited 2-year Warranty. Refer to <http://www.control4.com/warranty>.

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