HD-SCALER

High-Definition Video Scaler

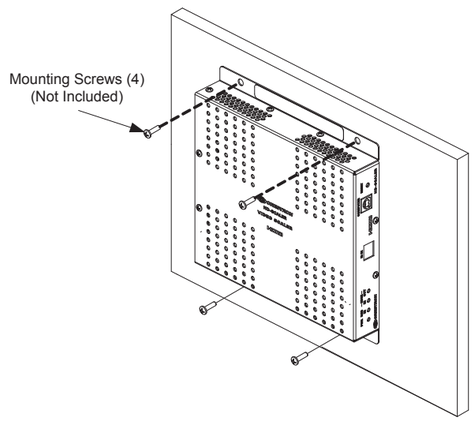
quickstart guide

1 Mounting the HD-SCALER

Mount the HD-SCALER on a flat surface or on a rack rail as appropriate for your installation.

Mounting the HD-SCALER on a Flat Surface

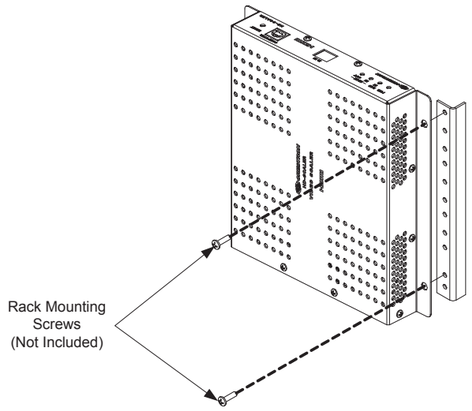
Using four mounting screws (not included), attach the HD-SCALER to a flat surface. Mounting of the HD-SCALER on a wall is shown below.



Mounting the HD-SCALER on a Rack Rail

Mount the HD-SCALER on the front or rear rail of a rack as follows:

1. Position either mounting flange of the HD-SCALER so that the holes align with the holes in the rack.
2. Secure the device to the rack using two rack mounting screws (not included).



2 Connecting the HD-SCALER

AUDIO IN: Connects to audio output of an unbalanced stereo line level audio source (3.5 mm TRS mini phone jack cable not included).

RGBHV IN: Connects to RGBHV input of an RGB or component video source (VGA cable not included).

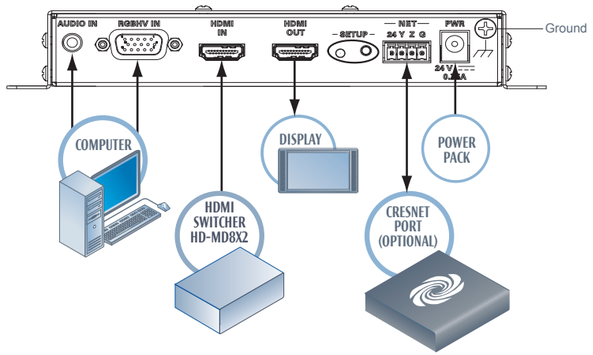
HDMI IN: Connects to HDMI® output of an HDMI source (HDMI cable not included).

HDMI OUT: Connects to HDMI input of an HDMI display/ receiver (HDMI cable not included).

NET: (Optional) Connects to 4-pin **NET** port of a Cresnet® device (Cresnet control cable not included).

NOTE: A Cresnet power supply and the included power pack (mentioned below) cannot be connected at the same time.

PWR: Connects to power pack (included).



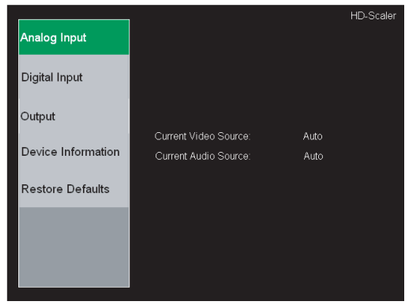
3 (Optional) Setting the Output Resolution

When shipped from the factory, the HD-SCALER is ready for operation. Upon initial setup, however, you may wish to set a particular output resolution if the desired resolution is other than the preferred resolution of the display. (By default, the preferred resolution of the display is used.)

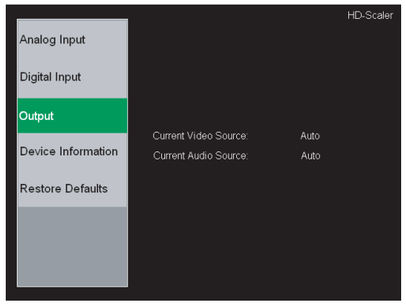
Set the desired output resolution using the HD-SCALER on-screen display (OSD), which appears on the video display. Access and navigate the OSD using the supplied IR remote (shown to the right).

