



Sennheiser EW-DX

Q-Sys Plugin Help

This document provides help for the EW-DX Series Q-Sys Interface plugin.
For more about EW-DX see <https://en-us.sennheiser.com/ew-dx-professional>



SENNHEISER EW-DX INTERFACE V1.1.1 PLUGIN HELP

Module name	Sennheiser EWDX UDP v1_1_1.qplug
Version	1.1.1
Description	This document defines the common Q-Sys plugin interface for the Sennheiser EW-DX Series. It supports UDP communication only at this time.
Maintainer	Sennheiser GmbH



Top Bar	<p>Online: Visual indicator to show the online state of communication.</p> <p>IP_Hostname: IP address or hostname of the EW-DX end point.</p> <p>IP_Port: Default port# is 45, but can be changed on device.</p> <p>Debug: Pulse to enable or disable the debugging. Will show if plugin is setup to show debug data.</p>
Device Bar	<p>DeviceType: Text readout of the Device Type.</p> <p>DeviceTypeIcon: Visual representation icon of the Device Type.</p> <p>DeviceTypeColor: Visual representation color of the Device Type state, (online, muted etc.).</p> <p>DeviceName: Text readout of the Device Name.</p> <p>DeviceLocation: Text readout of the Device Location set.</p> <p>DeviceSerial: Text readout of the Device Serial Number.</p> <p>DeviceFirmware: Text readout of the Device Firmware version.</p>
Main Window	<p>Name[1~4]: Text readout of the Channel Name for each channel.</p> <p>Transmitter[1~4]: Visual representation icon of the transmitter device attached to each channel.</p> <p>[Transmitter is made up of 3 elements: TX[1~4]DeviceType A value for the diffenet device types 1 = HANDHELD, EW-DX SKM-S, EW-DX SKM 2 = BODYPACK, EW-DX SK 3 = TABLE-STAND 4 = BOUNDARY TX[1~4]DeviceTypeIcon A visual representation icon of the connected device. TX[1~4]DeviceTypeColor Color based on connection and mute status.]</p> <p>Name[1~4]: Text readout of the Transmitter Name for each transmitter that is active.</p> <p>Capsule Info[1~4]: Text readout of the Capsule Info if the transmitter has a capsule attached.</p> <p>Battery Info[1~4]: Text readout of the Battery charge gauge, and battery lifetime.</p> <p>RF Signal[1~4]: Text readout of the RF Signal in percentage.</p> <p>RF Frequency [1~4]:</p>



	<p>Text readout of the RF Frequency number.</p> <p>TX Mute [1~4]: Indicator to show if the TX Mute is active on the device</p>
Sub Window	<p>Audio Tracking [RX1~4]: Pulse to enable or disable the tracking of the audio level. *Constantly tracking every dB change of the audio level may overwhelm the system with too much data.</p> <p>Audio Level [RX1~4]: Visual bar graph showing the current audio level in real time..</p> <p>Audio Mute [RX1~4]: Pulse to mute or unmute the RX Channel.</p> <p>Battery Tracking [RX1~4]: Pulse to enable or disable the tracking of the battery level. *Constantly tracking every change of the battery level may overwhelm the system with too much data.</p> <p>RF Signal Tracking [RX1~4]: Pulse to enable or disable the tracking of the RF Signal level. *Constantly tracking every change of the RF Signal level may overwhelm the system with too much data.</p>
Errors	<p>Errors: Text Display to show any errors happening within the plugin related to API.</p> <p>Warnings: 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	230214	Initial plugin for EW-DX UDP version
	1.1.0	240822	Added TX Mute readout indicator
	1.1.1	241011	Fixed bug with RX RF Signal not showing correctly
Advisories / Remarks			
Dependencies			
Processor support	Developed using a core110f, and Q-SYS Designer 9.6		