

ANALOG WAY ALTA 4K

Module: AUX

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

Date: September 2025
Driver version: V1.0.3
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
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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)