



SENNHEISER

Sennheiser TCC2 Module Help File

Sennheiser, AV clients (Crestron)



SENNHEISER TCC2 V1.00.00 MODULE HELP

Module name	<i>Sennheiser TCC2 TCP v1.00.00.umc, SennheiserTCC2_TCP_1_00_00.usp, SennheiserTCC2.clz</i>
Version	<i>1.00.00</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> <i>Used to pass any string into the main module. Improper formatting may result in errors.</i></p> <p><i>Identify, Digital</i> <i>Sets the unit into Identify Mode.</i></p> <p><i>General_Settings</i></p> <p><i>Position_Tracking, Digital</i> <i>While high, will actively track the elevation and azimuth, while low, will not update the position levels.</i></p> <p><i>Exclusion_ZoneX_Active, Digital</i> <i>Sets the Exclusion Zone switch to the On position.</i></p> <p><i>Exclusion_ZoneX_Inactive, Digital</i> <i>Sets the Exclusion Zone switch to the Off position.</i></p> <p><i>Exclusion_ZoneX_Toggle, Digital</i> <i>Toggles the state of the Exclusion Zone switch position.</i></p> <p><i>Priority_Zone_Active, Digital</i> <i>Sets the Priority Zone switch to the On position.</i></p> <p><i>Priority_Zone_Inactive, Digital</i> <i>Sets the Priority Zone switch to the Off position.</i></p> <p><i>Priority_Zone_Toggle, Digital</i> <i>Toggles the state of the Priority Zone switch position.</i></p> <p><i>LED_Settings</i></p> <p><i>LED_Brightness, Analog</i> <i>Sets the LED Brightness value. (Values 0-5)</i></p> <p><i>LED_Custom_Color_Active, Digital</i> <i>Sets the LED_Custom_Color switch to the On position.</i></p> <p><i>LED_Custom_Color_Inactive, Digital</i> <i>Sets the LED_Custom_Color switch to the Off position.</i></p> <p><i>LED_Custom_Color_Toggle, Digital</i> <i>Toggles the state of the LED_Custom_Color switch position.</i></p> <p><i>LED_Custom_Color, Analog</i> <i>Sets the LED Custom Color value. (Values 1. LIGHT GREEN 2. GREEN 3. BLUE 4. RED 5. YELLOW 6. ORANGE 7. CYAN 8. PINK)</i></p> <p><i>LED_MicOn_Color, Analog</i> <i>Sets the LED MicOn Color. (Values 1. LIGHT GREEN 2. GREEN 3. BLUE 4. RED 5. YELLOW 6. ORANGE 7. CYAN 8. PINK)</i></p>

	<p>LED_MicMute_Color, Analog Sets the LED MicMute color. (Values 1. LIGHT GREEN 2. GREEN 3. BLUE 4. RED 5. YELLOW 6. ORANGE 7. CYAN 8. PINK)</p> <p>Audio_Settings</p> <p>Audio_Level_Tracking, Digital While high, will actively track the audio level, while low, will not update the audio level.</p> <p>Mute_Switch_Enable, Digital Sets the mute switch to the On position.</p> <p>Mute_Switch_Disable, Digital Sets the mute switch to the Off position.</p> <p>Mute_Switch_Toggle, Digital Toggles the state of the mute switch position.</p> <p>Reset_Audio_Preset, Digital Resets the audio presets.</p> <p>Audio_Equalizer_Preset, Analog Set the audio preset in analog form. (1 = OFF, 2=CUSTOM)</p> <p>Audio_EQ_Level_X, Analog Sets the corresponding EQ level value.</p> <p>TruVoiceLift_Active, Digital Sets the TruVoiceLift switch to the On position.</p> <p>TruVoiceLift_Inactive, Digital Sets the TruVoiceLift switch to the Off position.</p> <p>TruVoiceLift_Toggle, Digital Toggles the state of the TruVoiceLift switch position.</p>
Outputs	<p>Pass-Thru-Out, Serial Used to display any data from the main processor that is not part of the main module.</p> <p>Communicating_Fb, Digital Will go High when the module has successfully established a response from the process module. Will go low if 5 commands fail.</p> <p>Device_Product, Serial Displays the Product type in serial form. "TCC2"</p> <p>Device_Name, Serial Displays the Name given to the device in serial form.</p> <p>Device_Location, Serial Displays the Location Name given to the device in serial form.</p> <p>Device_Position, Serial Displays the Position given from the device in serial form.</p> <p>Device_Serial_Number, Serial Displays the Serial Number given from the device in serial form.</p> <p>Device_Firmware, Serial Displays the Firmware currently running on the device in serial form.</p> <p>Errors, Serial</p>

Displays any errors encountered from the device in serial form.

