

IP/SERIAL DRIVER FOR ATLONA AT-H2H-HDR-44MA AND AT-H2H-HDR-88MA

This driver allows you to control an Atlona HDMI AT-H2H-HDR-44MA or 88MA 4K Matrix Switcher (4x4 or 8x8) from Control4.

The AT-H2H-HDR-44MA and AT-H2H-HDR-88MA matrix switchers have a separate set of analog audio outputs which carry de-embedded audio from the corresponding input HDMI source. Commands are available to mute/unmute these audio outputs.

INSTALLATION INSTRUCTIONS

- Ensure the Atlona Switcher firmware is at the most recent level.
- You should set the Atlona Switcher to a static IP address or ensure it always receives the same IP address from the DHCP server via a MAC-based reservation.
- When using Serial control (by itself or as a backup to IP control), make the appropriate Serial Switch Control connection. If both IP and Serial are connected and IP fails, the driver will use Serial and revert back to IP when restored. For Serial control, the driver only supports the baud rate of 115200. Make sure your matrix baud rate is set to match.
- Connect the HDMI Inputs, the HDMI Outputs and optionally the Analog Outputs as appropriate.
- Adjust the 'Power Off when Unused' and 'On Room Off' properties as required. See below for descriptions.

PROPERTIES

Driver Version shows the version of this driver.

Driver Information shows various status messages about the driver.

Debug Mode turns Debug Mode On or Off (with output to the Lua Output window).

Debug Duration in Minutes sets the duration of Debug On.

Switcher Available via IP shows if the Matrix Switcher is connected to the driver using IP.

Switcher Model shows the model of the actual device connected to the driver.

Power Off when Unused determines what the Switcher will do when Control4 determines that none of its outputs are in use. When set to Yes, the driver will power the Switcher Off when all its

Rooms are Off. When powering back On, the driver will insert a 20-second delay before sending a switching command.

On Room Off allows you to specify if the driver performs a special operation when a room is turned Off. Other than 'Do nothing', you may select 'Disable HDMI Output'. NOTE: Disabling the HDMI output could cause EDID issues with some displays.

USAGE NOTES

- Use the programming command 'Set to Specific Input' to change HDMI input and the command 'Turn Output On or Off' to enable or disable a specific HDMI output.
- The programming command 'Set Mute' relates only to the de-embedded Analog Audio Outputs.
- The programming commands 'Power On', 'Power Off', 'Lock Panel' and 'Unlock Panel' are self-explanatory.
- The programming command 'Trigger CEC' allows you to send a supported CEC command to a specific HDMI output.
- The programming command 'Recall Saved IO Memory' recalls saved I/O route settings for the chosen preset number.
- The programming command 'Set Input EDID' sets the EDID of an input to default, internal, or a previously saved EDID.
- The H2H Matrix Switch is intended to feed audio to an amplifier or a receiver. You may experience switching issues if you feed the Audio outputs to another audio matrix switch.

SUPPORT

For support on this driver please go to <http://www.atlona.com/product-support/>. If required, give a detailed description of the problem and also include the version number of the driver and the version of Control4 OS that you are using.

CHANGELOG

V1 July 1, 2018	Initial Release
2.0.0 April 24, 2019	Enhanced IP/Serial capabilities, added commands

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