

# ANALOG WAY MIDRA™ 4K

## Module: AUX

### Crestron 3-series & 4-series

Date: **November 11th 2021**  
Driver version: **V1.2.0**  
Compatible with: **Midra™ 4K Firmware v1.1.9 or above**

## GENERAL

This module provides information about the auxiliary outputs of the Midra 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, 10]
Screens (Program)	[301..304]

## AUDIO SOURCES

None	0
De-embedded audio from live inputs	[1 .. 10]
Dante 8ch audio groups	[101..104]
Analog audio inputs	[201..202]
Follow layer	[1001..1004]
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 Midra 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)