

# CEN-BDP-CX7000ES

Sony® 400 Disc Blu-ray/DVD ES MegaChanger

## 1 Introduction

The CEN-BDP-CX7000ES provides organized storage and playback of 400 discs including Blu-ray Disc™, DVD, and CD media. As an option for the ADMS or ADMS-BR Intermedia Delivery System™, or as part of any complete home entertainment system, the CEN-BDP-CX7000ES allows for seamless control integration and delivers high-end HD video and audio performance.

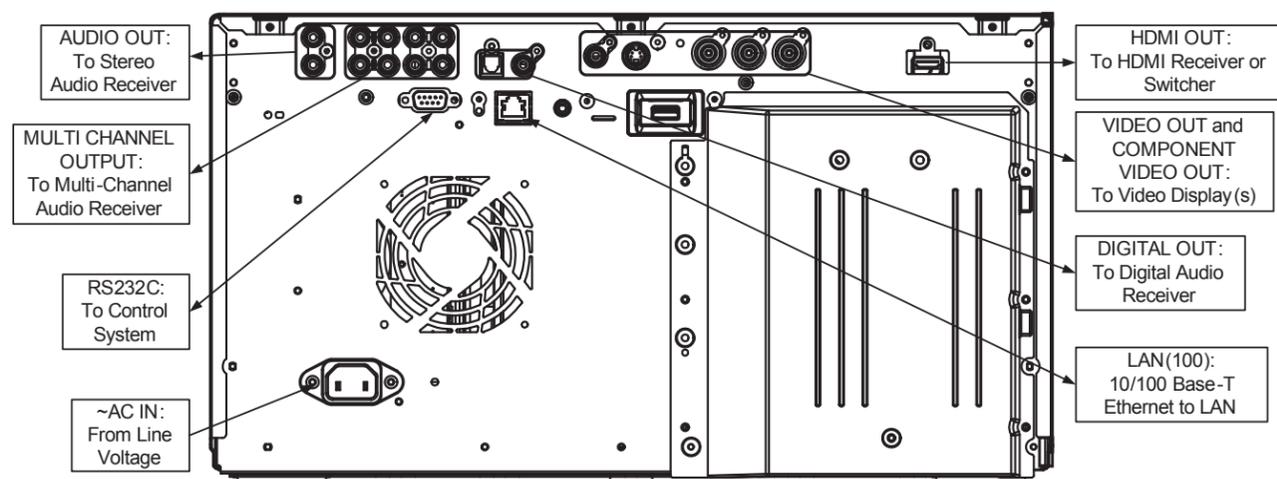
**NOTE:** With the exception of an optical drive, controls, and I/O ports found on the front of the ADMS-BR, the ADMS and ADMS-BR are functionally identical. For simplicity within this guide, the term “ADMS” is used except where noted.

**NOTE:** CD media stored on a CEN-BDP-CX7000ES is not available through the ADMS.

The CEN-BDP-CX7000ES can also be used as part of any Prodigy® or Crestron® system with fully integrated control and metadata available through a touchpanel, handheld remote, or on-screen display. When operated in this manner, the changer allows searching, sorting, and navigation of the disc library by title, genre, cast and more, with metadata downloaded from the Gracenote™ online service, all from the changer’s on-screen-display.

## 2 Hardware Hookup

Make the connections as called out in the illustration below. Apply power after all connections have been made.



**NOTE:** If using the CEN-BDP-CX7000ES with an ADMS and HD-MD8X1 QuickSwitch HD® 8x1 HDMI® Switcher, refer to section 3 for (hardware connection) details.

**NOTE:** The LAN(100) port must be used when used in conjunction with an ADMS. When connected with other devices or systems, the RS232C or LAN(100) port can be used.

**NOTE:** The HDMI OUT port must be used when used in conjunction with an ADMS and HD-MD8X1. When connected with other systems and/or devices, the other audio-video outputs can be used as well.

**NOTE:** If connecting directly to a TV via HDMI and using the TV’s built-in speakers, the “Audio (HDMI)” parameter must be set to “2ch PCM”. For instructions on changing settings, refer to the Operating Instructions that are included with the CEN-BDP-CX7000ES.

## 3 Integrating the CEN-BDP-CX7000ES with the ADMS

Using an HD-MD8X1 QuickSwitch HD 8x1 HDMI Switcher (sold separately or as part of a package), up to seven CEN-BDP-CX7000ES devices can be seamlessly controlled by an ADMS.

### Configure the CEN-BDP-CX7000ES

Temporarily connect the CEN-BDP-CX7000ES directly to a TV or monitor over HDMI, and configure the CEN-BDP-CX7000ES as described below. Repeat for each CEN-BDP-CX7000ES.

- Set the “Accessing Gracenote” parameter to “Off”.
- Set the “Custom Installation Control” parameter to “Network”.
- Use a static IP address (Select “Use Static IP Address”). Note the IP address of each CEN-BDP-CX7000ES for later use.

For instructions on changing settings, refer to the Operating Instructions that are included with the CEN-BDP-CX7000ES.

### Configure the HD-MD8X1 QuickSwitch HD 8x1 HDMI Switcher

Configure the HD-MD8X1 to use a static IP address. Note the IP address of the HD-MD8X1.

For information on setting the IP address on an HD-MD8X1 refer to the latest version of the HD-MD8X1/2 Operations Guide (Doc. 6714) which can be downloaded from the Crestron Web site ([www.crestron.com/manuals](http://www.crestron.com/manuals)).

