

SENNHEISER MOBILE CONNECT  
**MODULE HELP FILE**

Sennheiser Streaming Technologies GmbH, AV clients (Crestron)



**SENNHEISER MOBILECONNECT V2\_1\_0 MODULE HELP**

Module name	<i>SennheiserMobileConnect v2_1_0.umc, SennheiserMobileConnect2.1.0.usp, MobileConnect.clz</i>
Version	<i>2.1.0</i>
Description	This document defines the common Crestron module interface for the Sennheiser Mobile Connectunits.
Maintainer	Sennheiser
Parameters	<p><b>IP_Hostname, Serial</b>  <i>IP address or hostname of the cloud service being used to host the devices.</i></p> <p><b>API-Token, Serial</b>  <i>API Token created in cloud software to give access rights to a user.</i></p> <p><b>API-Version, Serial</b>  <i>API version of command set to use. <b>Notice, using an older version may create issues with some commands internally</b></i></p> <p><b>Integration_Mode, Integer</b>  <i>0 for a Standalone system, 1 for a Managed system.</i></p> <p><b>Authentication, Serial</b>  <i>SSL on or off for the crestron processor.</i></p> <p><b>Username, Serial</b>  <i>Username for the Crestron processor</i></p> <p><b>Password, Serial</b>  <i>Password for the Crestron processor</i></p> <p><b>QRCodeId, Serial</b>  <i>ID for the folder that will be created to house the QR Code image.</i></p>
Inputs	<b>Poll, Digital</b>

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 manager.

**Select\_Station[X], Digital**

Pulse to select specified Station from list.

**Set\_Station, Serial**

Text field used to directly select a station.

**\*\*\*Channel List\*\*\***

**Select\_Channel[X], Digital**

Pulse to select specified Channel from list.

**Set\_Channel, Serial**

Text field used to directly select a channel.

**\*\*\*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.

**Speaker\_Queue\_Enable, Digital**

Pulse to Enable/Disable the mic queue.

**Speaker\_Queue\_Next, Digital**

Pulse to move the the next mic in the queue.

**Speaker\_Queue\_Clear, Digital**

Pulse to clear the mic queue.

**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, PinCode and QR picture.

**Change\_Channel\_Pin, Digital**

Pulse to change the pincode.

**Channel\_New\_Pincode, Serial**

Text field used when changing the PinCode 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**

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**

Displays the active channel Pincode 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\*\*\***

	<p><b>Show_Error_Popup, Digital</b>  <i>Will go High if there is an error to display.</i></p> <p><b>Error, Serial</b>  <i>Active received error from system.</i></p>
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Version History	<b>Version</b>	<b>Date</b>	<b>Remarks</b>
	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
Advisories/ remarks			
Dependencies	<i>MobileConnect.clz</i>		
Processor support	<p><i>2-Series, not currently supported.</i></p> <p><i>3-Series, support.</i></p> <p><i>4-Series, support.</i></p>		