

CEN-ISERVER

Crestron iServer® Network Audio Server

The iServer from Crestron® 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®, iPhone® 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.

Touchpanel Control

Integrating the iPod with your Crestron system enables full control and navigation using touchpanels, APADs, keypads, computers, and handheld remotes anywhere throughout a residence or office. From any touchpanel, 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 **Crestron Sync**, 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.

Instructions and download

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 Adagio® and Crestron Home® systems, as well as with conventional 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**.

> "Made for iPod" network audio server

> Provides a permanent housing for a single dedicated iPod

> Enables full 2-way touchpanel 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 touchpanel 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

SPECIFICATIONS

Compatibility

iPod:

Computer: Crestron Sync software is compatible with Mac® OS X v1.5, Windows® XP, and Windows Vista®

Audio

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

Video

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

Ethernet

10BaseT/100BaseTX, static IP or DHCP, DNS, full duplex, auto-switching, auto-negotiating, auto-discovery, TCP/IP, CIP

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

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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 port (cable included)
LAN: (1) 8-wire RJ45 with 2 LED indicators;
10BaseT/100BaseTX Ethernet port;
Green LED indicates link status;
Yellow LED indicates Ethernet activity
PWR: (1) 2-pin 3.5mm detachable terminal block;
24 Volt DC power input
G: (1) 6-32 screw, chassis ground lug

Controls & LED 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^[4]
DEVICE: (1) Green LED, indicates an iPod is installed and connected
SETUP (rear): (1) Recessed miniature pushbutton and red LED for setting IP ID

Power Requirements

Cresnet Power Usage: 8 Watts (0.34 Amps @ 24 Volts DC)
May be powered by Cresnet or external power supply^[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: Aluminum, black matte powder coat finish
Faceplate: Extruded aluminum, black matte powder coat finish with 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)

Available Models

Available Accessories

ABAR-1: Adagio® Balanced Audio Receiver
ABARI-1: Adagio® Balanced Audio Receiver - International Version, 230V
ABVR-1: Adagio® Balanced Video Receiver
CNX-PBAR4: 4 Room CAT5 Balanced Audio Receiver
CNX-PBVR4: 4 Room CAT5 Balanced Video Receiver

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 currently only supported using the iPod touch model.

4. Power supply not included.

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