ToneSpot Bass Pro

User Manual

Version 1.0

http://shop.audified.com/products

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Introduction

Thank you for purchasing AUDIFIED ToneSpot Bass Pro. ToneSpot Bass Pro is an ultimate mixing channel strip for bass guitars delivering monstrous processing power and flexibility for the tone you are dreaming about.

What Is Included

ToneSpot Bass Pro contains 9 powerful modules:

- Character
- SBG
- Saturation
- Shaping
- Punch
- Surgery
- Smash
- Effects
- Finalizer

How It Works

The main value of the ToneSpot Bass Pro is in carefully tuned combinations of parameters, settings and workflow based on the analysis of thousands of world-class records. This allows you to significantly speed up your work and improve your tone no matter what amp, pedal or plug-in you are using for your bass guitar processing.

The Character module determines the basic flavor of the resulting sound. But it's only the beginning. In this plug-in there is a stunning amount of flexibility and processing power for fine tuning your tone by plenty of modules perfectly tailored for bass guitar processing.

Additionally to all this, the plug-in offers Audified intelligent Auto Gain Control (AGC) feature on both Input and Output level controls for easy gain staging.

The Saturation module includes a classic Audified-quality model of real valve circuits.

Of course, there is also full-featured preset management. You may save your corrections to the prepared sounds to presets inside the ToneSpot Bass Pro or utilizing the DAW project storage.

Software Installation

Download the recent version of the application:

http://services.audified.com/download

- **Windows**: The downloaded file is packed, unzip it. Run the installer and follow the on-screen instructions. You can select the destination path and the installed plug-in format during the process.
- **Mac**: Mount the downloaded disk image and run the installer. You can select the installed plug-in format by clicking the Customize button. Plug-ins are installed in the standard locations and the control app appears in the Applications folder.

Software Uninstallation

- **Windows**: Navigate to the ToneSpot Bass Pro program folder in the Start menu and run the uninstaller.
- **Mac**: Open the provided disk image and run the uninstaller. Opening The Plug-in

The AUDIFIED ToneSpot Bass Pro works in all main digital audio workstations (recording applications) as a plug-in.

Opening the plug-in

To open the plug-in, locate the plug-in selection (usually a hierarchic menu). ToneSpot Bass Pro is listed in the Other group or in the AUDIFIED group when the manufacturer sorting is offered.

Working with ToneSpot Bass Pro

Control overview

Preset management

Presets can be loaded and saved in the display area.

- The left button offers a selection from a preset list, structured in several submenus.
- The mid button opens a menu allowing to save or delete user presets.

Services menu

The display contains the Services button (wrench symbol), opening the Services menu.

The Services menu allows to access:

- Help - this User manual
- Calibration
- Product updates
- Audified web site
- Support area on the Audified web
- Feedback form on the Audified web
- Product version and other info

Calibration

The Calibration value adjusts the relation between the digital zero (maximum signal value in digital systems) and the analog zero (the value which is displayed in signal meters, affecting the non-linear characteristics of the effect).

Default Calibration value is -9 dBFS, so 0 dBVU equals -9 dBFS.

Recommended Workflow

Basic

1. Set the default calibration of the plug-in according to your preferences and working headroom so the meter shows the signal being around 0 dBVU
2. Choose one of the factory presets
3. Done

Advanced

1. Set the default calibration of the plug-in according to your preferences and working headroom so the meter shows the signal being around 0 dBVU
2. Choose the Character Type and activate additional Character buttons according desired flavour
3. Adjust the Sub-Bass Generator (SBG) Cut-Off frequency and Intensity
4. Add a cup of valve Saturation and mix it with the dry signal
5. Adjust Shaping EQ parameters
6. Add some punch to your tone by adjusting Punch compression parameters
7. Do some surgical filtering of unwanted frequencies by adjusting Surgery EQ parameters if needed
8. Adjust Smash compression parameters to bring your tone under control
9. Add some effects for some extra fun
10. Adjust Finalizer parameters to finally polish your tone
11. Done

Detailed controls description

AGC

AGC is an automatic gain control feature that automatically and constantly sets the level of the signal to the plug-in's 0 dBVU. Both Input and Output level knobs have their own AGC buttons.

