



Sennheiser MobileConnect

## CRESTRON Module Help

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



### SENNHEISER MOBILECONNECT INTERFACE V1.0.3a MODULE HELP

Module name	SennheiserMobileConnect v1.0.3a.umc, MobileConnect_Manager v1.0.3a.usp, MobileConnect.clz
Version	1.0.0
Description	This document defines the common Crestron module interface for the Sennheiser Mobile Connect system. It supports MobileConnect API v2.0.
Maintainer	Sennheiser Streaming Technologies GmbH
Parameters	<p><b>IP_Hostname, Serial</b> 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. For more see <a href="https://docs.sennheiser-connect.com">https://docs.sennheiser-connect.com</a>.</p> <p><b>API-Token, Serial</b> API Token created in the MobileConnect Manager interface (Manager mode) or Station local admin interface (Standalone mode) to give access rights to a user.</p> <p><b>API_Version, Serial</b> API version of command set to use. Notice, using an older version may create issues with some commands internally. This module supports MobileConnect API version 2.0.</p>
Inputs	<p><b>Poll, Digital</b> Pulse to update the Station List. If a Station is already selected, will also update Channel List. If a</p>



	<p>channel is already selected will also update Channel Details</p> <p><b>***Station List***</b></p> <p><b>Get_Station_List, Digital</b> Pulse to retrieve or update the list of available Stations on the MobileConnect Manager.</p> <p><b>Select_Station[X], Digital</b> Pulse to select specified Station from list.</p> <p><b>***Channel List***</b></p> <p><b>Select_Channel[X], Digital</b> Pulse to select specified channel from list.</p> <p><b>***Channel Details***</b></p> <p><b>Change_Channel_Name, Digital</b> Pulse to change the channel name.</p> <p><b>Channel_New_Name, Serial</b> Text field used when changing the name of the channel.</p> <p><b>Channel_Enabled, Digital</b> Pulse to Enable/Disable the channel.</p> <p><b>Channel_Hidden, Digital</b> Pulse to Show/Hide the channel.</p> <p><b>Channel_PinSecure, Digital</b> Pulse to Enable/Disable the PIN code for the channel.</p> <p><b>Re-Generate_Channel_Access, Digital</b> Pulse to Re-Generate the channel access details, Pin code and QR code picture.</p> <p><b>Change_Channel_Pin, Digital</b> Pulse to change the PIN code.</p> <p><b>Channel_New_Pincode, Serial</b> Text field used when changing the PIN code of the channel.</p> <p><b>***Error***</b></p> <p><b>Hide_Error_Popup, Digital</b> Pulse to dismiss the Error Popup.</p>
Outputs	<p><b>***Station List***</b></p> <p><b>Number_Of_Stations, Analog</b> Displays the total number of Stations retrieved.</p> <p><b>Select_Station_Fb[X], Digital</b> Will go high when specified Station is selected from list.</p>



	<p><b>Station_Name[X], Serial</b> Displays a list of stations names.</p> <p><b>***Channel List***</b></p> <p><b>Number_Of_Channels, Analog</b> Displays the total number of channels retrieved.</p> <p><b>Select_Channel_Fb[X], Digital</b> Will go high when specified channel is selected from list.</p> <p><b>Channel_Name[X], Serial</b> Displays a list of channel names.</p> <p><b>***Channel Details***</b></p> <p><b>Active_Channel, Analog</b> Displays the currently selected channel number.</p> <p><b>Channel_Name, Serial</b> Displays the active channel name in serial form.</p> <p><b>Channel_ID, Serial</b> Displays the active channel ID in serial form.</p> <p><b>Channel_Enabled_Show, Digital</b> Will go High if supported by the selected API Version.</p> <p><b>Channel_Enabled_Fb, Digital</b> Will go High if the channel is enabled.</p> <p><b>Channel_Hidden_Show, Digital</b> Will go High if supported by the selected API Version.</p> <p><b>Channel_Hidden_Fb, Digital</b> Will go High if the channel is hidden.</p> <p><b>Channel_StreamAvailable_Show, Digital</b> Will go High if supported by the selected API Version.</p> <p><b>Channel_StreamAvailable_Fb, Digital</b> Will go High if the channel has a stream available.</p> <p><b>Channel_PinSecure_Show, Digital</b> Will go High if supported by the selected API Version.</p> <p><b>Channel_PinSecure_Fb, Digital</b> Will go High if the channels PIN code is enabled.</p> <p><b>Channel_Pincode, Serial</b> Displays the active channel PIN code in serial form.</p> <p><b>Channel_QR_Code, Serial</b> Displays a link to the html folder on the processor hosting the image of the QR Code.</p> <p><b>***Error***</b></p> <p><b>Show_Error_Popup, Digital</b> Will go High if there is an error to display.</p> <p><b>Error, Serial</b> Active received error from system.</p>
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Version History	Version	Date	Remarks
	1.0.0	220204	Initial module for MobileConnect API v2.0
	1.0.3a	221805	Support for Standalone Mode API v2.0
Advisories / Remarks			
Dependencies	MobileConnect.clz		
Processor support	2-Series, not currently supported. 3-Series, support. 4-Series, support.		