



VANCO EVSW1042

AMX Module User Guide





Introduction

This driver has been designed to provide one-way control of a Vanco 4K HDMI® Switch with ARC and HDR via RS232.

EVSW1042 Configuration

It is recommended that the Vanco system be installed, configured and tested by a suitably qualified engineer, according to Vanco documentation, prior to integration with AMX.

Module Installation & Configuration

Four Vanco driver files are included with the zip package. Extract the

Vanco_EVSW1042.tko

driver and add it to your project. Next, add a `define_module` line to your master source file, similar to the following:

```
define_module 'Vanco_Vanco_EVSW1042 (vdvModule_EVSW1042,  
dvVanco_SERIAL_19200);
```

Configuring Module Parameters

The following parameters are defined in the module:

Parameter	Description
<code>vdvModule_EVSW1042</code>	Virtual device for the matrix
<code>dvVanco_SERIAL_19200</code>	Serial port device

Table 1: Module Parameters

Module Commands

For a complete example of the usage of this module, see the accompanying demonstration project included in the zip package. The module supports the following commands, sent using **send_command** e.g.

```
SEND_COMMAND vdvModule_EVSW1061,"'SELECT_INPUT_1;'"
```

Command	Description
SELECT_INPUT_1; SELECT_INPUT_2; SELECT_INPUT_3; SELECT_INPUT_4;	Set HDMI input port
SWITCH_AUDIO_AUTO; SWITCH_STEREO_AUDIO_2_0; SWITCH_DOLBY_DTS_5_1; SWITCH_HD_AUDIO_7_1;	Set audio format
AUTO_TOGGLE;	Toggle between smart and manual input switching
ARC_TOGGLE;	Toggle between ARC (Audio Return Channel) and CEC (Consumer Electronic Control) functionality

Table 2: Module Commands

Module Feedback

The module is a one-way driver and does not provide any feedback.