

Overview

This user manual provides information regarding the NHD-0401-MV and its configuration. The NHD-0401-MV can be configured to operate within a NetworkHD system with the NHD-CTL-PRO, encoders, and decoders or as a standalone multiview switcher.

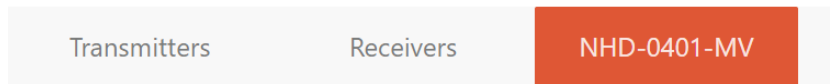
Configuring for NetworkHD

To configure the NHD-0401-MV for use within a NetworkHD system, please ensure these prerequisites are met.

- A configured network switch(es)
- NetworkHD 400 or 500 series components
- NHD-CTL-PRO (NHD-000-CTL is not supported)

To begin configuring the NHD-0401-MV, ensure that it's IP address is in the same range as the NHD-CTL-PRO, encoders, and decoders. By default, the NHD-0401-MV is set to DHCP. In the absence of a DHCP server it will revert to an AutoIP range of 169.254/16.

1. Log into the web interface of the NHD-CTL-PRO
2. Select the tab that says **"NHD-0401-MV"**. If you do not see this tab, then the NHD-CTL-PRO was not able to locate the switcher. Verify both devices are in the same IP address range.



3. Double click the **Hostname** of the switcher and enter in a custom alias to identify the device more easily. This alias will also be shown in the NetworkHD Touch user interface.

NHD-0401-MV-000000000101 ✕

AliasName:

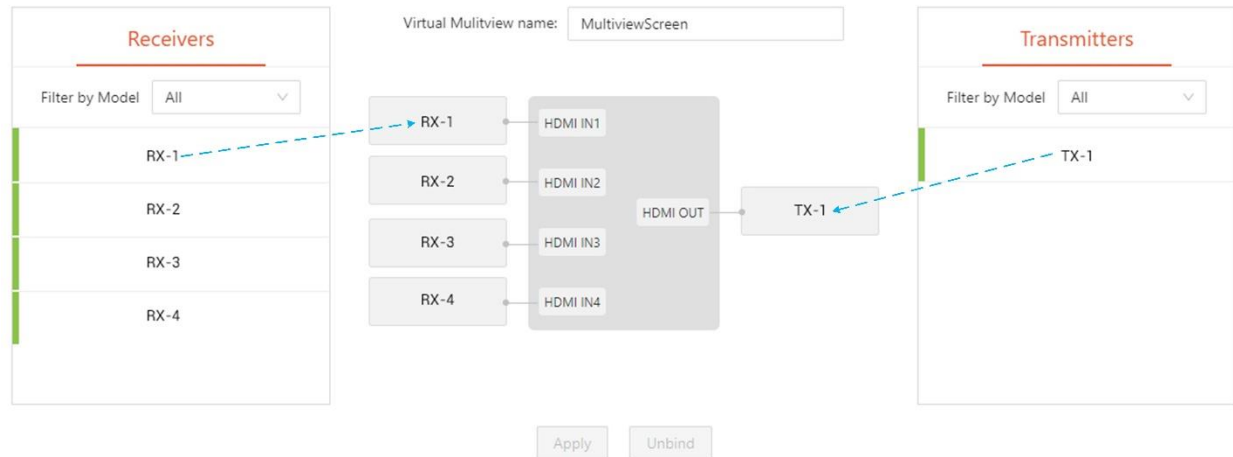
Cancel Apply

4. The next step is to "bind" decoders and an encoder to the inputs and output of the switcher. To do this click the **"bind"** button.

