



SENNHEISER

Sennheiser TCC2 Module Help File

Sennheiser, AV clients (Crestron)



SENNHEISER TCC2 V2.01.00 MODULE HELP

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|-------------|---|
| Module name | <i>Sennheiser TCC2 v2.01.00.umc, SennheiserTCC2_2_01_00.usp, SennheiserClient.clz</i> |
| Version | <i>2.01.00</i> |
| Description | This document defines the common Crestron module interface for the Sennheiser TCC2 units. |
| Maintainer | Sennheiser |
| Inputs | <p><i>Pass-Thru-In, Serial</i> Used to pass any string into the main module. Improper formatting may result in errors.</p> <p><i>Subscribe, Digital</i> Creates a connection to the Sennheiser Processor module and allows child module to accept incoming data.</p> <p><i>Mute_Switch_Enable, Digital</i> Sets the mute switch to the On position.</p> <p><i>Mute_Switch_Disable, Digital</i> Sets the mute switch to the Off position.</p> <p><i>Mute_Switch_Toggle, Digital</i> Toggles the state of the mute switch position.</p> <p><i>Reset_Audio_Preset, Digital</i> Resets the audio presets.</p> <p><i>Audio_Level_TrackingDigital</i> While high, will actively track the audio level, while low, will not update the audio level.</p> <p><i>LED_Brightness, Analog</i> Sets the LED Brightness value.)Values 0-5)</p> |
| Outputs | <p><i>Pass-Thru-Out, Serial</i> Used to display any data from the main processor that is not part of the main module.</p> <p><i>Communicating_Fb, Digital</i> Will go High when the module has successfully established a response from the process module. Will go low if 5 commands fail.</p> <p><i>Device_Product, Serial</i> Displays the Product type in serial form. "TCC2"</p> <p><i>Device_Name, Serial</i> Displays the Name given to the device in serial form.</p> <p><i>Device_Location, Serial</i> Displays the Location Name given to the device in serial form.</p> <p><i>Device_Position, Serial</i> Displays the Position given from the device in serial form.</p> <p><i>Errors, Serial</i> Displays any errors encountered from the device in serial form.</p> <p><i>Warnings, Serial</i></p> |

| | <p><i>Displays any warnings in serial form.</i></p> <p>Mute_Switch_Enabled, Digital <i>Goes high when the mute switch is On.</i></p> <p>Mute_Switch_Disabled, Digital <i>Goes high when the mute switch is Off.</i></p> <p>Audio_Equalizer_Preset, Serial <i>Displays the audio preset in serial form.</i></p> <p>Audio_Level_dB, Analog <i>Displays active volume level.</i></p> <p>Beam_Elevation, Analog <i>Displays the beam elevation value.</i></p> <p>Beam_Azimuth, Analog <i>Displays the beam azimuth value.</i></p> <p>LED_Brightness_Fb, Analog <i>Displays the LED Brightness value.</i></p> <p>Audio_Attenuation, Analog <i>Displays the set attenuation value.</i></p> <p>Audio_Source_Detection, Serial <i>Displays the serial value for source detection.</i></p> <p>Audio_EQ_Level_X, Analog <i>Displays the corresponding EQ level value.</i></p> | | | | | | | | | | | | | | | |
|------------------------|---|---|------|---------|---------|----------|--------------------|---------|----------|---------------------------------------|---------|----------|---|---------|----------|-------------------------------|
| Version History | <table><tr><th>Version</th><th>Date</th><th>Remarks</th></tr><tr><td>1.00.00</td><td>27/05/19</td><td>Initial structure.</td></tr><tr><td>1.01.00</td><td>24/08/20</td><td>Recompile for new Crestron databases.</td></tr><tr><td>2.00.00</td><td>10/09/20</td><td>Changes to backend to reduce the amount of serial data in simpl windows</td></tr><tr><td>2.01.00</td><td>14/07/21</td><td>Added LED brightness control.</td></tr></table> | Version | Date | Remarks | 1.00.00 | 27/05/19 | Initial structure. | 1.01.00 | 24/08/20 | Recompile for new Crestron databases. | 2.00.00 | 10/09/20 | Changes to backend to reduce the amount of serial data in simpl windows | 2.01.00 | 14/07/21 | Added LED brightness control. |
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| Advisories/ remarks | | | | | | | | | | | | | | | | |
| Dependencies | <i>SennheiserProcessor.usp, Sennheiser TCC2 v2.01.00.umc, SennheiserTCC2_2_01_00.usp, SennheiserClient.clz</i> | | | | | | | | | | | | | | | |
| Processor support | <i>2-Series, not currently supported.</i> <i>3-Series, support.</i> | | | | | | | | | | | | | | | |