

ANALOG WAY LIVEPREMIER™

Module: AUDIO

Crestron 3-series & 4-series

Date: **March 22nd 2021**
Driver version: **V2.0.0**
Compatible with: **LivePremier™ Firmware V2.0.231 or above**

GENERAL

This module reads LivePremier™ audio status and provides audio routing as well as audio mute commands.

SOURCES

Audio channels embedded in live sources and Dante audio channels are grouped into units of 8 channels. Each group of 8 channels will provide the same commands and feedbacks.

AUDIO_SOURCES	[1, 192] audio channels (24 inputs of 8 channels)
DANTE_SOURCES	[193, 256] Dante audio channels (8 inputs of 8 channels)

Control

Audio_RefreshInfos	Digital_in	Pulse this signal to force information retrieval. Most of the time this signal is never use
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Inputs [Gr01, Gr24]

GrXX_In_MuteOn_Cmd[Y]	Digital_in	Pulse this signal to mute channel Y (input XX)
GrXX_In_MuteOff_Cmd[Y]	Digital_in	Pulse this signal to unmute channel Y (input XX)
GrXX_InAudioDetected_FB[Y]	Digital_out	Equals 1 when audio is detected on channel Y (input XX)
GrXX_InMutelsOn_FB[Y]	Digital_out	Equals 1 when audio is muted on channel Y (input XX)

Dante inputs [Gr01, Gr08]

GrXX_DanteIn_MuteOn_Cmd[Y]	Digital_in	Pulse this signal to mute channel Y (Dante input XX)
GrXX_DanteIn_MuteOff_Cmd[Y]	Digital_in	Pulse this signal to unmute a channel (Dante input XX)
GrXX_DanteInAudioDetected_FB[Y]	Digital_out	Equals 1 when audio is detected on channel Y (Dante input XX)
GrXX_DanteInMutelsOn_FB[Y]	Digital_out	Equals 1 when audio is muted on channel Y (Dante input XX)

Outputs [Gr01, Gr20]

See audio and Dante audio source values for audio routing and feedbacks.

GrXX_OutSrc_Cmd[Y]	Analog_in	The value of the input audio channel to assign to channel Y (output XX)
GrXX_OutMuteOn_FB[Y]	Digital_in	Pulse this signal to mute channel Y (output XX)
GrXX_OutMuteOff_FB[Y]	Digital_out	Pulse this signal to unmute channel Y (output XX)
GrXX_OutSrc_FB[Y]	Analog_out	Input audio channel associated to channel Y (output XX)
GrXX_OutAudioDetected_FB[Y]	Digital_out	Equals 1 when audio has been detected on channel Y (output XX)
GrXX_OutMutelsOn_FB[y]	Digital_out	Equals 1 when channel Y is muted (output XX)

DanteOutputs [Gr01, Gr08]

See audio and Dante audio source values for audio routing and feedbacks.

GrXX_DanteOutSrc_Cmd[Y]	Analog_in	The value of the audio channel to assign to channel Y (Dante output XX)
GrXX_DanteOutMuteOn_FB[Y]	Digital_in	Pulse this signal to mute channel Y (Dante output XX)
GrXX_DanteOutMuteOff_FB[Y]	Digital_out	Pulse this signal to unmute channel Y (Dante output XX)
GrXX_DanteOutSrc_FB[Y]	Analog_out	Input audio channel associated to channel Y (Dante output XX)
GrXX_DanteOutAudioDetected_FB[Y]	Digital_out	Equals 1 when audio has been detected on channel Y output (Dante output XX)
GrXX_DanteOutMutelsOn_FB[y]	Digital_out	Equals 1 when channel Y is muted (Dante output XX)