### Hardware Connections

Make the following hardware connections:

- Connect the HDMI output of the ADMS to an input on the HD-MD8X1. **Note the input port.**
- Connect the HDMI output of each CEN-BDP-CX7000ES to an input on the HD-MD8X1. **Note the connection for each CEN-BDP-CX7000ES.**
- Connect the HDMI output of the HD-MD8X1 to an input on the display device or HDMI receiver.
- Connect the LAN ports of the CEN-BDP-CX7000ES, ADMS, and HD-MD8X1 to the same Ethernet switch (same VLAN).

### Download Firmware

To work seamlessly with the ADMS using the HD-MD8X1, the CEN-BDP-CX7000ES must have firmware version v15.2.018 or higher which is available when the CEN-BDP-CX7000ES is connected to the Internet.

To get the latest compatible firmware, refer to the “Network Update” section of the Operating Instructions that are included with the CEN-BDP-CX7000ES.

### Configure the ADMS

Following are instructions for configuring an ADMS for use with the CEN-BDP-CX7000ES.

If the CEN-BDP-CX7000ES is to be integrated with another device or system, SIMPL™ Windows, SystemBuilder™, or Prodigy Composer (along with Crestron Database version 23.010 (or later)), must be used. For details, refer to the programming software’s help file.

**NOTE:** This section assumes that the ADMS is already installed, operational, and located on the same subnet as the CEN-BDP-CX7000ES and HD-MD8X1. For more information, refer to the latest version of the ADMS Operations Guide (Doc. 6854) which can be downloaded from the Crestron Web site.

(Continued on following page.)

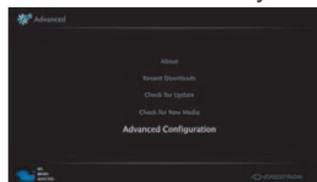
### 3 Integrating the CEN-BDP-CX7000ES with the ADMS (continued)

The ADMS must be configured to work with the CEN-BDP-CX7000ES and HD-MD8X1. To configure the ADMS:

1. Open the SETUP MENU.
  - a. Using the keyboard connected to the ADMS, press the down arrow (↓) to move the cursor down until **Advanced** is highlighted.



- b. Press **Enter** on the keyboard. The Advanced section will be displayed.



**NOTE:** The ADMS should have the latest firmware installed. To ensure the latest firmware is installed press the down arrow (↓) to move the cursor down until **Check for Update** is highlighted and press **Enter**. If a new version is available, follow the on-screen instructions.

- c. Press the down arrow (↓) to move the cursor down until **Advanced Configuration** is highlighted.
  - d. Press **Enter**. The Advanced Configuration login will be displayed.
  - e. Enter the password *dealeradmin* and press **Enter**. The SETUP MENU will be displayed.



2. Use the mouse to click **Library**. The “Library Configure” window will be displayed.

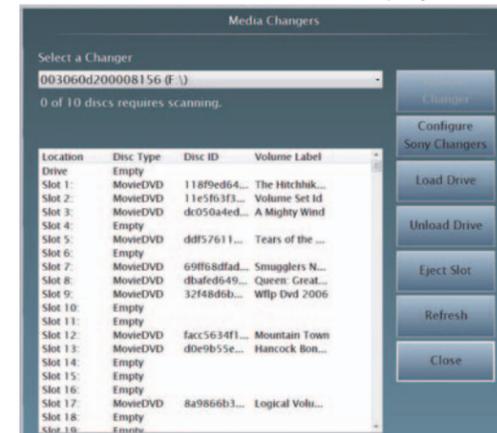


(Continued on following column.)

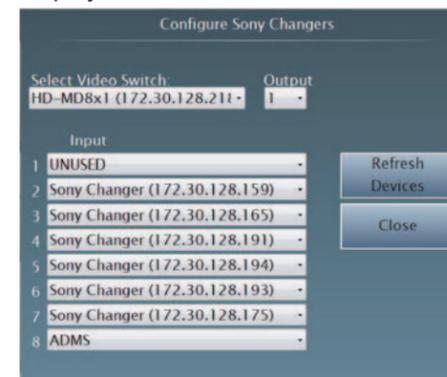
Crestron, the Crestron logo, Intermedia Delivery System, Prodigy, QuickSwitch HD, SIMPL, and SystemBuilder are trademarks or registered trademarks of Crestron Electronics, Inc. in the United States and other countries. Blu-ray Disc is a trademark of the Blu-ray Disc Association. Gracenote is a registered trademark or trademark of Gracenote in the United States and other countries. HDMI, the HDMI Logo, and High-Definition Multimedia Interface are trademarks or registered trademarks of HDMI Licensing LLC in the United States and other countries. Sony, is a trademark of Sony Corporation. Other trademarks, Registered 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. ©2011 Crestron Electronics, Inc.

### 3 Integrating the CEN-BDP-CX7000ES with the ADMS (continued)

3. Use the mouse to click **Media Changers**. The “Media Changers” window will be displayed. If an ADC-200BR is connected, the window will display the discs contained in the ADC-200BR.



4. Use the mouse to click **Configure Sony Changers**. The “Configure Sony Changers” window will be displayed.



5. Use the mouse to select an HD-MD8X1 from the dropdown list.
6. Using the IP address and input port assignments recorded on page 1, assign each input on the HD-MD8X1 to the ADMS and each CEN-BDP-CX7000ES on the network.

**NOTE:** If a changer or switcher is not shown, use the mouse to click **Refresh Devices**.

**NOTE:** If a switcher input has a device assigned to it, the device’s output must be connected to the specified input on the switcher.

7. When all of the connected devices are assigned to an input, use the mouse to click **Close** and return to the previous screen. Click **Close** to return to the “Library Configure” window and click **Close** to return to the SETUP MENU.

8. Click **Exit** to exit the SETUP MENU and select **Check for New Media**.