

## Crestron iServer® Network Audio Server

- > "Made for iPod®" network audio server
- > Provides a permanent housing for a single dedicated iPod
- > Enables full 2-way touch screen control of the iPod
- > Displays metadata and album cover art<sup>[3]</sup>
- > Plays audio throughout the home or office
- > Allows viewing of video files on a video touch screen or display
- > Syncs to iTunes® over Ethernet
- > Provides buffered RCA audio and video outputs
- > Includes Crestron Home® CAT5 Balanced AV connectivity
- > Affords plug-and-play integration with Adagio® systems
- > Single-space 19" rack-mountable enclosure
- > Compatible with iPod classic® (6th gen or later), iPod nano®, and iPod touch®<sup>[3]</sup>



**iPod not included.**

The Crestron iServer® provides a very practical and cost-effective network audio server solution utilizing the popular Apple® iPod® as its engine<sup>[1]</sup>. Designed for shelf or rack mount installation, the Crestron iServer provides a permanent housing for the iPod, adding high-speed Ethernet connectivity to enable full integration with a Crestron® control system while still allowing syncing with iTunes® software.

The Crestron iServer uses the latest Apple authentication chip, enabling high speed music library browsing and compatibility with the latest Apple products and features. The chip supports 6th generation (and later) iPod classic®, and any iPod nano® or iPod touch®.<sup>[2]</sup>

### Simple Setup

Mounting the iPod device into the iServer is as simple as placing it in the front panel docking bay and connecting the docking cable. Once mounted in the iServer, the iPod becomes a permanent component of your entertainment system, although it is easily swapped out at any time to allow for upgrade or repair.

### Touch Screen Control

Integrating the iPod with your Crestron system enables full control and navigation using touch screens, APADs, keypads, computers, and handheld remotes anywhere throughout a residence or office. From any touch screen, you can search the entire iPod library by genre, artist, album and track, and even view album cover art<sup>[3]</sup>.

### Sync to iTunes® over Ethernet

Using USB-over-IP technology and , the Crestron iServer allows the iPod to connect with any networked computer running Apple iTunes software without ever having to undock it from the iServer. Syncing the iPod to iTunes works the same as if it were hooked up with a USB cable, affording full capabilities for organizing and transferring your music and video files, podcasts, audio books, and playlists anytime you want.

### Audio and Video Distribution

Buffered outputs on the rear of the iServer enable audio and video signals to be fed from the iPod to your home theater or multiroom distribution system. Discrete composite and component video outputs are included. Both unbalanced and Crestron "CH" CAT5 balanced connections are provided for total compatibility with PROCISE®, Sonnex™, DigitalMedia™, Adagio®, and Crestron Home® systems, as well as with conventional third-party equipment.

### Adagio® Plug-and-Play

The Crestron iServer affords easy plug-and-play setup as part of a complete Adagio system. Without any programming, Adagio delivers full access and control of the iServer from every room.

For applications requiring on-the-fly iPod docking and undocking, see the [CEN-IDOCV](#) or [CEN-IDOCV-DSW](#).

## SPECIFICATIONS

### Compatibility

**iPod:** For a complete list of supported products, refer to Crestron Online Help Answer ID 4837, or contact Crestron True Blue Support at [www.crestron.com/true\\_blue\\_support](http://www.crestron.com/true_blue_support).

**Computer:** Crestron Sync software is compatible with Mac® OS X v10.4-10.6, Windows® XP, Windows Vista®, and Windows 7 32-bit

### Audio

**Signal Types:** Analog stereo, Crestron 'CH' CAT5 Balanced

### Video

**Signal Types:** Composite, Component (YPbPr), Crestron 'CH' CAT5 Balanced

### Communications

**Ethernet:** 10/100 Mbps, auto-switching, auto-negotiating, auto-discovery, full duplex, DHCP

**USB:** USB 2.0 for computer console

# CEN-ISERVER Crestron iServer® Network Audio Server



CEN-ISERVER – Rear View

## Connectors – Front Panel

**Docking Cable:** (1) 30-pin female I/O plug inside docking bay;  
Connects to the iPod when installed in the docking bay

## Connectors – Rear Panel

**VIDEO OUT, COMP:** (1) RCA female;  
Composite video output;  
Output Level: 1 Vp-p nominal;  
Output Impedance: 75 ohms nominal

**VIDEO OUT, Y Pb Pr:** (3) RCA female;  
Component (YPbPr) video output;  
Output Level: 1 Vp-p nominal (Y), 0.7 Vp-p nominal (PbPr);  
Output Impedance: 75 Ohms nominal