To set the output resolution, do the following using the IR remote:

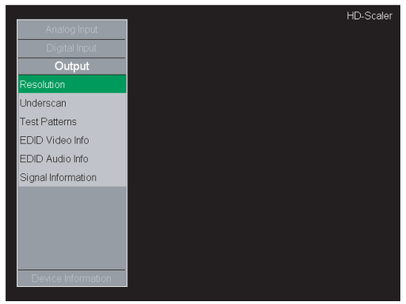
1. Press MENU. The main menu of the OSD appears.



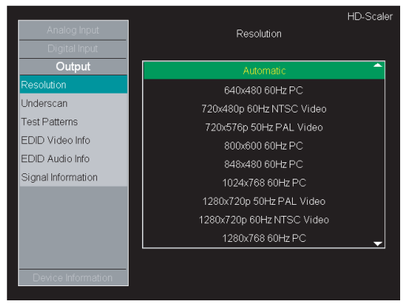
2. Use ▼ to navigate to *Output*. *Output* is then highlighted.



3. Press OK. The *Output* submenu appears, and *Resolution* is highlighted.



4. Press OK. A scrollable list of output resolutions supported by the HD-SCALER appears.



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HD-SCALER

For details, refer to the latest version of the **HD-SCALER** Operations & Installation Guide, Doc. 7136.

QUICKSTART DOC. 7137A (2029517) 04.11

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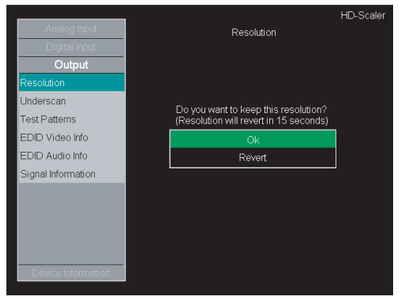
3 Setting the Output Resolution *(Continued)*

5. Use ▲ or ▼ to navigate to the desired resolution.
6. Press OK. A prompt appears asking you whether you want to keep the newly selected resolution.
7. With *Ok* highlighted on the OSD, press OK within 15 seconds to keep the resolution.



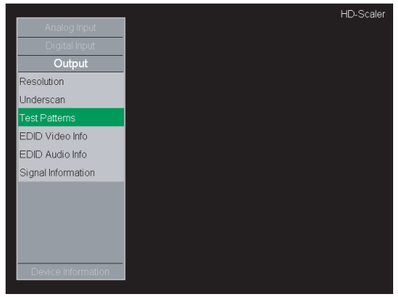
NOTE: If you do not press OK within 15 seconds or if you select a resolution that is not supported by the display, the output reverts to the previous resolution. Depending on the display, an error may be indicated prior to reverting to the previous resolution.

NOTE: Selecting *Revert* causes the output to go back to the previous resolution.

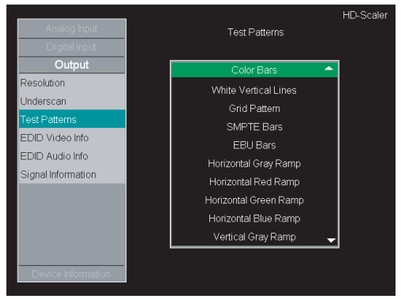
8. Continue with section 4 if you wish to set a test pattern; otherwise, press MENU to close the OSD.

4 (Optional) Displaying a Test Pattern

1. In the *Output* submenu, use ▼ to navigate to *Test Patterns*. *Test Patterns* is then highlighted.



2. Press OK. A scrollable list of available test patterns appears.



3. Use ▲ or ▼ to navigate to the desired test pattern.
4. Press OK. The selected test pattern appears.
5. Press OK to return to the *Test Pattern* list.
6. Press MENU to close the OSD.

5 OSD Operation Overview

The following provides an overview of OSD operation using the IR remote:

- To access and close the OSD:

  Press MENU to access the OSD. Pressing MENU a second time closes the OSD.

- To navigate up or down in a menu or in a list of available configuration settings:

  Use ▲ or ▼.

- To select a highlighted item in a menu or in a list of available configuration settings:

  Press OK.

- To go back to the previous level (for example, to a submenu or to the main menu):

  Use ◄.

- To navigate to the left (-) or to the right (+) when adjusting a setting in a slider (for example, Brightness):

  Use ◄ or ►.

- To save a setting in a slider:

  Press OK.

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