



MX# #-SUHD

MX# #-AUHD

# Video and Audio Matrices

Control4 Driver User Guide

Driver developed by



## Introduction

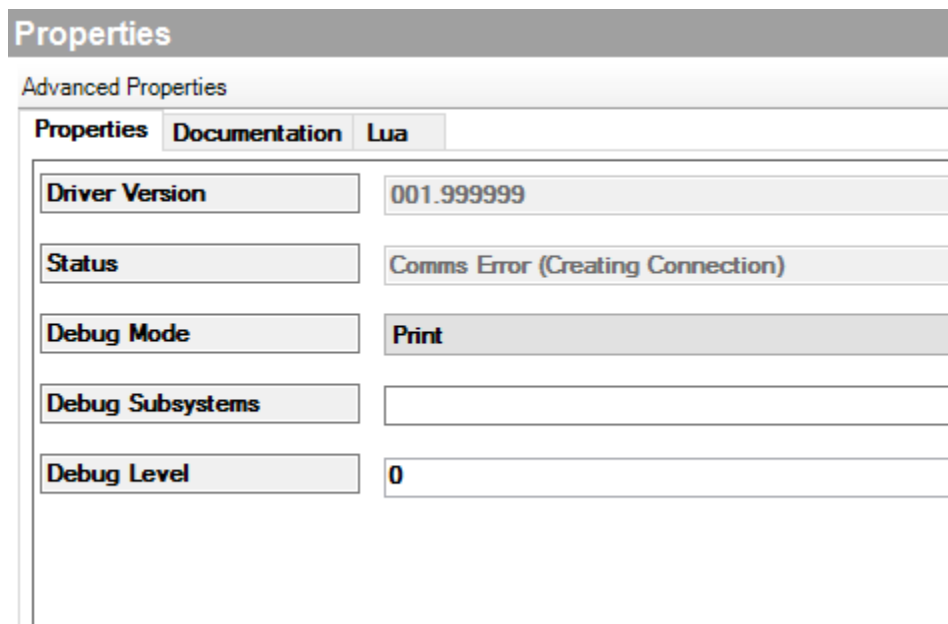
This driver has been designed to provide two-way control of the AVProConnect range of audio and video matrices, via RS232 or TCP/IP.

## Driver Installation & Configuration

Copy the .c4i file from the zip package to your Control4 driver folder location (e.g. *My Documents\Control4\Drivers*) and then open Composer. The driver can be found under:

**Device Type:** A/V Switch  
**Manufacturer:** AVProConnect  
**Model:** AVProConnect MX##

The driver features a number of properties that report status or control configuration:



Properties	
Advanced Properties	
<div> <div>Properties</div> <div>Documentation</div> <div>Lua</div> </div>	
Driver Version	001.999999
Status	Comms Error (Creating Connection)
Debug Mode	Print
Debug Subsystems	
Debug Level	0

Figure 1: Driver Properties

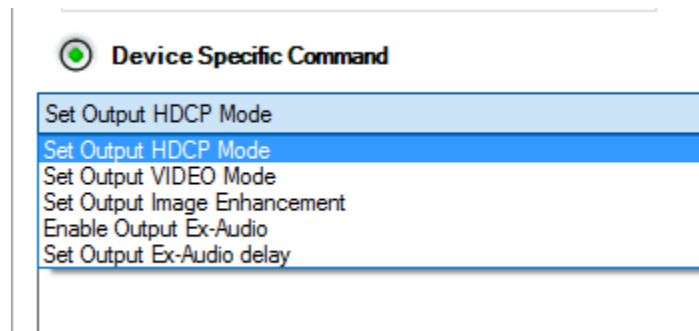
Property	Description
Driver version	The release version of the driver
Status	The current status of the connection with the matrix
Debug Mode	Support Use Only

Debug Subsystems	Support Use Only
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**Table1: Driver Properties**

## Driver Commands

In addition to two-way input/output switching, the driver supports a number of additional commands. Choose **Programming** and select the matrix switcher in the **Actions** window; scroll down and check the **Device Specific Command** radio button.



**Figure 2: Device Specific Commands**

Command	Description
Set Output HDCP Mode	Set output HDCP mode (Auto, Bypass, Disable, HDCP 1.4, HDCP 2.2)
Set Output Video Mode	Set output video mode (Auto, Bypass, 4K->2K, 2K->4K, HDBT C Mode)
Set Output Image Enhancement	Set output image enhancement (Off, Weak, Medium, Strong)
Enable Output Ex-Audio	Enable / Disable Ex-Audio output
Set Output Ex-Audio Delay	Set output audio delay (Bypass, 90-630ms)

**Table2: Device Specific Commands**

## MX42AUHD Audio control

The External audio output can switch to either be bound to Output 1 or Output 2. This is achieved with the use of the device specific command "Set Ex-Audio Output bind to Output"