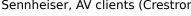


Sennheiser CHG4N Module Help File Sennheiser, AV clients (Crestron)





SENNHEISER CHG4N V2.02.01 MODULE HELP

Module name	Sennheiser CHG4N v2.02.01.umc, SennheiserCHG4N_2_02_01.usp, SennheiserClient.clz				
Version	2.02.01				
Description	This document defines the common Crestron module interface for the Sennheiser CHG4N units.				
Maintainer	Sennheiser				
Parameters	<i>IP Address</i> <i>Ip address of device to connect and control</i>				
	<i>ModuleNumber</i> If multiple modules of the same device are used, increment this so that each module is unique.				
Inputs	Pass-Thru-In, Serial Used to pass any string into the main module. Improper formatting may result in errors.				
	Subscribe, Digital Creates a connection to the Sennheiser Processor module and allows child module to accept incomming data.				
	Bay_X_Identify_Mode, Digital Pulse high to set the bay into identify mode.				
Outputs	Pass-Thru-Out, Serial Used to display any data from the main processor that is not part of the main module.				
	Communicating_Fb, Digital Will go High when the module has succesfully established a response from the Sennheiser Processor module. Will go low if 5 commands fail.				
	Device_Product, Serial Displays the Product type in serial form. "CHG4N"				
	<i>Device_Name, Serial</i> Displays the Name given to the device in serial form.				
	Device_Group, Serial Displays the Group Name given to the device in serial form.				
	Device_Serial_Number, Serial Displays the Serial Number given to the device in serial form.				
	Device_Firmware, Serial Displays the Firmware version running on the device in serial form.				
	<i>Errors, Serial Displays any errors encountered from the device in serial form.</i>				
	<i>Warnings, Serial</i> Displays any warnings in serial form.				
	Bay_X_is_in_Identify_Mode, Digital Goes high when the bay is in identify mode.				
	Bay_X_Active, Digital Goes high when the bay is in use. (ie a device is placed in the bay)				
	Bay_X_Device_Type, Analog Displays the type of device in the bay. ($(0 = none, 1 = handeld, 2 = bodypack)$).				
	Bay_X_Device_Battery_Bars, Analog Displays how many battery bars the device currently has. (1-6)				

Bay_X_Device_Battery_Gauge, Analog Displays in percent how much battery life the device currently has. (0%-100%)
Bay_X_Device_Battery_Time_to_Full, Analog Displays how long the device must charge until the battery is full. (displayed in minutes).

Version History	Version	Date	Remarks		
	1.00.00	110119	Initial structure.		
	1.01.00	240820	Recompile with New Crestron databases.		
	2.00.00	100920	Changes to backend to reduce the amount of serial data in simpl windows		
	2.01.00	N/A	Skipped over this version to make all modules have the same version number.		
	2.02.00	070222	Added feature updates		
	2.02.01	012923	Added module number parameter		
Advisories/ remarks					
Dependencies	SennheiserProcessor.usp, Sennheiser CHG4N v2.02.01.umc, SennheiserCHG4N_2_02_01.usp, SennheiserClient.clz				
Processor support	2-Series, not currently supported. 3-Series, support.				