Character

Let's change the character of your tone so you can get some exciting new colors with one click.

Character is an incredible set of EQ filters grouped into some intuitively and musically labeled controls.

Feel free to combine 3 basic character types with 3 additional powerful character buttons.

Character parameters:

Character Type is a 3-way switch with Natural, Vintage and Modern EQ curves. The Natural type is simply the flat EQ while Vintage and Modern types have some broader EQ curves but the effectivity of those curves is very good and tone changes are easily audible. So "less is more" kinda approach was applied here.

Growl button activates a set of drastic EQ filters that makes your tone stand out. Depending on your bass guitar's natural tone, the Growl button can make your tone huge in upper midrange and help your tone to stand out in the music jungle.

Scoop button activates very deep cut of lower-midrange frequencies, helps to make the bass tone mode 3-dimensional and less woody. The Scoop button is so powerful that it can transform the woody character of a vintage bass guitar into the modern bass monster.

Lo-Fi button activates a low-cut and high-cut filters to slightly cultivate your tone so it's frequency range doesn't clash with other instruments too much.

SBG

Is your tone lacking something at the bottom? Add some balls to your tone so it gets what it needs.

SBG is the brand new Audified sub-bass generator. You can use the SBG to add some extra low frequency content to your tone so it comes to life in a unique way!

SBG parameters:

- Cut-Off knob sets the cut-off frequency of the generator ranging from 20 Hz to 200 Hz. The higher the frequency is set the more "oomph" and richness will your tone get.
- Intensity knob determines how much of the processed signal is added to the original signal.

Saturation

Add the valve saturation to your tone so it gets some grit and fullness.

ToneSpot Bass Pro has an advanced model of a real valve saturation circuit having almost flat response with only light high frequencies roll off and nice higher harmonics punch.

Saturation parameters:

- **Clip indicator** lights up when the signal incoming to the saturation circuit is too hot and the signal is hard-clipped
- **Gain knob** adjusts the amount of saturation. The higher saturation levels add harmonics to the incoming signal
- **Boost button** increases the signal level right before the saturation circuit to get even stronger saturation
- **Mix knob** controls the overall blend of saturated and unsaturated signal. 100 % mix means that 100 % of the signal is going through saturation circuit.

Shaping

Shape your tone with 8-band musically labeled EQ.

For the better flexibility, there are frequency switches to perfectly match all your shaping needs. The Q factor of the peak filters is set quite low so the shaping tasks are musical enough but not super-broad so the filters are not clashing.

Shaping controls:

- **Low-Cut knob** adjusts the critical frequency of a 2nd order HPF filter ranging from 20 Hz to 160 Hz.
- **Weight knob** adjusts a 2nd order low shelf filter with 2 selectable critical frequencies (120 Hz or 240 Hz), the frequency switches are below the knobs. The range of the knob is from -9 dB to + 9 dB.
- **Thump knob** adjusts a peak filter with 2 selectable critical frequencies (18 0Hz or 360 Hz). The range of the knob is from -9 dB to + 9 dB.
- **Body knob** adjusts a peak filter with 2 selectable critical frequencies (500 Hz or 750 Hz). The range of the knob is from -9 dB to + 9 dB.

- **Cut Through** knob adjusts a peak filter with 2 selectable critical frequencies (1k Hz or 1k5 Hz). The range of the knob is from -9 dB to + 9 dB.
- **Fret Noise knob** adjusts a peak filter with 2 selectable critical frequencies (2k4 Hz or 3k6 Hz). The range of the knob is from -9 dB to + 9 dB.
- **Air knob adjusts** the 2nd order high shelf filter with 2 selectable critical frequencies (2k2 Hz or 4k4 Hz). The range of the knob is from -9 dB to + 9 dB.
- **High-Cut knob** adjusts the critical frequency of a 2nd order LPF filter ranging from 2k4 Hz to 20 kHz.

