WAVES
Eddie Kramer Drum 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 3 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 Drum Channel plug-in really captures the essence of my drum sounds. Whether you're trying to achieve a huge Zep-like sound with loads of atmosphere, or are going for something more dry and down-to-earth like the Stones, or need a heavily-compressed, squashed, Hendrix-type sound, this is the plug-in that will get you there, quickly and easily. Since there are individual modes for bass drums, snares, and so on, you can really mix things up by creating your own hybrid drum kits, using your favorite elements from each."

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 Drum Channel two components:

- EKramer DR mono – Mono in to Mono out component
- EKramer DR stereo – Stereo in to Stereo out component

Chapter 2 – Quickstart Guide

- Insert the EKramer DR plug-in on a drum track.
- Select the desired Drum Type.
- Adjust the Sensitivity control until you achieve proper levels, as indicated by the Sensitivity LED.
- Adjust the Bass, Treble, Gate, and Compress controls to taste.
- After setting all parameters, check to make sure the Sensitivity LED indicates proper levels. If it indicates excessive levels, make the necessary adjustments.

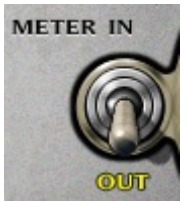
Chapter 3 – Interface and Controls

3.1 Interface

3.2 Controls

TYPE toggles between the 6 drum types.
Range: BD, SNR, HH, Toms, OH, Room

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

BD

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 the track's dynamics.
Range: Min (0) - Max (100), in 0.1 steps
Default: 40.5

GATE controls the gate threshold.
Range: +/- 50 (in 0.1 steps)
Default: -12.7

FX controls the track's FX send gain.
Range: Min (0) - Max (100), in 0.1 steps
Default: Min (0)

TREBLE controls the high frequencies.
Range: 0– 5 (in steps of 1)
Default: 3

BASS controls the low frequencies.
Range: 0 – 5 (in steps of 1)
Default: 2

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

SNR

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 the track's dynamics.
Range: Min (0) - Max (100), in 0.1 steps
Default: 44.5

FX controls the track's FX send gain.
Range: Min (0) - Max (100), in 0.1 steps
Default: 30

TREBLE controls the high frequencies.
Range: 0 – 5 (in steps of 1)
Default: 2

BASS controls the low frequencies.
Range: 0 – 5 (in steps of 1)
Default: 1

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

HH

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)

TREBLE controls the high frequencies.
Range: 0 – 5 (in steps of 1)
Default: 1

BASS controls the low frequencies.
Range: 0 – 5 (in steps of 1)
Default: 3

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

Toms

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 the track's dynamics.
Range: Min (0) - Max (100), in 0.1 steps
Default: 85.3

FX controls the track's FX send gain.
Range: Min (0) - Max (100), in 0.1 steps
Default: 55

TREBLE controls the high frequencies.
Range: 0 – 5 (in steps of 1)
Default: 1

BASS controls the low frequencies.
Range: 0 – 5 (in steps of 1)
Default: 2

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

OH

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)

TREBLE controls the high frequencies.
Range: 0 – 5 (in steps of 1)
Default: 2

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

Room

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)

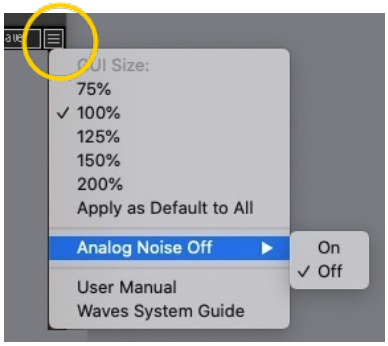
COMPRESS controls the track's dynamics.
Range: Min (0) - Max (100), in 0.1 steps
Default: 21.5

TREBLE controls the high frequencies.
Range: 0 – 5 (in steps of 1)
Default: 1

BASS controls the low frequencies.
Range: 0 – 5 (in steps of 1)
Default: 1

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

ANALOG NOISE



Eddie Kramer Drum 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 Drum 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.