**VIDEO OUT, CH:** (1) 8-pin RJ45 female, shielded;  
CAT5 balanced video output port;  
Formats: Composite, component (YPbPr);  
Connects to any “CH” CAT5 video input port;  
Maximum Cable Length: 500 ft

**AUDIO OUT, L – R:** (2) RCA female;  
Unbalanced stereo line-level audio output

**AUDIO OUT, CH:** (1) 8-wire RJ45 female, shielded;  
CAT5 balanced stereo audio output port;  
Connects to any “CH” CAT5 audio input port or bidirectional audio port;  
Maximum Cable Length: 500 ft

**COMPUTER:** (1) USB Type B female;  
USB 2.0 device port (cable included);  
For setup only

**LAN:** (1) 8-wire RJ45;  
10Base-T/100Base-TX Ethernet port

**PWR:** (1) 2-pin 3.5mm detachable terminal block;  
24 Volt DC power input;  
Connects to Cresnet power or PW-2407RU power pack<sup>[4]</sup>

**G:** (1) 6-32 screw, chassis ground lug

## Controls & Indicators

**SYNC:** (1) Yellow LED, indicates when internal iPod is synced to iTunes  
**PWR:** (1) Green LED, indicates 24 Volts DC power supplied from Cresnet or external power supply

**DEVICE:** (1) Green LED, indicates an iPod is installed and connected  
**SETUP (rear):** (1) Recessed miniature pushbutton and red LED for setting IP ID

**LAN (rear):** (2) LEDs, green indicates Ethernet link status, yellow indicates Ethernet activity

## Power Requirements

**Cresnet Power Usage:** 8 Watts (0.34 Amps @ 24 Volts DC)  
May be powered by Cresnet or PW-2407RU power pack<sup>[4]</sup>

## Environmental

**Temperature:** 41° to 113°F (5° to 45 °C)  
**Humidity:** 10% to 90% RH (non-condensing)  
**Heat Dissipation:** 27 BTU/Hr

## Enclosure

**Chassis:** Metal with black finish  
**Faceplate:** Metal with black finish and polycarbonate label overlay  
**Mounting:** Freestanding or 1U 19-inch rack-mountable (adhesive feet and rack ears included)

## Dimensions

**Height:** 1.80 in (46 mm);  
1.70 in (44 mm) without feet  
**Width:** 17.07 in (434 mm);  
19.00 in (483 mm) with ears  
**Depth:** 10.43 in (265 mm)

## Weight

4.30 lb (1.95 kg)

# CEN-ISERVER Crestron iServer® Network Audio Server

## MODELS & ACCESSORIES

### Available Models

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**CEN-ISERVER:** Crestron iServer® Network Audio Server

### Included Accessories

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**CRESTRON-SYNC:** Crestron Sync Software for Apple® iTunes®

### Available Accessories

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**PW-2407RU:** 18 Watt Cresnet® Power Supply, US/International

**ABAR-1:** Crestron Home® CAT5 Balanced Audio Receiver

**ABARI-1:** Crestron Home® CAT5 Balanced Audio Receiver - International Version, 230V

**ABVR-1:** Crestron Home® CAT5 Balanced Video Receiver

**CNX-PBAR4:** 4 Room Crestron Home® CAT5 Balanced Audio Receiver

**CNX-PBVR4:** 4 Room Crestron Home® CAT5 Balanced Video Receiver

**CBL-RCA:** Crestron® Certified RCA Composite Video Interface Cable

**CBL-RCA3:** Crestron® Certified RCA Component Video Interface Cable

**CBL-RCA2:** Crestron® Certified RCA Stereo Audio Interface Cable

### Notes:

1. iPod device not included.
2. For a complete list of supported products, refer to Crestron Online Help Answer ID 4837, or contact Crestron True Blue Support at [www.crestron.com/true\\_blue\\_support](http://www.crestron.com/true_blue_support).
3. Display of album cover art is only supported using iPod touch.
4. Item sold separately.

This product may be purchased from an authorized Crestron dealer. To find a dealer, please contact the Crestron sales representative for your area. A list of sales representatives is available online at [www.crestron.com/salesreps](http://www.crestron.com/salesreps) or by calling 800-237-2041.

Specifications subject to change without notice. Crestron is not responsible for errors in typography or photography.

The specific patents that cover Crestron products are listed online at: [patents.crestron.com](http://patents.crestron.com).

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