

CONTROL4 CORE 5

CONTROLLER



CONTROL4® CORE 5 CONTROLLER

C4-CORE5

CORE 5 delivers the ultimate experience for intelligent automation, featuring the highest-quality audio of any Control4 controller, and the processing power to coordinate hundreds of smart devices. CORE 5 can automate sophisticated residential system and complex commercial installations, managing vital security and communications systems, climate controls for multiple zones, lighting with color and color temperature controls, and multi-media applications. The updated 4K HDMI output delivers a beautiful, interactive on-screen menu providing instantaneous access to all of the the entertainment, lighting, comfort and security solutions. Powered by Ryff and higher-quality DACs, CORE 5 features up to seven independent audio zones with an audiophile-grade signal-to-noise ratio of 118dB to deliver high-resolution audio streaming from up to 12 music services, Airplay-enabled devices, or from the customers local music library.

The sleek design, rack-mount form factor, and top-of-the-line processing and connectivity make the CORE 5 the ultimate foundation for any Control4 system, residential or commercial, big or small. CORE 5 provides IP, infrared (IR), serial, ZigBee and Zwave* control and automation for audio and video devices, lighting, climate control, door locks and security devices, and more with a library of more than 19,000 drivers. With OvrC Pro built-in, CORE will be the foundation for networking monitoring, management, and remote connections by providing access to the entire network of IP devices, including third-party products. This powerful fusion delivers enhanced troubleshooting capabilities and diagnostic data that makes remote support easy, reduces truck rolls, and improves customer service. View device online status, manage reboots, and quickly add and configure newly discovered devices through the OvrC webpage or mobile app, and provide OvrC Home to customers to empower them with basic troubleshooting capabilities.

- Pre-installed rack ears make the CORE 5 easy to install in the rack for easy access to, and full control of, the whole home or business
- 4K HDMI output paired with an advanced multi-core processor deliver the speed and performance needed for a beautiful, interactive on-screen menu for instantaneous access to video, music, lighting, comfort and security solutions
- Better quality DACs provide up to 7 zones (3x digital coax, 3x analog, 1x HDMI) of high-resolution audio with native support for up to 12 streaming services, including Deezer, TIDAL, Pandora, TuneIn, Spotify and SiriusXM, all powered by our high-resolution audio platform: Ryff
- AC-powered, the CORE 5 can be remotely managed and rebooted through Packedge or Wattbox PDUs through OvrC and OvrC Home
- Included I/O ports (8x IR, 4x serial, 4x contacts and 4x relays), Zigbee and Zwave antennas* provide device control for entertainment, lighting, comfort and security devices
- USB port enables connection to external hard drives for easy access to local music content
- Built-in OvrC Pro for network monitoring and management, remote connections, and advanced troubleshooting capabilities
- An active 4Sight subscription enables Intercom Anywhere and remote access through the Control4 App for OS 3 through Android and iOS, including Apple Watch, with connection speeds faster than ever

*Zigbee antenna is functional at launch. Zwave antenna is non-functional until certification later in 2022.

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	ID Button
Control4 app	Supports up to 50 iOS and Android devices
OvrC Hub	Built-in OvrC Pro functionality
Music Services	Pandora, Napster, Spotify, TuneIn, TIDAL, Deezer, SiriusXM, SOUNDMACHINE, iHeartRadio, Amazon Music, Radio.com, Qobuz
Apple Support	Airplay-enabled devices
Inputs/Outputs - AV	
Video Out	1 video out—HDMI
Video Out	HDMI 2.0a output; 4K @ 60Hz
Audio Out	7 audio out - HDMI, 3 stereo analog, and 3 Digital Coax
Audio In	2 audio in - analog, dig coax
	Stereo Analog Output 1/2 - Balance (+/-12dB, 0.5dB steps) - Max Volume (0 - 100), Volume (0 - 100) - Loudness (on/off) - 6-Band PEQ (Gain +/-12dB, 0.01steps; Freq 20-20kHz, 1Hz steps; Q 0.5-15, 0.01steps) - Mono/Stereo - Shelving (Hi/Lo) Treble, Bass (Gain +/-12dB, 0.01steps; Freq 20-20kHz) - Test Signal (0 to -50dB, 0.5dB steps)
DSP	Stereo Digital Input - Input level Stereo Digital Output - Max Volume (0 - 100) - Volume (0 - 100) - Mute - Mute - All controls can happen simultaneously
Audio Playback	AAC, AIFF, ALAC, FLAC, M4A, MP2, MP3, MP4/M4A, Ogg Vorbis, PCM, WAV, WMA
Audio Resolution	Up to 192 kHz / 24 bit
Inputs/Outputs - Network	
Ethernet	10/100/1000BaseT compatible (required for controller setup) 1 Ethernet in
WiFi	Accessory only via USB
WiFi Security	WPA/WPA2
WiFi Antena	Accessory only via USB
Zigbee Pro	802.15.4
Zigbee Antenna	External reverse SMA connector
Zwave	Zwave 700 series
Zwave Antenna	External reverse SMA connector
USB Port	1 USB 3.0 port
Inputs/Outputs - Control	
IR out	8 IR out - 4V 27ma max output
IR capture	1 IR receiver—front; 20-60 kHz
Serial out	4 serial out (2 DB9 and 2 shared with IR)
Contacts	4x; 2-30VDC input, 12VDC 125mA max output
Relays	4x; AC: 36V, 2A max across relay; DC: 24V, 2A max across relay

For product photos, documentation, and installation instructions, visit ctrl4.co/controllers

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Power	
Power requirements	100-240VAC, 60/50Hz
Power consumption	Max: 40W, 136 BTUs/hour Idle: 15W, 51 BTUs/hour
Other	
Operating temperature	32 - 104 F (0 - 40 C)
Storage temperature	4 - 158 F (-20 - 70 C)
Fan dB level	No fan
Wall Mount Bracket	No
Rack Mount Kit	Yes - included, installed
Feet	Yes - included, uninstalled
Other - Mechanical and Hardware	
Front Panel LEDs	Status LEDs (listed left to right): music streaming, warning, link, power
ID Button	Includes LED that mimics the power LED on the front panel
CPU	i.MX8Mi
RAM	4GB Minimum
Flash Disk	16GB eMMC
Security	Secure Boot
OSD	QT OSD

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