

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^[3]
- > 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®^[3]



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^[1]. 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®.^[2]

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^[3].

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.

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

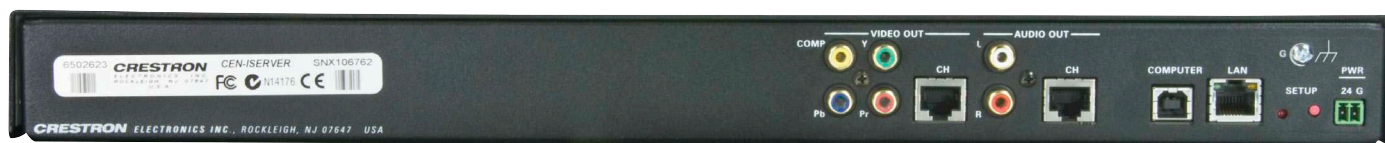
Signal Types: Composite, Component (YPbPr), Crestron 'CH' CAT5 Balanced

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^[4]

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^[4]

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

CEN-ISERVER: Crestron iServer® Network Audio Server

Included Accessories

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

Available Accessories

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.
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 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.

Adagio, Crestron, Crestron Home, Crestron iServer, DigitalMedia, PROCISE, Sonnex, and the Crestron logo are either trademarks or registered trademarks of Crestron Electronics, Inc. in the United States and/or other countries. Apple, iPod, iPod classic, iPod nano, iPod touch, iTunes, Mac, and the Made for iPod logo are either trademarks or registered trademarks of Apple Inc. in the United States and/or other countries. Windows and Windows Vista are either trademarks or registered trademarks of Microsoft Corporation in the United States and/or other countries. Other trademarks and trade names may be used in this document to refer to either the entities claiming the marks and names or their products. Crestron disclaims any proprietary interest in the marks and names of others. ©2012 Crestron Electronics, Inc.

CEN-ISERVER Crestron iServer® Network Audio Server

