Sennheiser MobileConnect

CRESTRON Module Help

This document provides help for the MobileConnect Interface module. For more about MobileConnect see https://docs.sennheiser-connect.com.

SENNHEISER MOBILECONNECT V1.1.0 MODULE HELP

Module name	SennheiserMobileConnect v1.1.0.umc, SennheiserMobileConnect_Manager_v1.1.0.usp, MobileConnect.clz
Version	1.1.0
Description	This document defines the common Crestron module interface for the Sennheiser Mobile Connect system. It supports MobileConnect API v2.0 and v2.1.
Maintainer	Sennheiser Streaming Technologies GmbH
Parameters	**IP_Hostname, Serial** IP address or hostname of the MobileConnect end point. This is the MobileConnect Manager URL in Manager mode or the Station's Ctrl interface IP address in Standalone mode. Please use in both cases the **[https://]** prefix. For more see https://docs.sennheiser-connect.com. **API_Token, Serial** API Token created in the MobileConnect Manager interface (Manager mode) or Station local admin interface (Standalone mode) to give access rights to a user. **API_Version, Serial** API version of command set to use. Notice, using an older version may create issues with some commands internally. This module supports MobileConnect API versions 2.0 and 2.1.
Inputs	**Poll, Digital**

Pulse to update the Station List. If a Station is already selected, will also update Channel List. If a channel is already selected will also update Channel Details

Station List

Get_Station_List, Digital
Pulse to retrieve or update the list of available Stations on the MobileConnect Manager.

Select_Station[X], Digital
Pulse to select specified Station from list.

Channel List

Select_Channel[X], Digital
Pulse to select specified channel from list.

Channel Details

Change_Channel_Name, Digital
Pulse to change the channel name.

Channel_New_Name, Serial
Text field used when changing the name of the channel.

Channel_Enabled, Digital
Pulse to Enable/Disable the channel.

Channel_Hidden, Digital
Pulse to Show/Hide the channel.

Channel_Mic_Muted, Digital
Pulse to Mute/Unmute the mic.

Channel_PinSecure, Digital
Pulse to Enable/Disable the PIN code for the channel.

Re-Generate_Channel_Access, Digital
Pulse to Re-Generate the channel access details, Pin code and QR code picture.

Change_Channel_Pin, Digital
Pulse to change the PIN code.

Channel_New_Pincode, Serial
Text field used when changing the PIN code of the channel.

Error

Hide_Error_Popup, Digital
Pulse to dismiss the Error Popup.

Outputs	*****Station List*****
	Number_Of_Stations, Analog Displays the total number of Stations retrieved.
	Select_Station_Fb[X], Digital

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Will go high when specified Station is selected from list.

Station_Name[X], Serial
Displays a list of stations names.

Channel List

Number_Of_Channels, Analog
Displays the total number of channels retrieved.

Select_Channel_Fb[X], Digital
Will go high when specified channel is selected from list.

Channel_Name[X], Serial
Displays a list of channel names.

Channel Details

Active_Channel, Analog
Displays the currently selected channel number.

Channel_Name, Serial
Displays the active channel name in serial form.

Channel_ID, Serial
Displays the active channel ID in serial form.

Channel_Enabled_Show, Digital
Will go High if supported by the selected API Version.

Channel_Enabled_Fb, Digital
Will go High if the channel is enabled.

Channel_Hidden_Show, Digital
Will go High if supported by the selected API Version.

Channel_Hidden_Fb, Digital
Will go High if the channel is hidden.

Channel_StreamAvailable_Show, Digital
Will go High if supported by the selected API Version.

Channel_StreamAvailable_Fb, Digital
Will go High if the channel has a stream available.

Channel_Mic_Enabled_Show, Digital
Will go High if supported by the selected API Version.

Channel_Mic_Enabled_Fb, Digital
Will go High if the channel mic is enabled.

Channel_Mic_Muted_Show, Digital
Will go High if supported by the selected API Version.

Channel_Mic_Muted_Fb, Digital
Will go High if the channels mic is muted.

Channel_PinSecure_Show, Digital
Will go High if supported by the selected API Version.

Channel_PinSecure_Fb, Digital
Will go High if the channels PIN code is enabled.

Channel_Pincode, Serial

	Displays the active channel PIN code in serial form.
	Channel_QR_Code, Serial Displays a link to the html folder on the processor hosting the image of the QR Code.
	Error
	Show_Error_Popup, Digital Will go High if there is an error to display.
	Error, Serial Active received error from system.

Version History	Version	Date	Remarks
	1.0.0	220204	Initial module for MobileConnect API v2.0
	1.1.0	220204	Module for MobileConnect API v2.1 and v2.0
Advisories/remarks			
Dependencies	MobileConnect.clz		
Processor support	2-Series, not currently supported. 3-Series, support. 4-Series, support.		