

Maag EQ4

Plugin Manual



määg
AUDIO

BRAINWORX
by Native Instruments

 **Plugin Alliance**
by Native Instruments

Table of Contents


- 1. Welcome to Maag EQ4 1
- 2. Key features 2
- 3. Maag EQ4 Overview 3
- 4. Equalizer 4
- 5. Top toolbar 5
- 6. Bottom toolbar 6
- 7. Additional information 7
 - Modifier keys 7
 - Online resources 7
 - Credits 7

1. Welcome to Maag EQ4

The EQ4 plugin was 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. We at Brainworx have now enhanced the previous version of the digital emulation with our established toolbar and its containing tools such as a resizable UI and an alternative faceplate with higher contrast.

The Maag EQ4 is the go-to vocal EQ for David Reitzas, Dylan Dresdow, Dave Pensado, to mention just a few.

The sweepable AIR BAND® has set 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 by Madonna, Celine Dion, Black Eyed Peas, Justin Timberlake, Barbara Streisand, and many more.

 Download and install your plugin using our Installation Manager: <https://www.plugin-alliance.com/en/installation-manager.html>

Thank you for choosing Maag EQ4. We hope you enjoy it!



2. Key features

The following list gives you an overview of Maag EQ4's key features:

- Modeled exactly after the EQ4 schematics and hardware in very close cooperation with Maag Audio.
- AiR Band®
- Interacting EQ-bands
- Scalable UI
- Big Level Trim potentiometer, no more screwing
- Brainworx' toolbar with banks and undo function
- Limited edition faceplate with higher contrast available as UI-Option



3. Maag EQ4 Overview

Maag EQ4 consists of the following areas and main controls:



- 1. Top Toolbar:** Additional global controls relevant to the plugin's processing. For more information, refer to [Top toolbar](#).
- 2. Equalizer:** 6 band EQ with AIR BAND®. For more information, refer to [Equalizer](#).
- 3. Bottom Toolbar:** Preferences, license information, and documentation. For more information, refer to [Bottom toolbar](#).

4. Equalizer

The Maag EQ4 and its predecessors provide 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.

This section consists of the following controls:



1. **In/Out:** Switches the entire EQ section On or Off. The green LED indicates the active status.
2. **Sub:** 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.
3. **40 Hz:** The 40 Hz band opens up low end in mixes, makes bass drums bigger and electric bass smoother when boosted.
4. **160 Hz:** Reduce here to make voices less resonant, or add 160 Hz to get that low narrator sound. Cutting 160Hz on instruments can help bass and bass drum punch through in rock or pop mixes.
5. **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 aggressiv in the highs.
6. **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.
7. **Air Gain:** Blend some shiny highs to your original signal and hear how almost every signal will open up and benefit from this band.
8. **Air Band:** Sweepable AIR BAND ® frequencies. The higher frequency you select the smoother hi-end sound you get.
9. **Level Trim:** Use the Level Trim to reduce the overall gain.

5. Top toolbar

Additional global controls related to plugin settings and processing are available in the top toolbar.



1. **Power:** Bypasses the processor when disengaged.
2. **UI Size:** Sets the size of the plugin's user interface.
3. **↶ ↷:** Undo and redo changes made to controls up to 32 steps.
4. **Bank A B C D:** Each preset allows you to switch between four banks (A, B, C, D) of controls.
5. **Copy:** Copy the active settings to memory.
6. **Paste:** Paste the copied settings to the active bank.
7. **Reset:** Reset the current bank.
8. **UI Option:** Switches the user interface to the black version of Maag EQ4.



Clicking the company logo or the plugin name will open a splash screen containing team credits and the UI default setting.

6. Bottom toolbar

Preferences, license information, and documentation are available in the bottom toolbar.



- 1. Plugin Alliance Logo:** If your computer is online, clicking the Plugin Alliance logo will take you to the Plugin Alliance website via your web browser.
- 2. License Info:** The toolbar displays information about the type of license you're running. Trial licenses are displayed along with the number of days until expiration; there is no note for full licenses, as these are unlimited.
- 3. Dollar Icon:** If you are using a demo/trial version of a Brainworx product, you can click this icon to open a browser that redirects you to the respective product page in the Plugin Alliance store. Here, you can purchase a product without searching for it on the Plugin Alliance website.
- 4. Key Icon:** Clicking on the key icon brings up the activation dialog, allowing you to manually reauthorize a device in the event of a license upgrade or addition. You can also use this feature to activate additional computers or USB flash drives.
- 5. Help Icon:** Clicking the help icon opens a context menu that links to the product manual PDF and other helpful links, such as checking for product updates online. You must have a PDF reader installed on your computer to read the manual.

7. Additional information

Modifier keys

You can use the following keyboard commands to control Maag EQ4.

Function	AU	VST / VST3	AAX
Fine Control	[shift]	[shift]	<ul style="list-style-type: none">• Mac: [command]• Win: [Ctrl]
Jump between default and last setting	[option]	<ul style="list-style-type: none">• Mac: [command]• Win: [Ctrl]	<ul style="list-style-type: none">• Mac: [option]• Win: [Alt]
Output Link	[command]	<ul style="list-style-type: none">• Mac: [option]• Win: [Alt]	[shift]

Online resources

Mäag Audio Homepage:

<https://maag.audio/>

System requirements & supported platforms:

<https://www.plugin-alliance.com/en/systemrequirements.html>

Details about your product:

https://www.plugin-alliance.com/en/products/maag_eq4.html

Installation, activation, authorisation and FAQ:

<https://www.plugin-alliance.com/en/support.html>

Credits

Concept: Cliff Maag Sr.

Programming and Algorithms: Jan Stickelbruck, Michael Massberg

UI-Design: Goran Lizdek

Product Management: Christoph Tkocz