

Control4® HC-250 Controller



Control4® HC-250 Controller C4-HC250-BL-1

The award-winning HC-250 delivers instantaneous control at an exceptional value. Its sleek design and small form-factor make it ideal for single-room control systems, universal remote replacements or as a way to deliver on-screen control to every television in larger residential or light commercial installations. A powerful 1GHz processor running the Control4® operating system delivers incredibly fast, interactive control and makes the HC-250 a versatile and powerful player in any control system. In addition, the HC-250 features out-of-box software capability that includes the TuneIn®, as well as MyHome and Video/Audio Intercom licensing.

- MyHome license enables in-home control from multiple iOS and Android mobile devices as well as PCs. Add a 4Sight subscription and enable remote control and access from virtually anywhere.
- Video/Audio Intercom license for whole-home communications with Control4® touch screens and door stations.
- TuneIn delivers over 70,000 streaming Internet radio stations.
- Next-generation core and ZigBee processors deliver a new level of speed and performance for instantaneous interactive on-screen control and access to lighting, security, music and video libraries.
- Elegant, low-profile design features an integrated power supply for flexible, simple installation behind televisions or on a shelf.
- Incredibly fast, intuitive control from a touch screen, remote, or TV on-screen navigator.
- Built-in PoE capability provides power and network connectivity over a single CAT5/CAT6 cable.
- Certified HDMI with audio and video capability delivers reliable connectivity to today's televisions and receivers.
- Integrated Wireless-N and ZigBee simplify installation while delivering high-performance network connectivity.
- 2 audio outputs—1 analog and 1 HDMI—and 1 analog audio input.
- USB port enables connection to external hard drives for easy access to music content. eSATA and USB ports enable connections to external storage with music or video content.



HDMI™
HIGH-DEFINITION MULTIMEDIA INTERFACE

* Requires Control4® OS 2.4 software or later

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Model Number	C4-HC250-BL-1
Embedded Services	
MyHome License	Included - Supports up to 50 devices
Intercom License	Included - Supports audio and video intercom on Control4® touch screens and door stations
Tuneln	Requires Control4® OS 2.4 software or later
Inputs / Outputs	
HDMI Out (Digital Audio and On-Screen Navigator)	1
Component Out	1
Analog Audio Out	1 (3.5 mm)
Analog Audio In	1 (3.5 mm)
Digital Audio Out - Coax (RCA)	0
Total number of Audio Outputs	2
Network	
Ethernet ports × speed	1 × 10/100 (802.3u)
Power over Ethernet / power consumption	802.3af / 12.95W
Wireless	Wireless-N, (2.4GHz, 802.11n/g)
Wireless security	WEP, WPA and WPA2
Wireless antenna	Internal
ZigBee Pro	802.15.4
ZigBee antenna	Internal
USB 2.0	1
External SATA	0
Control	
Contacts (1)	DC: 36V maximum operation (low voltage). Maximum output current for 12V rail - 125mA.
Relays (1)	AC: 36V, 2A; DC: 24V maximum operation (low voltage)
IR ports (3.5 mm)	4
IR blaster (front)	Y
IR receiver (front)	Y
RS-232 serial	2 (3-wire, using IR ports 1 and/or 2)
3.5 mm serial cable	C4-CBL3.5-DB9B
Mounting options	
Rack mount	IRU
Shelf (with A/V gear)	Y
Wall/TV mount	Y
Dimensions (H×W×D)	1.23" (31.19 mm) × 8.59" (218.13 mm) × 4.92" (125.01 mm)
Weight	1.8 lbs (0.82 kg)
Power	
Power supply	Internal
Power supply	100-240V, 50-60Hz
Other	
On-Screen Navigator supported resolutions	720p, 480p
Supported audio formats	MP3: 32kbps to 320kbps, CBR, VBR, AAC, and FLAC
Accessories	
Rack Mount Kit	C4-IURMK1B-B, C4-IURMK2B-B
SR-150 System Remote Control	C4-SR150B-Z-B
SR-250 System Remote Control	C4-SR250B-Z-B
4Sight Subscription (1 Year)	C4-4Sight-E



On-screen navigation

If your customers would prefer the added functionality of on-screen or list navigator, you can order an SR-150 or SR-250 remote separately to use with the HC-250 Controller.

For more information on the entire Controller product line, visit:
<http://www.control4.com/dealer/products/controllers>

For product photos, documentation and installation instructions, visit:
<http://www.control4.com/dealer/products/controllers/HC-250>