

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.

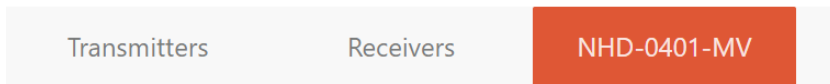
Configuring for NetworkHD

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

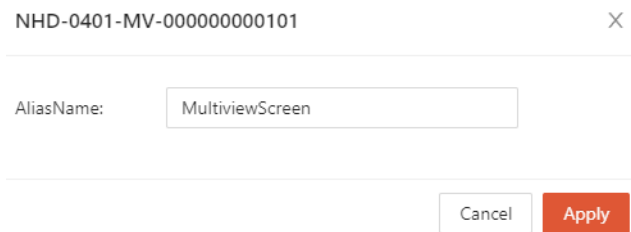
- A configured network switch(es)
- NetworkHD 400 or 500 series components
- NHD-CTL-PRO (NHD-000-CTL is not supported)

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.

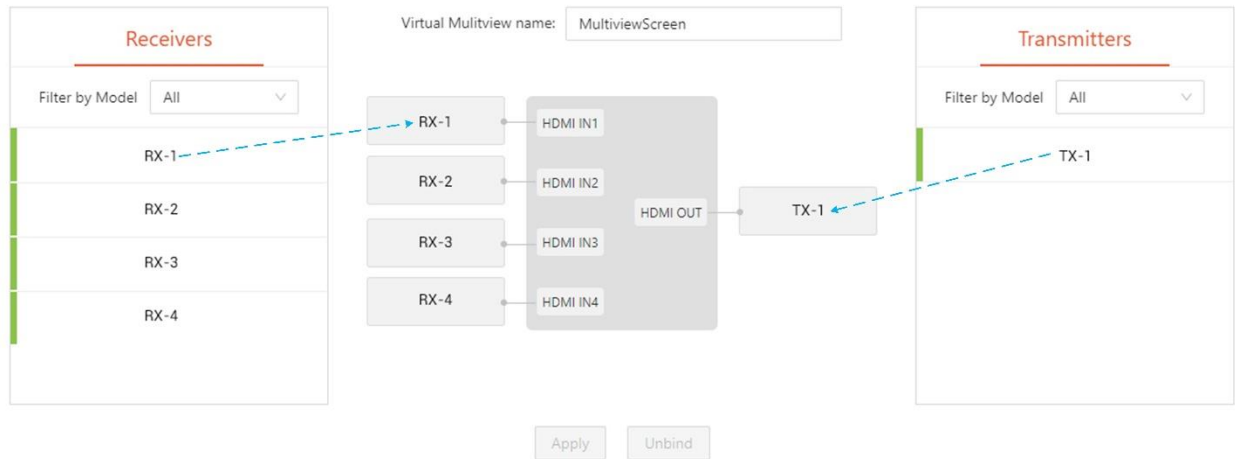


4. The next step is to "bind" decoders and an encoder to the inputs and output of the switcher. To do this click the **"bind"** button.

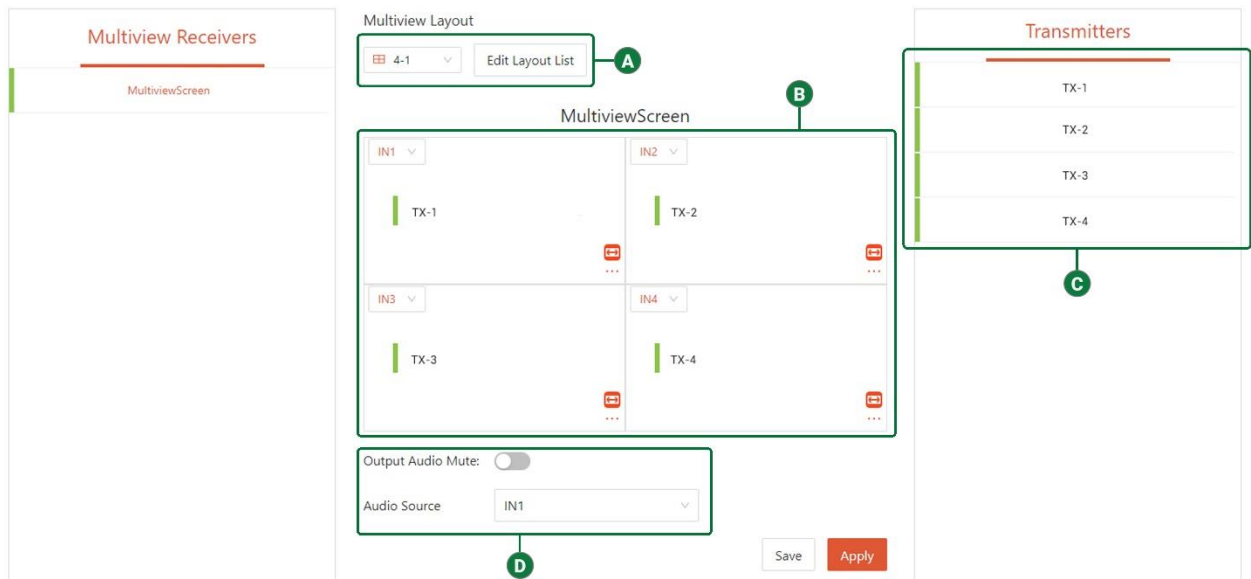
Click to bind



- 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 configuring the NHD-0401-MV as a standalone multiview switcher. It is divided into two main sections: layout selection and configuration settings.

Layout Selection (Section A): This section shows five different multiview layouts:

- Original:** A single large window labeled 'A'.
- Dual View:** Two windows labeled 'A' and 'B' side-by-side.
- PIP:** A large window labeled 'A' with a smaller window labeled 'B' in the bottom right corner.
- Master:** A large window labeled 'A' with three smaller windows labeled 'B', 'C', and 'D' stacked vertically on the right side.
- Quad:** Four windows labeled 'A:1', 'B:2', 'C:3', and 'D:4' in a 2x2 grid.

Configuration Settings (Section B): This section contains several control panels:

- Source:** Four dropdown menus labeled A, B, C, and D, each with 'Input 1' through 'Input 4' as options.
- Image Stretch:** Four pairs of radio buttons labeled Input 1 through Input 4, with 'Normal' and 'Full' as options.
- Audio:** A dropdown menu labeled 'Audio' with 'Window A' as the selected option.
- PIP Settings:** Two dropdown menus labeled 'PIP Position' (with 'Bottom Right' selected) and 'PIP Size' (with '1/4' selected).

Green callout boxes labeled A through E point to the layout selection area, the source and image stretch settings, the audio setting, and the PIP settings respectively.

- 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.