CEN-IDOCV-DSW

Wall Mount Docking Interface

> "Made for iPod®" AV and control interface

> Stylish in-wall docking station

> Enables full 2-way touch screen control of the iPod

> Displays metadata and album cover art[4]

> Plays audio throughout the home or office[2]

> Allows viewing of video files on a video touch screen or display[2]

> Syncs to iTunes® over Ethernet

> Charges the iPod battery

> Allows local navigation and volume control

> Includes Crestron Home® CAT5 Balanced AV connectivity

> Affords plug-and-play integration with Adagio® systems

> PoE network powered

> Available in white or black

> Compatible with iPod classic® (6th gen or later), iPod nano® and iPod touch® [3]

In an elegant flush wall mount design, the CEN-IDOCV-DSW provides an extraordinary Crestron® interface and control solution for your personal media player[1]. It features a built-in, recessed docking station with audio, video, USB, and high-speed Ethernet connectivity for full integration with a Crestron whole-house AV system[2].

The CEN-IDOCV-DSW 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®.[3]

Easy Docking

Simply placing the iPod into the docking station instantly connects it for sharing with speakers and video monitors throughout the home or office.

Touch Screen Control

Integrating the iPod with a Crestron system enables full control and navigation using touch screens, APADs, keypads, computers, and handheld remotes. From any touch screen, you can search the entire iPod library by genre, artist, album and track, and even view album cover art[4].

Local Mode

Engage the LOCAL button on the front of the CEN-IDOCV-DSW to allow navigation control directly on the iPod device without undocking. Using an iPod touch, LOCAL mode lets you run all your apps so you can enjoy Internet radio and YouTube™ through your whole-house AV system.

Local Volume Control

Simple volume control is enabled using the VOL rocker button on the front of the CEN-IDOCV-DSW, so it's not necessary to install a separate touch screen or keypad nearby just to control the iPod audio level.

Sync to iTunes® over Ethernet

Using USB-over-IP technology and , the CEN-IDOCV-DSW allows the iPod to connect with any networked computer running Apple iTunes software right from the docking station. 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 music and video files, podcasts, audio books, and playlists anytime you want.

Audio and Video Distribution

The CEN-IDOCV-DSW allows stereo audio, composite video, and component video signals to be fed from the iPod to your home theater or multiroom distribution system.[2]

Crestron Home® CAT5 Balanced AV

Crestron Home (CH) CAT5 Balanced technology allows the CEN-IDOCV-DSW to be located up to 500 feet from the central equipment, interfacing directly with other CH-compatible devices like the Crestron CNX-BIPAD8, CNX-PVID8, and Sonnex™ SWAMP-24X8 using ordinary CAT5 type wire. Connecting the CEN-IDOCV-DSW to conventional AV equipment, or to a Crestron PROCISE®, DigitalMedia™, or Adagio® system, is facilitated using the ABAR-1 Balanced Audio Receiver[5] and ABVR-1 Balanced Video Receiver[5].

Adagio® Plug-and-Play

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

CRESTRON®

Power over Ethernet

For operation and charging the iPod battery, the CEN-IDOCV-DSW gets its power right through the LAN wiring using 802.3af PoE technology. PoE (Power over Ethernet) eliminates the need for a separate wall-wart power supply or dedicated power wiring. A PoE Injector (PWE-4803RU optional) simply connects inline with the LAN cable, allowing for installation at any convenient location. For applications with multiple CEN-IDOCV-DSWs or other PoE-powered devices, a Crestron PoE switch (CEN-SW-POE-5[5] or CEN-SWPOE-24[5]) may be used for a streamlined networking solution with built-in PoE.

Versatile Wall Mount Design

The CEN-IDOCV-DSW is designed for easy recess-mount installation in a wall or similar flat, vertical surface using one of three available mounting kits. The mounting options include a choice of pre-construction back boxes or post-construction mounting kit.[5]

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 output via Crestron 'CH' CAT5 Balanced Audio port[2]

Video

Signal Types: Composite and Component (YPbPr) outputs via Crestron 'CH' CAT5 Balanced Video port[2]

Communications

Ethernet: 10/100 Mbps, auto-switching, auto-negotiating, auto-discovery, full duplex, DHCP, IEEE 802.3af compliant
USB: USB 2.0 for computer console

Connectors

LAN PoE: (1) 8-wire RJ45, 10Base-T/100Base-TX Ethernet port; 802.3af Power over Ethernet compliant

CH AUDIO OUT: (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

CH VIDEO OUT: (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

COMPUTER: (1) USB Type B female; Located in docking bay behind faceplate; USB 2.0 device port (cable included); For setup only

Docking Port

30-pin female iPod connector; Accepts standard Apple dock adapters (not included); Provides 2-way communications, audio, video, and power link to iPod

Controls & Indicators

LOCAL: (1) Pushbutton & green LED, enables local control mode using the iPod UI
VOL: (1) Programmable rocker button for up/down volume control
PWR: (1) green LED behind front cover, indicates power supplied from PoE
RESET: (1) Recessed miniature pushbutton behind front cover for hardware reset
LAN PoE (rear): (2) LEDs, green indicates Ethernet link status, yellow indicates Ethernet activity

Power Requirements

Power over Ethernet: IEEE 802.3af Class 0 PoE Powered Device

Environmental

Temperature: 41° to 113°F (5° to 45 °C)
Humidity: 10% to 90% RH (non-condensing)
Heat Dissipation: 14 BTU/Hr

Enclosure

Plastic; requires BB-IDOCV-DSW or WMK-BB-IDOCV-DSW wall mounting kit[5]

Dimensions

Height: 5.84 in (149 mm)
Width: 4.74 in (121 mm)
Depth: 3.09 in (79 mm)

Weight

12.7 oz (360 g)

MODELS & ACCESSORIES

Available Models

CEN-IDOCV-DSW-B-T: Wall Mount Interface for Apple® iPod®, Black Textured
CEN-IDOCV-DSW-W-T: Wall Mount Interface for Apple® iPod®, White Textured
CEN-IDOCV-DSW-PWE-B-T: Wall Mount Interface for Apple® iPod® w/PoE Injector, Black Textured
CEN-IDOCV-DSW-PWE-W-T: Wall Mount Interface for Apple® iPod® w/PoE Injector, White Textured

Included Accessories

CRESTRON-SYNC: Crestron Sync Software for Apple® iTunes®
PWE-4803RU: PoE Injector (Qty. 1 included with CEN-IDOCV-DSW-PWE-B-T and CEN-IDOCV-DSW-PWE-W-T)

Available Accessories

BB-IDOCV-DSW: Pre-Construction Wall Mount Back Box
BBI-IDOCV-DSW: Wall Mount Back Box - International Version
WMK-BB-IDOCV-DSW: Post-Construction Mounting Kit
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
PWE-4803RU: PoE Injector
CEN-SW-POE-5: 5-Port PoE Switch
CEN-SWPOE-24: 24-Port Managed PoE Switch

Notes:

1. iPod device not included.
2. Audio/video signal output requires one or more Crestron Home (CH) CAT5 Balanced AV compatible devices.
3. 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.
4. Display of album cover art is only supported using iPod touch.
5. Item(s) 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.