

*water*  
Smooth and natural  
Incredibly transparent

*fire*  
Focused and punchy  
Extremely tight

*neutral*  
Standard analog  
parametric equalizer

eiosis  
(S)

Frequency [Hz]

AirEQ

Designed By FABRICE GABRIEL

Operational  
Guide

**EQUALIZER**

<b>ACTION</b>	<b>ELEMENT</b>	<b>RESULT</b>
Double Click	Knob Slider	Reset to Default
Option / Alt + Click	Knob Slider Switch	Reset to Default
Command / Control + Click and Drag	Knob Slider	Fine Adjustment
Command / Control + Click and Hold	Any Switch	Kick, until Left Click is released
Right Click	Band On / Off Switch	Band Options Menu
Shift + Click and Drag	Q Knob	Enable & Adjust Per-Band Character
Shift + Click and Drag	Frequency Knob	Frequency Finder
		Band Solo (configured in Settings)

**ANALYZER**

<b>ACTION</b>	<b>ELEMENT</b>	<b>RESULT</b>
Click + Drag	Analyzer Display	Vertically Offset Analyzer Curve
Double Click	Analyzer Display	Reset Analyzer Average
Left Click	RTA Button Average Button	Cycle Forward through Options
Right Click	RTA Button Average Button	Cycle Backwards through Options

**MENU BAR**

<b>ACTION</b>	<b>ELEMENT</b>	<b>RESULT</b>
Command / Control + Click and Hold	Undo / Redo A / B Snapshot Slot	Kick, until Left Click is released
Double Click	Analyzer Display	Reset Analyzer Average
Left Click	RTA Button Average Button	Cycle Forward through Options
Right Click	RTA Button Average Button	Cycle Backwards through Options

**MULTI-CHANNEL TOOLBAR**

<b>ACTION</b>	<b>ELEMENT</b>	<b>RESULT</b>
Command / Control + Click and Hold	Channel Selector	Kick Solo, until Click is released
Shift + Click	Channel Selector	Channel Solo

**LEGEND**

⇧ Shift

⌘ Command (**Mac**)⌃ Control (**Win**)

⌥ Option / Alt

## MOMENTARY OR ‘KICK’

The state of AirEQ’s switches can be momentarily toggled or ‘kicked’ by holding down the **Command / Control** key while clicking and holding. This is very useful to quickly compare a setting such as a filter slope or to momentarily undo or redo an adjustment. The state of the switch will remain changed for as long as your mouse button is depressed.

‘Kick’ works on the following switches:

- Undo / Redo
- Band On / Off
- Filter Slope 6dB / 12dB
- Bell / Shelf
- A / B Snapshot Slots
- EQ Phase Switch
- EQ Master Bypass
- Channel Solo

## COARSE AND FINE ADJUSTMENTS

By design, AirEQ’s knobs and sliders operate at ‘Coarse’ resolution. To adjust a knob or slider with ‘Fine’ resolution, hold the Command / Control key while dragging up or down on it.

## RESET TO DEFAULT

Any of AirEQ’s knobs, switches, or sliders can be instantly reset to their default value by holding the Option / Alt key while clicking them. Additionally, you can reset knobs to their default value simply by double clicking them.

## FREQUENCY FINDER

With *Frequency Finder* enabled, you can tune the Frequency values while keeping the Gain and/ or Q at their maximum value (See **Settings** for more information). This way, you can precisely hear the resonances you search for, while keeping the original gain of the bands.

To set the Gain and/ or Q value at maximum while sweeping the Frequency, hold the Shift key while adjusting the value. When you release the Shift key, the Gain returns to its original value.

## BAND SOLO

With *Band Solo* enabled, the Shift+Click Frequency knob behavior will solo the output of the selected band while keeping the Gain and/ or Q at their maximum value (See **Settings** for more information). This way, you can precisely hear the resonances you search for, while keeping the original gain of the bands.

To set the Gain and/ or Q value at maximum while sweeping the Frequency, hold the Shift key while adjusting the value. When you release the Shift key, the Gain returns to its original value.

## CHANNEL SOLO

With the Multi-Channel Toolbar displayed, you can solo a channel simply by pressing Shift and Clicking a channel. A yellow box will appear around the channel you've selected to show that it's soloed.

You can also Kick Solo a channel by pressing Command / Control and Clicking a channel. This is very useful for quickly checking the frequency content of a channel in Mid-Side or 5.1 modes.

## SETTINGS VS. PARAMETERS

Parameters are values that have an impact on how the plugin instance operates. Parameters control things that are related to what the plugin is doing to the audio. Parameters are stored in:

- Snapshot Slots
- Presets
- Session File

Settings are values that impact how the plugin interface operates. Settings affect functions related to the plugin user interface or behavior. There are two kinds of settings: *Global Settings* and *Local Settings*.

## GLOBAL SETTINGS

Global Settings are shared between all instances. They are not stored with the session or the presets, but are stored in a separate file that is shared with all instances of the plugin on the users system.

The following settings are global:

*Show Band Names*

*Values Display Mode*

*Enable Auto-On*

*Use Max Gain or Max Gain + Max Q*

## LOCAL SETTINGS

Local Settings are specific to a single instance of AirEQ. They are stored in the following locations:

- Presets
- Snapshot Slots
- Session File

When creating a new instance of AirEQ, *Local Settings* are set to the default value that is currently stored in a separate file. Then, they may be edited for each instance. Their last known value will be stored with the session, or with the preset.

The following settings are local:

*Frequency Sweep Max Gain (dB)*

*A4 Frequency*

*Display Frequencies as Notes*

*Display Q as Octaves*

*Snap Q - On / Off*

*Analyzer Source (In / Out)*

*Analysis Average (Off / 10s / Infinite)*

*Analysis dB Offset*

*Analysis Realtime (Off / Slow / Fast)*

*Snap Gain - On / Off*

*Show Curve Display*

*Show Multi-Channel Toolbar*

*Input Meter Mode (Peak/RMS or RMS Diff)*

*Meter Scale*

*Analyzer Source Mode (xEQ)*

*Curve dB Range (zoom)*

*Show Analysis*

*Show EQ Curve*

## **DEFAULT SETTINGS AND PARAMETERS**

The user can override the sets (files) of default settings and default parameters. In the AirEQ, this is done through the 'Defaults' menu

### **Save Current Settings as Default**

This will store all current values of this instance' settings in the default file. The next created instance will use those settings.

### **Restore Factory Settings**

This will restore all the default settings to what they were when the AirEQ was installed.

### **Save Current Parameters as Default**

This will kind of 'override' the default preset that is loaded with a new instance.

### **Restore Factory Preset**

This will reset the 'default' preset to the AirEQ 'basic' state (all switches off, knobs at noon etc.)