



## Sennheiser TCBAR

### Q-Sys Plugin Help

This document provides help for the TCBAR Microphone Q-Sys Interface plugin.  
For more about TCBAR see <https://www.sennheiser.com/en-us/product-families/tcb>



### SENNHEISER TCBAR INTERFACE 2.0.0 PLUGIN HELP

Module name	Sennheiser TCBAR v1_0_0.qplug
Version	1.0.0
Description	This document defines the common Q-Sys plugin interface for the Sennheiser TCBAR Team Connect Bar Microphone.
Maintainer	Sennheiser GmbH



Top Bar	<p><b>Status:</b> Visual indicator to show the online status of communication.</p> <p><b>IP_Address:</b> IP address or hostname of the device.</p> <p><b>Username:</b> Default username for API control is currently "api"</p> <p><b>Password:</b> Password set when configuring the API Control access.</p>
Device Window	<p><b>DeviceType:</b> Text readout of the Device Type.</p> <p><b>DeviceTypeIcon:</b> Visual representation icon of the Device Type.</p> <p><b>DeviceTypeColor:</b> Visual representation color of the Device Type state, (online, muted etc.).</p> <p><b>DeviceName:</b> Text readout of the Device Name.</p> <p><b>DeviceLocation:</b> Text readout of the Device Location set.</p> <p><b>DeviceSerial:</b> Text readout of the Device Serial Number.</p> <p><b>DeviceFirmware:</b> Text readout of the Device Firmware version.</p> <p><b>Identify:</b> Button and feedback showing if the device is in Identify mode.</p>
Zones and LED Controls	<p><b>Beam_Tracking:</b> While active, will track the elevation and azimuth, while deactive, will not update the position levels.</p> <p><b>Beam_Position:</b> Text readout of the beam position.</p> <p><b>Priority_Zone_Toggle:</b> Toggles the state of the Priority Zone switch position.</p> <p><b>Exclusion_Zone(1~3):</b> Toggles the state of the Exclusion Zone switch position.</p> <p><b>Sound_Prompt_Toggle</b> Toggles the state of the Sound Prompt switch position.</p> <p><b>LED_Brightness:</b> Sets the LED Brightness value. (Values 0-5)</p>
Video Controls	<p><b>Video_Controls:</b> Shows Active when there is a camera connected.</p> <p><b>Camera Movement Controls</b> Up, Down, Left, Right to control the Pan and Tilt of the internal camera.</p> <p><b>Camera Zoom Controls</b> In, Out to control the Zoom of the internal camera.</p>
Audio Controls	<p><b>Audio_Level_Tracking:</b> While active, will track the audio level, while deactive, will not update the audio level.</p> <p><b>Audio_Level:</b></p>



	<p>Readout of the audio level.</p> <p><b>Mute_Switch_Enable:</b> Toggles the state of the mute switch position.</p> <p><b>Audio_Output_Level:</b> Readout of the analog output level (0% to 100%).</p> <p><b>Bluetooth:</b> Toggles the state of the Bluetooth Enable position.</p> <p><b>Bluetooth_Level:</b> Readout of the bluetooth meter level.</p> <p><b>USB_Level:</b> Readout of the usb meter level.</p> <p><b>Sound_Profile:</b> Sets the sound profile {"Wallmount", "TableTop", "AboveDisplay", "UnderDisplay", "FreeStanding", "Custom"}</p> <p><b>Internal Mic EQ levels:</b> Sets the corresponding EQ level value.(-8 to 8)</p> <p><b>Speaker EQ levels:</b> Sets the corresponding EQ level value.(-8 to 8)</p> <p><b>Noise_Gate:</b> Toggles the state of the Noise Gate position.</p>
Errors	<p><b>Errors:</b> Text Display to show any errors happening within the plugin related to API.</p> <p><b>Warnings:</b> Text Display to show any warnings happening within the plugin related to API.</p>

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Version History	Version	Date	Remarks
	1.0.0	260324	Initial plugin for TCCM using http requests
Advisories / Remarks			
Dependencies			
Processor support	Developed using a core110f, and Q-SYS Designer 9.10		