WAVES
Eddie Kramer Effects Channel
User Guide



WAVES

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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.

In many cases, changing other controls after adjusting Sensitivity may 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.

1.4 A Few Words from Eddie Kramer

"For the Effects Channel plug-in, I set out to recreate some of the basic elements that I use whenever I'm painting a sonic picture. Over the years, these elements have evolved to suit a variety of sources and styles, from whispering vocals to screaming guitars and beyond.

- **H-Slap** is a shorter delay that emulates tape at 15 inches per second, with some EMT plate reverb at a medium setting.
- **Z-Slap** is a longer delay (7 ½ inches per second) with a bit of feedback and a longer setting on the EMT plate.

Between the two, you'll easily find the ideal setting for almost anything you can throw at it."

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 Effects Channel has two components:

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

Chapter 2 – Quickstart Guide



- Insert the EKramer FX plug-in on the track you wish to process.
- Choose the FX type you want to hear.
- Adjust the Sensitivity control until you achieve proper levels, as indicated by the Sensitivity LED.
- Adjust the various controls to shape your sound.
- 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



DIRECT IN/OUT determines whether the direct signal is fed to the output. When using the plug-in as an insert, choose Direct In; when using as a send return, choose Direct Out.

Range: In, Out
Default: In



METER Switch toggles meter display between input and output levels.

Default: Output



METER displays input or output levels.

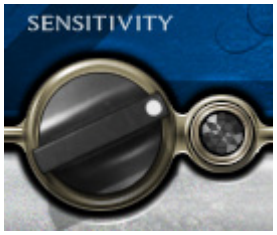
Range: -24dBFS – 0dBFS

Z-SLAP



TYPE selects the effect type.
Range: Z-Slap, H-Slap
Default: Z-Slap

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



SENSITIVITY controls input levels.
Range: Min (0) - Max (100), in 0.1 steps
Default: 50

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



DLY controls the time of the slap delay.
Range: 50 – 500 (in steps of 1)
Default: 272



DLY MIX controls the mix or direct send to the slap delay.
Range: Min (0) - Max (100), in 0.1 steps
Default: 58



SIZE controls the size and time of the reverb effect.
Range: Min (0) - Max (100), in 0.1 steps
Default: 41



BRIGHTNESS controls the high frequency range of the reverb effect.
Range: +/- 50 (in 0.1 steps)
Default: 26.7



VERB MIX controls the amount of reverb effect that will be mixed with the input signal.
Range: Min (0) - Max (100), in 0.1 steps
Default: 80



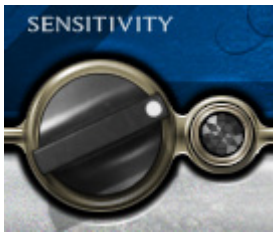
OUTPUT controls the output level.
Range: +/- 50 (in 0.1 steps)
Default: 0

H-SLAP



TYPE selects the effect type.
Range: Z-Slap, H-Slap

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



SENSITIVITY controls input levels.
Range: Min (0) - Max (100), in 0.1 steps
Default: 50

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



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



DLY MIX controls the mix or direct send to the slap delay.
Range: Min (0) - Max (100), in 0.1 steps
Default: 72



SIZE controls the size and time of the reverb effect.
Range: Min (0) - Max (100), in 0.1 steps
Default: 41



BRIGHTNESS controls the high frequency range of the reverb effect.
Range: +/- 50 (in 0.1 steps)
Default: 26.7



VERB MIX controls the amount of reverb effect that will be mixed with the input signal.
Range: Min (0) - Max (100), in 0.1 steps
Default: 80



OUTPUT controls the output level.
Range: +/- 50 (in 0.1 steps)
Default: 0

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.