

SENNHEISER MOBILE CONNECT  
**MODULE HELP FILE**

Sennheiser Streaming Technologies GmbH, AV clients (Crestron)



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

Module name	<i>SennheiserMobileConnect v2_0_0.umc, SennheiserMobileConnect2.0.0.usp, MobileConnect.clz</i>
Version	2.00
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.

**\*\*\*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.

**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\*\*\***

**Show\_Error\_Popup, Digital**

Will go High if there is an error to display.

**Error, Serial**

Active received error from system.

--	--

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.
Advisories/ remarks			
Dependencies	<i>MobileConnect.clz</i>		
Processor support	<i>2-Series, not currently supported.</i> <i>3-Series, support.</i> <i>4-Series, support.</i>		