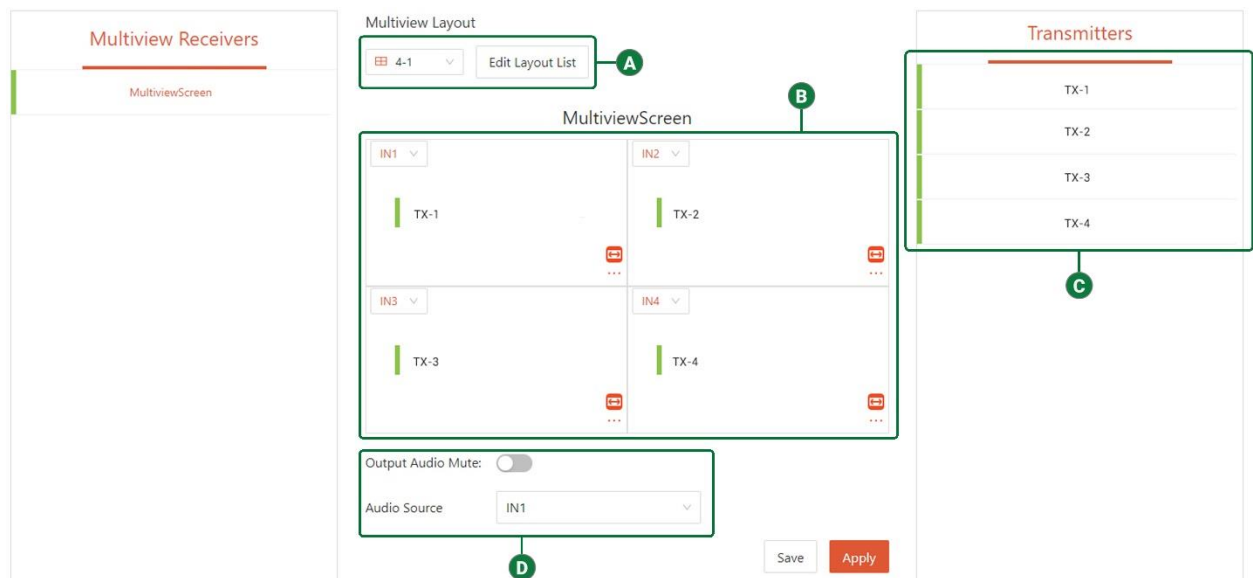
Click to bind



- From the Receivers section, click and drag decoders to the appropriate HDMI inputs on the switcher. Ensure the logical connection matches the physical connection.
- (Optional) Click and drag an encoder to the HDMI output of the switcher. If the output of the switcher will connect directly to a display this is not necessary. However, if you wish to have the multiview output from the switcher feed back into a NetworkHD encoder to be distributed to any display this is necessary.
- Once binding is complete, click the Apply button.



- Next, navigate to the Multiview tab of the NHD-CTL-PRO. The NHD-0401-MV will appear in the Multiview Receivers section.



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| A | Active Layout | Select the drop-down menu to select a multiview layout to configure |
| B | Multiview Switching | Drag and drop transmitters to assign video to multiview windows |
| C | Encoders | Available NetworkHD encoders that can be assigned to a window |
| D | Audio Settings | Selects the active audio output for the selected layout or mutes audio |

Configuring as Standalone

To configure the NHD-0401-MV as a standalone multiview switcher, log into its web interface by typing its IP address into a web browser. By default, the switcher is set to DHCP. In the absence of a DHCP server it will revert to an AutoIP range of 169.254/16. The default username and password are both **admin**.

The screenshot displays the web interface for the NHD-0401-MV multiview switcher. It features a top section with five layout thumbnails: 'Original' (a single box A), 'Dual View' (two boxes A and B side-by-side), 'PiP' (box A with a small box B in the corner), 'Master' (box A with three smaller boxes B, C, and D stacked vertically), and 'Quad' (four boxes labeled A:1, B:2, C:3, and D:4 in a 2x2 grid). Below these is a 'Source:' section with four dropdown menus for A, B, C, and D, each with 'Input 1' through 'Input 4' as options. To the right is an 'Image Stretch:' section with four input pairs (Input 1-4), each having 'Normal' and 'Full' stretch options. At the bottom left is an 'Audio:' dropdown set to 'Window A'. At the bottom right is a 'PiP Settings' section with a 'PiP Position:' dropdown set to 'Bottom Right' and a 'PiP Size:' dropdown set to '1/4'. Green callout letters A through E point to the layout thumbnails, the source dropdowns, the image stretch section, the PiP settings, and the audio dropdown, respectively.

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|----------|-----------------------|---|
| A | Active Layout | Click to select the active multiview layout |
| B | Window Input | A, B, C, D refers to window locations. Select which HDMI input is assigned to each window |
| C | Image Settings | Choose to maintain source aspect ratio or fill the multiview window |
| D | PiP Settings | Chooses the location and size of the picture-in-picture window in the PiP layout |
| E | Audio Input | Chooses the active audio input for a layout. |