WAVES
Eddie Kramer Guitar Channel
User Guide

WAVES

TABLE OF CONTENTS

Chapter 1 – Introduction

1.1 Welcome

Thank you for choosing Waves! In order to get the most out of your new Waves plugin, please take a moment to read this user guide.

To install software and manage your licenses, you need to have a free Waves account. Sign up at www.waves.com. With a Waves account you can keep track of your products, renew your Waves Update Plan, participate in bonus programs, and keep up to date with important information.

We suggest that you become familiar with the Waves Support pages: www.waves.com/support. There are technical articles about installation, troubleshooting, specifications, and more. Plus, you'll find company contact information and Waves Support news.

1.2 Product Overview

The Waves Signature Series is our exclusive line of application-specific audio processors, created in collaboration with the world's top producers, engineers, and mixing engineers. Every Signature Series plug-in has been precision-crafted to capture the artist's distinct sound and production style. For experienced and aspiring audio professionals alike, the Waves Signature Series allows you to dial up the sound you're looking for quickly, without interrupting the creative flow.

The Eddie Kramer Collection consists of 5 plug-ins, each designed to handle a specific production task.

Vocals: Eddie Kramer Vocal Channel (EKramer VC)
Drums: Eddie Kramer Drum Channel (EKramer DR)
Bass: Eddie Kramer Bass Channel (EKramer BA)
Guitars: Eddie Kramer Guitar Channel (EKramer GT)
Effects: Eddie Kramer Effects Channel (EKramer FX)

1.3 Concepts and Terminology

Sensitivity Control/Sensitivity LED

The Sensitivity LED's colors indicate when appropriate levels are reached:

- Green (good)
- Yellow (optimal)
- Red (very hot)

If the LED is off during playback, your input signal is too low. Move the Sensitivity Control clockwise until the LED lights up. We recommend adjusting the Sensitivity Control as soon as you open the plug-in, using the section of your song with the highest peaks for best results.

In most cases, the Sensitivity LED indicates that your levels hit the processor in a way that will give you the intended output result. However, it's important to keep in mind that optimal results may be achieved even when the Sensitivity LED does not display "optimal" levels (yellow). Depending on your program material, "good" levels (green) might be best-suited to your needs; in other cases, "very hot" levels (red) might provide the most appropriate processing.

Often, changing other controls after adjusting the Sensitivity will cause the Sensitivity LED to turn red. When this occurs, re-adjustment of either the Sensitivity control or the other control will be necessary. As always, trust your ears.

Type

Each plug-in includes a number of application Types which address a range of source materials.

FX

FX controls the amount of the signal sent to the effect. Think of it like the Send control on any DAW.

1.4 A Few Words from Eddie Kramer

"The Guitar Channel plug-in features settings for lead guitars and two types of rhythm guitars. When it comes to lead guitar, I want it to become a living, breathing organism, creating a palpable sense of excitement within in the mix. By combining the right amounts of EQ, compression, delay, reverb, and a touch of flange, these 5 elements, working together, make it come alive. For rhythm guitar, I try to get it "in your face" as much as possible, without over-processing the sound with EQ. By adjusting the amount of compression, and not overdoing the amount of space, I make sure that the guitar stays up front, where it belongs."

1.5 Components

WaveShell technology enables us to split Waves processors into smaller plug-ins, which we call **components**. Having a choice of components for a particular processor gives you the flexibility to choose the configuration best suited to your material.

The Waves Eddie Kramer Guitar Channel has two components:

- EKramer GT m>s – Mono in to Stereo out component
- EKramer GT stereo – Stereo in to Stereo out component

Chapter 2 – Quickstart Guide

- Insert the EKramer GT plug-in on a guitar track.
- Toggle between the different guitar types selecting lead for lead guitars and Rhythm 1 or 2 for rhythm guitars.
- Adjust the Sensitivity control until you achieve proper levels, as indicated by the Sensitivity LED.
- Adjust the FX control.
- Shape tonality and dynamics using the Mid, Treble, and Compress controls.
- After setting all parameters, check to make sure the Sensitivity LED indicates proper levels. If it indicates excessive levels, make the necessary adjustments.

Chapter 3 – Interface and Controls

3.1 Interface

3.2 Controls

TYPE toggles between the 3 guitar types.
Range: Rhythm1, Rhythm2, Lead

Please note: Changing Types will reset **all** controls to their initial values.

