



### Thank you for using the Maag Audio EQ4 plugin.

The EQ4 plugin is Maag Audio's first plugin release, modeled in close cooperation with Brainworx, and based upon Maag Audio's 500 series module, designed by Cliff Maag. The EQ4 is the successor of the famous EQ3 by NTI, developed by Cliff many years ago.

**The Maag EQ4 is the go-to vocal EQ for David Reitzas, Dylan Dresdow, Dave Pensado, to mention just a few (Madonna, Celine Dion, Black Eyed Peas, Justin Timberlake, Barbara Streisand, etc.)**

The sweepable AIR BAND® sets a new standard for shiny and open hi-end in both, the analog and digital domain. You can hear the AIR BAND® on countless top hits mixed by David Reitzas, Dylan Dresdow, Dave Pensado, and many others ...

### The basic concept of the EQ4 hardware

The EQ4 provides unparalleled transparency and top end presence while maintaining the true natural sound behind the signal or mix. EQ adjustments are obtained with minimal phase shift and the AIR BAND® interacts with the other bands (during the 'summing' process).

The EQ4's band passes all interact with each other as well. In turning the EQ or AIR BAND® gain up, the overall gain will come up a bit as well. This is normal behavior and a necessary byproduct of the design. You may use the LEVEL TRIM to turn down overall gain to compensate this, or use the original hardware solution.

**GET SOME AIR BAND® [www.maagaudio.com](http://www.maagaudio.com)**

### Overall Gain control (hardware solution):

The summing of the band passes and the airband is the essential part of the design, needed to ensure the integrity of the sound is maintained. If you turn all five band pass knobs equal amounts the EQ4 will remain the same EQ shape. So, two clicks down on all five gain knobs gives you the same EQ curve, just lower level.

This means instead of boosting one band you may also turn down the other four, and get the same result.

Understanding how the band passes and the AIR BAND® interact in the Maag Audio EQ4 will help you better shape your sound.

Or just use the LEVEL TRIM on the plugin to reduce the overall gain (**plugin version only**).



### Formats

The EQ4 plugin supports MAC and PC, and will work in any DAW host supporting VST, RTAS, AU or AAX, TDM/VENUE (TDM/VENUE: March 2012).

### General Tip

Start using the plugin on a vocals or a complex stereo mix to get a feel for the EQ4 and the AIR BAND<sup>®</sup>.

### Presets

We have added a number of useful presets you should browse through as a starting point.

### The controls

Let's take a closer look at the controls from left to right.

### SUB (10Hz)

This band controls the ultra-low sub frequencies. If you need to get rid of some rumbling this is the band to turn down, and if your mix can use some really low kick or bass try increasing this extraordinary low band.

### 40Hz

The 40 Hz band opens up low end in mixes, makes bass drums bigger and electric bass smoother when boosted.

### 160 Hz

Reduce here to make voices less resonant, or add 160 Hz to get that low narrator sound. Cutting 160 Hz on instruments can help bass and bass drum punch through in rock or pop mixes.

### 650 Hz

Boosting this band on vocal tracks will make them become better understandable, cutting 650 Hz will make them more indirect. On mixes boosting this band will add some power to a mix without making it too aggressive in the highs.

### 2.5 kHz

A very important band to control the bite of vocals, the aggression in rock guitar sounds, or the midrange in general for complex mixes.

### AIR BAND<sup>®</sup> (sweepable frequencies)

Blend some shiny highs to your original signal and hear how almost every signal will open up and benefit from this band. The higher frequency you select the smoother hi-end sound you get.