

ANALOG WAY ALTA 4K

Module: AUX

Crestron 3-series & 4-series & VC-4

Date: **December 2022**
Driver version: **V1.0.0**
Compatible with: **Alta 4K Firmware v1.0.0 or above**

GENERAL

This module provides information about the auxiliary outputs of the Alta 4K video processor as well as some commands to change auxiliary output source content and trigger transitions.

Note: When Preset Toggle is enabled for an AUX output, the source in Program replaces the source in Preview during a Take or Take Cut (“swap” effect). If Preset Toggle is disabled, the source in Preview is copied to Program and remains in Preview during a Take or Take Cut.

AUX SOURCES

| | |
|-------------------|------------|
| None | 0 |
| Inputs | [1, 16] |
| Screens (Program) | [301..304] |

AUDIO SOURCES

| | |
|------------------------------------|--------------|
| None | 0 |
| De-embedded audio from live inputs | [1 .. 16] |
| Dante 8ch audio groups | [101..104] |
| Analog audio inputs | [201..202] |
| Follow layer | [1001..1008] |
| Follow audio layer | 2000 |

CONTROL

Parameters

| | | |
|---------|------------|-----------------------------|
| AuxName | Param List | Auxiliary output identifier |
|---------|------------|-----------------------------|

General

| | | |
|-------------------------------|-------------|---|
| Aux_RefreshInfos | Digital_in | Pulse this signal to force the download and processing of information from the Alta 4K video processor. Most of the time, this signal is never used |
| Aux_Take_Cmd | Digital_in | Pulse this signal to trigger a "TAKE" transition |
| Aux_Cut_Cmd | Digital_in | Pulse this signal to trigger a "CUT" transition |
| Aux_Take_EnableToggleMode_CMD | Digital_in | Enable or disable Preset Toggle for the AUX output |
| Aux_Is_Available_FB | Digital_out | Equals 1 when the AUX output is available |
| Aux_Take_FB | Digital_out | Equals 1 when a transition is in progress |
| Aux_Take_ToggleModeEnabled_FB | Digital_out | Equals 1 when Preset Toggle is enabled |
| Aux_AuxLabel_Txt[1] | String_out | The AUX output label |

Preview

| | | |
|--------------------|-----------|---|
| Aux_PrivSource_Cmd | Analog_in | The source to be assigned to the AUX output (Preview) |
| Aux_PrivSource_FB | Analog_in | The source assigned to the AUX output (Preview) |

Program

| | | |
|-------------------|-----------|---|
| Aux_PrgSource_Cmd | Analog_in | The source to be assigned to the AUX output (Program) |
| Aux_PrgSource_FB | Analog_in | The source assigned to the AUX output (Program) |

Audio

| | | |
|-----------------------|------------|---|
| Aux_Audio_Cmd | Analog_in | Defines the AUX output audio source |
| Aux_Audio_FB | Analog_out | The AUX output audio source |
| Aux_Audio_Preview_CMD | Analog_in | The source to be assigned to the AUX output audio layer (Preview) |
| Aux_Audio_Program_CMD | Analog_in | The source to be assigned to the AUX output audio layer (Program) |

| | | |
|----------------------|------------|---|
| Aux_Audio_Preview_FB | Analog_out | The source assigned to the AUX output audio layer (Preview) |
| Aux_Audio_Program_FB | Analog_out | The source assigned to the AUX output audio layer (Program) |