

WAVES

CLA BASS

USER GUIDE



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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 other 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 Artist 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 CLA Artist Collection consists of 6 plug-ins, each designed to handle a specific mixing task.

- CLA Vocals
- CLA Drums
- CLA Bass
- CLA Guitars
- CLA Unplugged
- CLA Effects

1.3 Concepts and Terminology

Sensitivity Control/Sensitivity LED

The Sensitivity LED's 3 colors indicate when appropriate levels are reached:

- ❖ LED Off (too low)
- ❖ Green (good)
- ❖ Yellow (optimal)
- ❖ Red (very hot)

Push the Sensitivity Control upwards 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 for your source material may be achieved even when the Sensitivity LED does not display "optimal" levels (yellow). As always, trust your ears.

Color

Each fader on CLA Artist Signature Collection plug-ins controls a specific function, such as compression or reverb. Each function has a color-coded selector which controls the internal characteristics of that function, resulting in a different sound character or "Color." You can mix and match different colors across the different faders.

1.4 A Few Words from Chris

"From sub-shaking smooth sounds to Mr. Buzzsaw, CLA Bass is just what the doctor ordered. The plug-in was designed to help you lay down a solid foundation for any song. It gives you six essential effects: bass, treble, compression, sub, distortion, and chorus/flange. Whether you want it to rip, roar, growl, bark, or cut, CLA Bass delivers."

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.

CLA Bass has two components:

- CLA Bass Mono-to-Stereo – Mono in to Stereo out component
- CLA Bass Stereo – Stereo in to Stereo out component

Chapter 2 – Quickstart Guide

- Insert the CLA Bass plug-in on a bass track.
- Adjust the Sensitivity control until you achieve proper levels, as indicated by the Sensitivity LED and the input meter.
- The current plug-in settings now represent Chris's default setup for this instrument.

Tweak the following controls to fit your mix:

- Adjust the Bass and Treble faders. Toggle through the Colors to find the EQ that works best for the song.
- Use Compress for dynamic range control. Toggle through the Colors to find that which works best for the song.
- Adjust Sub, Distortion and Pitch effect levels. Toggle through the Colors to find that which works best for the song.

Please note:

- When all colors are set to clear (Bypass/Mute), some fixed processing as designed by Chris is still active.
 - EQ adjustment will take effect once the EQ faders are moved. At zero, cycling through the EQ Colors will have no effect.
 - All other faders are active and set to Chris's default setup when at zero.
- > If the Output meter goes into the red, use the Output fader to lower the Output level.

Chapter 3 – Interface and Controls

3.1 Interface



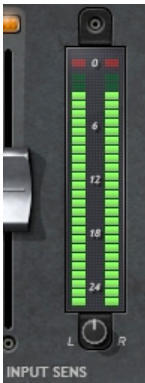
3.2 Controls



Input Sensitivity is used to achieve optimal plug-in input level.

Range: +/- 10 (in 0.1 steps)

Default: 0



Input Meter displays input signal peak level.

Range: -26 to 0 dBFS

Clip LED lights up when levels exceed 0 dBFS. Click inside the meter area to reset.



Balance adjusts the offset between left and right signals. *(Stereo component only)*

Range: +/- 6 dB (in 0.1 steps)

Default: 0



Sensitivity LED indicates the presence of proper levels.

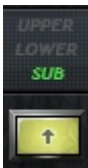
Range: LED off (too low), Green (good), Yellow (optimal), Red (very hot)



Bass controls low frequency gain.

Range: +/- 10 (in 0.1 steps)

Default: 0



Bass Color toggles between low frequency filters.

Range: Clear (Bypass), Green (Sub), Blue (Lower), Red (Upper)

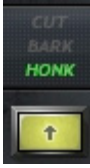
Default: Green (Sub)



Treble controls high frequency gain.

Range: +/- 10 (in 0.1 steps)

Default: 0



Treble Color toggles between high frequency filters.

Range: Clear (Bypass), Green (Honk), Blue (Bark), Red (Cut)

Default: Green (Honk)



Compress controls the dynamic range.

Range: +/- 10 (in 0.1 steps)

Default: 0



Compress Color toggles between compression characters.

Range: Clear (Bypass), Green (Push), Blue (Spank), Red (Wall)

Default: Green (Push)



Sub enhances very low frequencies.

Range: +/- 10 (in 0.1 steps)

Default: 0



Sub Color turns sub enhancement on/off.

Range: Clear (Off), Green (On)

Default: Green (On)



Distortion controls the amount of distortion.

Range: +/- 10 (in 0.1 steps)

Default: 0



Distortion Color toggles between different distortion types.

Range: Clear (Mute), Green (Growl), Blue (Roar), Red (Rip)

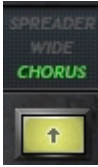
Default: Green (Growl)



Pitch controls the pitch modulation wet mix.

Range: +/- 10 (in 0.1 steps)

Default: 0



Pitch Color toggles between pitch modulation types.

Range: Clear (Mute), Green (Chorus), Blue (Wide), Red (Spreader)

Default: Green (Chorus)



Output controls the output level.

Range: +/- 10 (in 0.1 steps)

Default: 0



Output Meter displays output signal peak level.

Range: -26 to 0 dBFS

Clip LED lights up when levels exceed 0 dBFS. Click inside the meter area to reset.

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.