Warnings, Serial

Displays any warnings in serial form.

General_Settings

Position_Tracking_Fb, Digital

While high, will actively track the elevation and azimuth, while low, will not update the position levels.

Beam_Elevation, Analog

Displays the beam elevation value.

Beam_Azimuth, Analog

Displays the beam azimuth value.

Exclusion_ZoneX_Active_Fb, Digital

High while the Exclusion Zone switch is in the On position.

Exclusion_ZoneX_Inactive_Fb, Digital

High while the Exclusion Zone switch is in the Off position.

Priority_Zone_Active_Fb, Digital

High while the Priority Zone switch is in the On position.

Priority_Zone_Inactive_Fb, Digital

High while the Priority Zone switch to is in Off position.

LED_Settings

LED_Brightness_Fb, Analog

Sets the LED Brightness value. (Values 0-5)

LED_Custom_Color_Active_Fb, Digital

High while the LED_Custom_Color switch to the On position.

LED_Custom_Color_Inactive_Fb, Digital

High while the LED_Custom_Color switch to the Off position.

LED_Custom_Color_Fb, Analog

Reports the LED custom color . (Values 1. LIGHT GREEN 2. GREEN 3. BLUE 4. RED 5. YELLOW 6. ORANGE 7. CYAN 8. PINK)

LED_MicOn_Color, Analog

Sets the LED MicOn color. (Values 1. LIGHT GREEN 2. GREEN 3. BLUE 4. RED 5. YELLOW 6. ORANGE 7. CYAN 8. PINK)

LED_MicMute_Color, Analog

Sets the LED MicMute color. (Values 1. LIGHT GREEN 2. GREEN 3. BLUE 4. RED 5. YELLOW 6. ORANGE 7. CYAN 8. PINK)

Audio_Settings

Audio_Level_Tracking_Fb, Digital

While high, will actively track the audio level, while low, will not update the audio level.

Mute_Switch_Enabled, Digital

Goes high when the mute switch is On.

Mute_Switch_Disabled, Digital

Goes high when the mute switch is Off.

	<p>Audio_Level_dB, Analog Displays active volume level.</p> <p>Audio_Attenuation, Analog Displays the set attenuation value.</p> <p>Audio_Source_Detection, Serial Displays the serial value for source detection.</p> <p>Audio_Equalizer_Preset_Fb, Analog Displays the audio preset in analog form. (1 = OFF, 2=CUSTOM)</p> <p>Audio_EQ_Level_X_Fb, Analog Displays the corresponding EQ level value.</p> <p>TruVoiceLift_Active_Fb, Digital Goes high when the TruVoiceLift switch is On.</p> <p>TruVoiceLift_Inactive_Fb, Digital Goes high when the TruVoiceLift switch is Off.</p>						
Version History	<table border="1"> <thead> <tr> <th>Version</th> <th>Date (yy/mm/dd)</th> <th>Remarks</th> </tr> </thead> <tbody> <tr> <td>1.00.00</td> <td>22/02/10</td> <td>Initial structure.</td> </tr> </tbody> </table>	Version	Date (yy/mm/dd)	Remarks	1.00.00	22/02/10	Initial structure.
Version	Date (yy/mm/dd)	Remarks					
1.00.00	22/02/10	Initial structure.					
Advisories/ remarks							
Dependencies	Sennheiser TCC2 TCP v1.00.00.umc, SennheiserTCC2_TCP_1_00_00.usp, SennheiserTCC2.clz						
Processor support	2-Series, not currently supported. 3-Series, support.						