METER Switch toggles meter display between input and output levels.
Default: Output

METER displays input or output levels.
Range: -24dBFS – 0dBFS

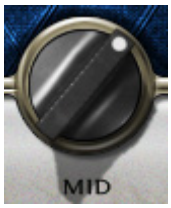
Rhythm 1

SENSITIVITY controls input levels.
Range: +/- 50 (in 0.1 steps)
Default: 0

SENSITIVITY LED indicates the presence of proper levels.
Range: Green (good), Yellow (optimal), Red (very hot)

COMPRESS controls dynamics.
Range: Min (0) - Max (100), in 0.1 steps
Default: 50

TREBLE 1 controls high frequencies.
Range: 1 - 5 (in steps of 1)
Default: 2



MID 1 controls midrange frequencies.
Range: 1 - 5 (in steps of 1)
Default: 2

OUTPUT controls the output level.
Range: +/- 50
Default: 0

FX controls the amount of signal sent to the effect.
Range: Min (0) - Max (100), in 0.1 steps
Default: 50

VERB MIX controls the relative level of the reverb.
Range: Min (0) - Max (100), in 0.1 steps
Default: 80

DLY controls delay characteristics.
Range: 50 – 500 (in steps of 1)
Default: 138

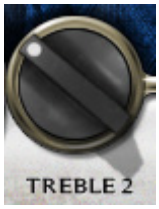
DLY MIX controls the amount of audible delay.
Range: Min (0) - Max (100), in 0.1 steps
Default: 80

Rhythm 2

SENSITIVITY controls input levels.
Range: +/- 50 (in 0.1 steps)
Default: 0

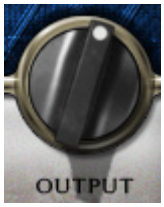
SENSITIVITY LED indicates the presence of proper levels.
Range: Green (good), Yellow (optimal), Red (very hot)

COMPRESS controls dynamics.
Range: Min (0) - Max (100), in 0.1 steps
Default: 32.7



TREBLE 2 controls high frequency range.
Range: Min (0) - Max (100), in 0.1 steps
Default: 33.3

MID 2 controls midrange frequencies.
Range: Min (0) - Max (100), in 0.1 steps
Default: 22.2



OUTPUT controls the output level.
Range: +/- 50
Default: 0

FX controls the amount of signal sent to the effect.
Range: Min (0) - Max (100), in 0.1 steps
Default: 50

VERB MIX controls the amount of reverb sent to the effect.
Range: Min (0) - Max (100), in 0.1 steps
Default: 80

DLY controls delay characteristics.
Range: 50-500 (in steps of 1)
Default: 138

DLY MIX controls the amount of audible delay.
Range: Min (0) - Max (100), in 0.1 steps
Default: 80

Lead

SENSITIVITY controls input levels.
Range: +/- 50 (in 0.1 steps)
Default: -4.2

SENSITIVITY LED indicates the presence of proper levels.
Range: Green (good), Yellow (optimal), Red (very hot)

COMPRESS controls dynamics.
Range: Min (0) - Max (100), in 0.1 steps
Default: 50

TREBLE 2 controls high frequencies.
Range: Min (0) - Max (100), in 0.1 steps
Default: 38.9

MID 2 controls midrange frequencies
Range: Min (0) - Max (100), in 0.1 steps
Default: 22.2

OUTPUT controls the output level.
Range: +/- 50
Default: 0

FX controls the amount of signal sent to the effect.
Range: Min (0) - Max (100), in 0.1 steps
Default: 60.5

DEPTH controls the depth of the flange effect.
Range: Min (0) - Max (100), in 0.1 steps
Default: 16.2

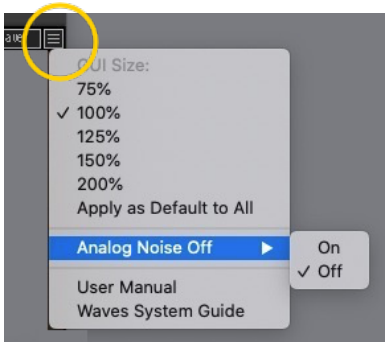
FLANGE MIX controls mix of flange effect.
Range: Min (0) - Max (100), in 0.1 steps
Default: 59.3

VERB MIX controls amount of reverb sent to the effect.
Range: Min (0) - Max (100), in 0.1 steps
Default: Max (100)

DLY controls delay characteristics.
Range: 50-500 (in steps of 1)
Default: 138

DLY MIX controls the amount of audible delay.
Range: Min (0) - Max (100), in 0.1 steps
Default: 80

ANALOG NOISE



Eddie Kramer Guitar Channel is modeled after specific elements in the analog signal flow. Part of this modeling includes adding a small amount of noise. You can use Kramer Guitar processing without the analog noise to achieve a very clean, but slightly different, sound. Open the Toolbar menu in the upper right corner of the plugin to turn analog noise on or off. Default: off.

3.3 WaveSystem Toolbar

Use the bar at the top of the plugin to save and load presets, compare settings, undo and redo steps, and resize the plugin. To learn more, click the icon at the upper-right corner of the window and open the WaveSystem Guide.