GROUND ZERO®
GERMAN ENGINEERING

DSP
Processing

DSP SERIES

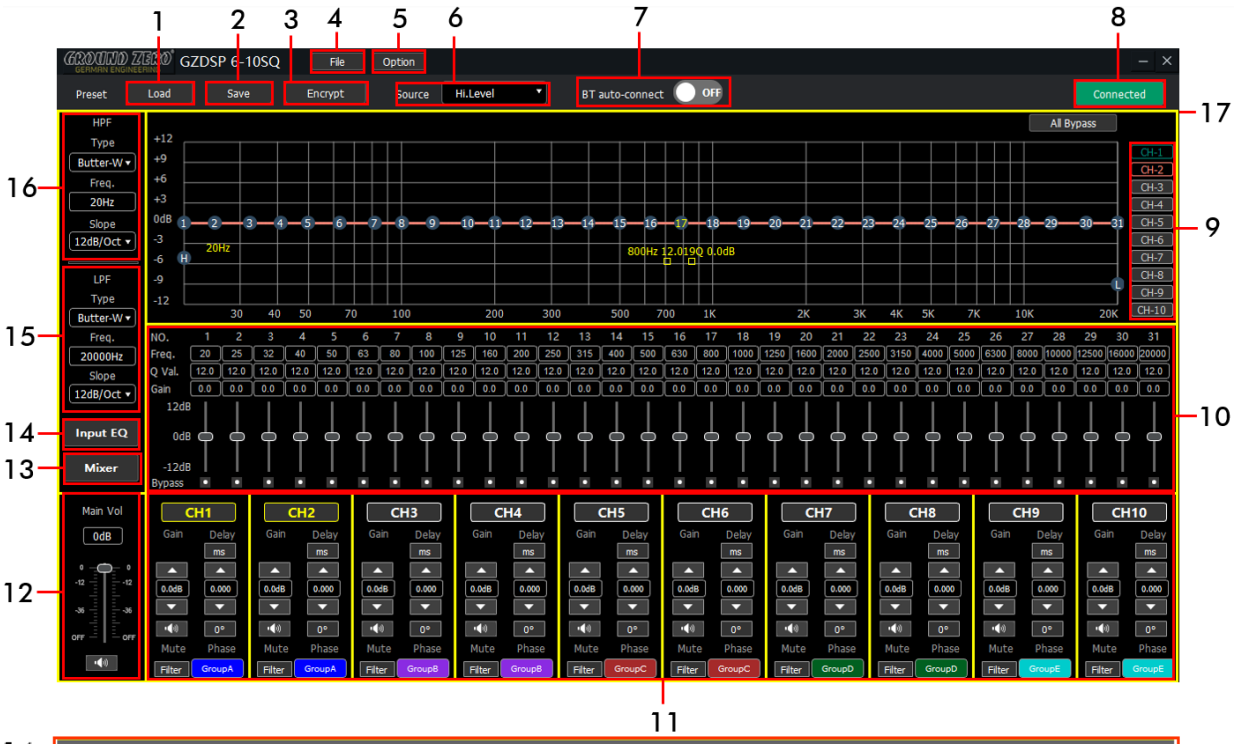
10-Channel Digital Sound Processor

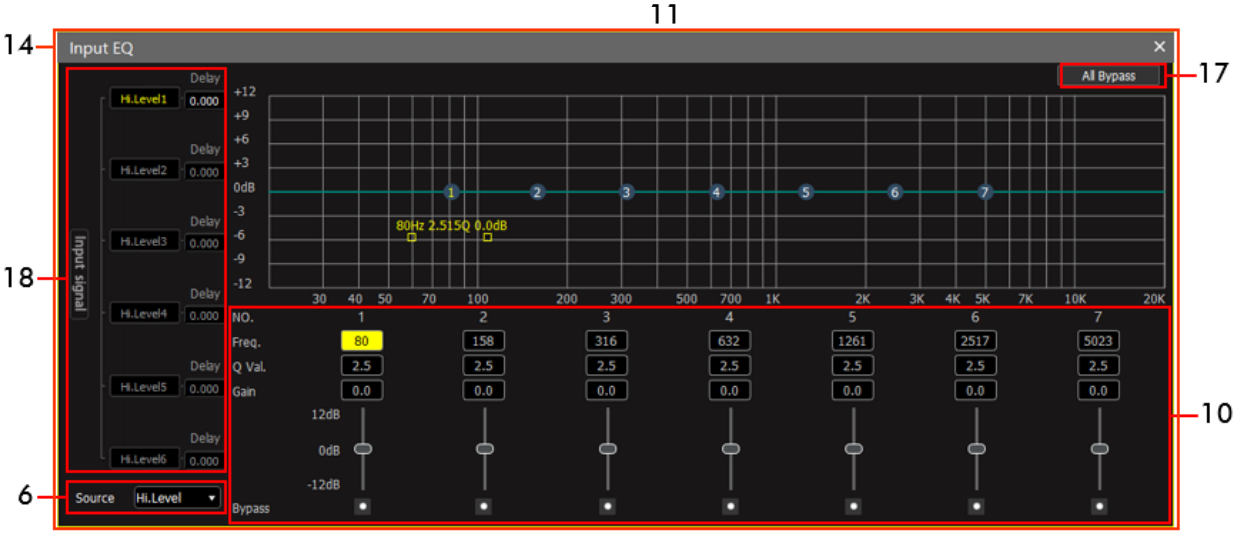
GZDSP 6-10SQ

Graphical User Interface (GUI) - PC

AWV4.0

Graphical User Interface of the DSP software (GUI)





1	Load Presets	Load one of 10 presets from the DSP's internal memory Delete a preset with the right mouse button
2	Save Presets	Save one of 10 presets to the DSP's internal memory Delete a preset with the right mouse button
3	Hardware Encryption	Encrypts the DSP settings. After successful encryption, only basic functions (load preset, source selection) can be used.
4	Save/Load File	**Load from PC:** Load a single preset from the PC **Save to PC:** Save a single preset to the PC **Load all settings:** Load all presets from the PC **Save all settings:** Save all presets to the PC
5	Options	**English/Deutsch:** Changes the GUI language settings **Firmware update:** Opens a window to select the update file on the PC **Factory settings:** Resets the device to factory settings **Info:** Opens a window with the software/device version
6	Source Selection	Switching the input source
7	BT auto-connect	**Off:** BT connection is established, current source selection remains **On:** BT connection is established, source selection automatically changes to BT when a signal is played over BT
8	Connection Display	**Not connected:** DSP not connected **Connected:** DSP connected
9	Equalizer Overlay	Channel-dependent turning on/off and blending of frequency curves
10	Equalizer	**Channel-dependent equalizer (31-band output EQ, 7-band input EQ)** **Freq.:** Adjust the frequency to be changed **Q Value:** Adjust the Quality Factor **Level:** Adjust the level **Bypass:** Temporarily resets the settings of an equalizer band to the factory settings or restores them
