



# SENNHEISER

## Sennheiser CHG4N Module Help File

Sennheiser, AV clients (Crestron)



## SENNHEISER CHG4N V2.02.01 MODULE HELP

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

**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	<table border="1"> <thead> <tr> <th data-bbox="500 203 613 233">Version</th> <th data-bbox="630 203 699 233">Date</th> <th data-bbox="764 203 883 233">Remarks</th> </tr> </thead> <tbody> <tr> <td data-bbox="500 254 597 283">1.00.00</td> <td data-bbox="630 254 727 283">110119</td> <td data-bbox="764 254 954 283">Initial structure.</td> </tr> <tr> <td data-bbox="500 304 597 333">1.01.00</td> <td data-bbox="630 304 727 333">240820</td> <td data-bbox="764 304 1252 333">Recompile with New Crestron databases.</td> </tr> <tr> <td data-bbox="500 354 597 384">2.00.00</td> <td data-bbox="630 354 727 384">100920</td> <td data-bbox="764 354 1442 411">Changes to backend to reduce the amount of serial data in simpl windows</td> </tr> <tr> <td data-bbox="500 432 597 462">2.01.00</td> <td data-bbox="630 432 683 462">N/A</td> <td data-bbox="764 432 1414 489">Skipped over this version to make all modules have the same version number.</td> </tr> <tr> <td data-bbox="500 510 597 539">2.02.00</td> <td data-bbox="630 510 727 539">070222</td> <td data-bbox="764 510 1036 539">Added feature updates</td> </tr> <tr> <td data-bbox="500 560 597 590">2.02.01</td> <td data-bbox="630 560 727 590">012923</td> <td data-bbox="764 560 1170 590">Added module number parameter</td> </tr> </tbody> </table>	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
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Dependencies	<i>SennheiserProcessor.usp, Sennheiser CHG4N v2.02.01.umc, SennheiserCHG4N_2_02_01.usp, SennheiserClient.clz</i>																					
Processor support	<i>2-Series, not currently supported. 3-Series, support.</i>																					