

Escent Vision

CH-1 Adapter Kit User's Guide

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Welcome

The CH-1 adapter kit is designed to allow the connection of Sony DVP-CX777ES DVD Mega Changers to the Vision VS and VC media clients. Please read the following instructions before attempting to install a Sony Changer with a Vision client. Each Escient Vision VS supports up to 4 changers and the VC supports one changer. One CH-1 Adapter Kit is required for each changer.

CH-1 Kit Components



- Component/Digital to HDMI Audio/Video Adapter
- Power Supply
- Keyspan USB to Serial adapter
- USB Type A to Type B cable
- Component Video Cable
- Digital Audio Cable

What You Need to Setup the CH-1 Adapter Kit

- Vision Series VS or VC client
- A Sony DVP-CX777ES Changer
- Null modem female to female serial cable
- HDMI cable of the appropriate length (not included)

Important:

Each Vision VS or VC client supports only one CH1- Adapter kit. If you are installing more than one changer you will need to purchase an optional Keyspan 4 Port USB Serial Adapter and install it in place of the single Keyspan USB to Serial adapter that is included in the CH-1 Kit. The 4 port unit retails for about \$150.00 US.

If you plan on using one or mote external changers **and** controlling Vision via RS-232 you will also need to purchase the Keyspan 4 port USB adapter. It is always preferable to use TCP/IP for eternal control if your control system supports it.



Keyspan USA49WG

For more information on the Keyspan USB 4 Port Serial Adapter, please visit the Keyspan web site.

<http://www.keyspan.com/products/usa49wg/>

CH-1 at a Glance

Component to HDMI Adapter [input side]



- Component video connectors (Pr Pb Y)
- Input status LED
- Optical Digital Audio Input
- Coax Digital Audio Input

Component to HDMI Adapter [output side]



- Output Status LED
- HDMI Output
- 5 volt DC Power Input
- Test Switch (only present on some older models – not used)

Step 2: Connect the Component to HDMI Adapter

1. Connect the included component video cable and digital audio cable between the Sony changer's outputs and the inputs on the video adapter.
2. Connect your HDMI cable between the video adapter HDMI output and the first HDMI input on the Vision.
3. Insert the DC side of the power supply into the video adapter.
4. Insert the AC side of the power supply into the wall outlet.

Step 3: Connect the Keyspan USB to Serial Adapter

1. Connect the included USB cable between the top USB port on the rear of the Vision and the Keyspan Serial adapter.
2. Connect a null modem (female to female) RS-232 cable (not included) to the DB-9 male connector side on the Keyspan Serial adapter.

Step 4: Configure the Sony Changer's Back Panel Switches

1. Make sure the COMMAND MODE switch is set to 1.
2. Make sure the COMPONENT VIDEO OUT switch is set to PROGRESSIVE.

Step 5: Turn on your Vision

Press and release the power button on the front panel of the Vision and wait for it to boot up. The boot process is complete when the power LED changes to blue.

Step 6: Lookup Changer Discs

After Vision is fully running, you can start the disc lookup process. To initiate the initial lookup of all of the DVDs in the changer you must open and close the changer door using the Sony's front panel OPEN/CLOSE button. Vision will then begin to identify all of the changer discs. This may take up to an hour and a half for a full changer.

Audio Configuration

Configure the Sony Changer's Digital Audio Settings

The Sony DVP-CX777ES changer's digital audio output must be set to output Digital 5.1 and not PCM. Use the Sony remote and on screen menus to change the digital audio output setting.

Follow these steps using the SONY CHANGER REMOTE to set the correct audio settings on the changer:

1. While a movie is playing from the changer press STOP.
2. Press the DISPLAY key to show the changer's on screen menu system.

3. Arrow down to the bottom icon in the list, a red toolbox.
4. Press ENTER to display the Quick Setup Menu.
5. Highlight "QUICK" and press ENTER. This will start the Sony DVD Player's Quick Setup feature.
6. Follow the instructions on-screen.
7. When you get to the 4th screen, select "DIGITAL & 5.1CH OUTPUT" then press ENTER.
8. On the next screen select "DOLBY DIGITAL" then press ENTER.
9. On the next screen select "DTS" then press ENTER.
10. Follow the remaining instructions on-screen.
11. When you complete Quick Setup, you will see the list of icons again. Press DISPLAY 2 times to clear the screen.

Testing the Connections

You can verify the LED states on each of the adapters to make sure everything is properly connected.

Component to HDMI Adapter

The LEDs on both sides of the adapter should be blue when playing a movie from the changer.

If the analog (component video) side is off, the component video and digital audio connections are not properly connected to the Sony changer or the changer is not powered on.

If the HDMI side is off while you are playing a changer based disc, the HDMI cable is not properly connected to the Vision or the adapter. Check the cable.

If the HDMI side is red, move the small switch on the digital side to the opposite position using a paperclip. It should now be blue.

Keyspan USB to Serial Adapter

The LED on the USB adapter will be lit when it is connected and active. If it is not lit, make sure that the USB cable is properly connected.

The LED will flash occasionally when there is communication with the changer.

Trouble Shooting

Make sure you have all of the appropriate connections made and that you have connected AC power to the adapter, changers, and Vision.

If you experience any problems connecting a Sony DVP-CX777ES changer to Vision, please contact your rep or Escient tech support. Please have your model and serial number ready.

Business Hours

Phone: 800.372.4368

Select #3 for a support representative

8am-6pm (GMT-05:00) Eastern Time

[email: support@escient.com](mailto:support@escient.com)

After Hours

Phone: 800.372.4368

Follow prompts for instructions

6pm-9am (GMT-05:00) Eastern Time

[email: support@escient.com](mailto:support@escient.com)