11	Channel Settings (Output)	**CH1…:** Select the output channel to be edited **Level:** Adjust the channel level **Delay:** Adjust the delay (ms, cm, inch) **Mute:** Mute the current channel **Phase:** Rotate the phase position by 180° **Filter:** Selecting the filter button ensures that HPF and LPF settings are not adopted in a grouping **Group:** Assign different output channels to groups (linking). **Group E = Subwoofer group**
12	Master Volume	Adjust the overall level Pressing the MUTE button mutes all outputs
13	Channel Assignment	The matrix allows you to select the desired or multiple input channels for each output channel
14	Input Equalizer	Further information can be found in the corresponding section
15	High-Pass Filter	**Type:** A filter characteristic can be selected from the dropdown menu **Freq:** The desired value can be entered directly into the field via the keyboard or changed using the scroll wheel of the computer mouse. The frequency response curve graphically shows the corresponding changes (H = high pass filter) **Slope:** A slope steepness can be selected or deactivated from the dropdown menu **Note:** The filters can also be adjusted directly in the graphic with the PC mouse
16	Low-Pass Filter	**Type:** A filter characteristic can be selected from the dropdown menu **Freq:** The desired value can be entered directly into the field via the keyboard or changed using the scroll wheel of the computer mouse. The frequency response curve graphically shows the corresponding changes (L = low pass filter) **Slope:** A slope steepness can be selected or deactivated from the dropdown menu **Note:** The filters can also be adjusted directly in the graphic with the PC mouse
17	All Bypass/Restore	Temporarily resets the equalizer settings to the factory settings or restores them
18	Channel Settings (Input)	Select the input channel to be changed **Delay:** Delays the previously selected input source (The unit (ms, cm, inch) corresponds to the setting chosen in the main window)