

SENNHEISER MOBILE CONNECT

MODULE HELP FILE

Sennheiser Streaming Technologies GmbH, AV clients (Crestron)



SENNHEISER MOBILECONNECT V2_2_0 MODULE HELP

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| Module name | <i>SennheiserMobileConnect v2_2_0.umc, SennheiserMobileConnect2.2.0.usp, MobileConnect.clz</i> |
| Version | 2.2.0 |
| Description | This document defines the common Crestron module interface for the Sennheiser Mobile Connectunits. |
| Maintainer | Sennheiser |
| Parameters | <i>IP_Hostname, Serial</i> <i>IP address or hostname of the cloud service being used to host the devices.</i> <i>API_Token, Serial</i> <i>API Token created in cloud software to give access rights to a user.</i> <i>API_Version, Serial</i> <i>API version of command set to use. Notice, using an older version may create issues with some commands internally</i> <i>Integration_Mode, Integer</i> <i>0 for a Standalone system, 1 for a Managed system.</i> <i>Authentication, Serial</i> <i>SSL on or off for the crestron processor.</i> <i>Username, Serial</i> <i>Username for the Crestron processor/VC4</i> <i>Password, Serial</i> <i>Password for the Crestron processor/VC4</i> <i>QRCodeId, Serial</i> <i>ID for the folder that will be created to house the QR Code image.</i> <i>VC4_RoomID, Serial</i> |

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| | <p>ID for the room created in VC4.If not using VC4 use 2 double quotes "".</p> |
| Inputs | <p>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</p> <p>***Station List*** Get_Station_List, Digital Pulse to retrieve or update the list of available stations on the manager.</p> <p>Select_Station[X], Digital Pulse to select specified Station from list.</p> <p>Set_Station, Serial Text field used to directly select a station.</p> <p>***Channel List*** Select_Channel[X], Digital Pulse to select specified Channel from list.</p> <p>Set_Channel, Serial Text field used to directly select a channel.</p> <p>***Channel Details*** Change_Channel_Name, Digital Pulse to change the channel name.</p> <p>Channel_New_Name, Serial Text field used when changing the Name of the channel.</p> <p>Channel_Enabled, Digital Pulse to Enable/Disable the channel.</p> <p>Channel_Hidden, Digital Pulse to Show/Hide the channel.</p> <p>Channel_Mic_Muted, Digital Pulse to Mute/Unmute the mic.</p> <p>Speaker_Queue_Enable, Digital Pulse to Enable/Disable the mic queue.</p> <p>Speaker_Queue_Next, Digital Pulse to move the the next mic in the queue.</p> <p>Speaker_Queue_Clear, Digital Pulse to clear the mic queue.</p> <p>Channel_PinSecure, Digital Pulse to Enable/Disable the Pin code for the channel.</p> <p>Re-Generate_Channel_Access, Digital Pulse to Re-Generate the channel access details, PinCode and QR picture.</p> <p>Change_Channel_Pin, Digital Pulse to change the pincode.</p> <p>Channel_New_Pincode, Serial Text field used when changing the PinCode of the channel.</p> <p>***Error*** Hide_Error_Popup, Digital Pulse to dismiss the Error Popup.</p> |
| Outputs | <p>***Station List*** Number_Of_Stations, Analog</p> |

Displays the total number of stations retrieved.

Select_Station_Fb[X], Digital

Will go high when specified Station is selected from list.

Station_Name[X], Serial

Displays a list of stations names.

*****ChannelList*****

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.

Speaker_Queue_Show, Digital

Will go High if supported by the selected API Version.

Speaker_Queue_Enable_Fb, Digital

Will go High if the speaker queue is enabled.

Audience_Mic_Speaker_Queue, Analog

Shows the current number of speakers in the queue.

Channel_PinSecure_Show, Digital

Will go High if supported by the selected API Version.

Channel_PinSecure_Fb, Digital

Will go High if the channels pincode is enabled.

Channel_Pincode, Serial

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| | <p><i>Displays the active channelPincode in serial form.</i></p> <p>Channel_QR_Code, Serial <i>Displays a link to the html folder on the processor hosting the image of the QR Code.</i></p> <p>***Error*** Show_Error_Popup, Digital <i>Will go High if there is an error to display.</i></p> <p>Error, Serial <i>Active received error from system.</i></p> |
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| Version History | Version | Date | Remarks |
| | 1.00.00 | 211214 | Initial structure. |
| | 1.00.01 | 211217 | Added Error code output |
| | 2.00.00 | 240222 | Added logic for speaker queue and extra logic based on API version number and integration mode. |
| | 2.01.00 | 240808 | Added strings for direct Station and Channel select |
| | 2.02.00 | 250314 | Added ability to use on VC4 system |
| Advisories/ remarks | | | |
| Dependencies | MobileConnect.clz | | |
| Processor support | 2-Series, not currently supported. 3-Series, support. 4-Series, support. VC4 support. | | |