Punch

The name speaks for itself. Add some slamming punch to your tone.

For better flexibility there is a compression release switch.

Punch is a hard-hitting compressor with slower attack time and extreme compression ratio so it makes any bass tone very powerful and full of enhanced transients. It makes the bass guitar to almost jump out of the speakers you are listening through. But it's very clean sounding with very low distortion, so it's very useful for slap bass techniques and for creating some punch and adding life to a flat sounding heavily distorted bass tones. Squash your tone with Punch to kick it up, it's an assassin tool.

Punch controls:

- **Comp knob** adjusts compression threshold (the range of threshold is from -30 dB to 0 dB).
- **Fast/Slow switch** switches between 2 compression release times (Fast = 50 ms, Slow = 500 ms).
- **Make-up knob** compensates the volume loss when applying compression (the range is from -12 dB to +12 dB).
- **Mix knob** is a blend between compressed and uncompressed signal. 100 % mix means that 100 % of the signal is going through compressor.

Surgery

Sometimes you need to go really deep with some surgical EQ, right?

-50 dB attenuation?

No problem.

Surgery is an extreme surgical peak EQ with 2 identical filters. The Q factor of the filters is high and can be switched to even higher Q setting by Hi Q button. The range of both frequency and gain controls is monstrous, so you can go really tight, deep and solve any problem in the bass guitar related spectrum.

Surgery controls:

- **Frequency knob** adjusts the critical frequency of the filter, ranging from 20 Hz to 20k Hz. Since the range is very wide, feel free to use the numerical input by clicking in the knob's tooltip and simply enter the desired frequency value.
- **Hi Q button** activates Hi Q mode of the filter (Q = 10).
- **Gain knob** adjusts the gain of the filter. The range of the filter is from -50 dB to +20 dB so the dB mark is not at noon position.

Smash

Do you want to have your tone more dynamically controlled but not completely dead?

This is what you are looking for.

For the better flexibility there is compression release switch.

Smash is a peak-eating levelling compressor with faster attack time and gentle compression ratio so it can take the dynamics of your tone under control. But it's not all. Smash compressor also adds some mild distortion to add some extra grit to your tone. In combination with Punch compressor it makes your tone more consistent while still adding something new to your tone and since it's attack time is not super-fast, it leaves a significant amount of enhanced transients acquired by using Punch compressor.

Smash controls:

- **Comp knob** adjusts compression threshold (the range of threshold is from -50 dB to 0 dB).
- **Fast/Slow switch** switches between 2 compression release times (Fast = 30 ms, Slow = 150 ms).
- **Make-up knob** compensates the volume loss when applying compression (the range is from -12 dB to +12 dB).
- **Mix knob** is a blend between compressed and uncompressed signal. 100 % mix means that 100 % of the signal is going through compressor.

Effects

Need some fun?

Try to add Octaver, Auto-Wah, Modulation, or all of them.

ToneSpot Bass Pro has 5 effects suitable for bass guitar processing. The effects are sorted in 3 groups - Octaver, Auto-Wah and Modulation. Modulation group has 3 effects - Chorus, Flanger and Phaser.

Effects controls:

- **Octaver type switch** is a 3-way switch with Octave Up, Octave Down and Both octaves modes.
- **Octaver Intensity knob** determines how much of the processed signal is added to the original signal.
- **Auto-Wah type switch** is a 3-way switch with Lo, Mid and Hi modes. Those modes represent where the Auto-Wah critical frequencies lie.
- **Auto-Wah Intensity knob** determines how much of the processed signal is added to the original signal.
- **Auto-Wah Sync** function adjusts the speed of the LFO. If any Sync note is selected, the LFO speed is adjusted according to the host application tempo and chosen sync value. If the Sync value is in the Off position, then the LFO speed is set to 0.1 Hz.
- **Modulation type switch** is a 3-way switch with Chorus, Flanger and Phaser modes.
- **Modulation Intensity knob** determines how much of the processed signal is added to the original signal.
- **Modulation Sync** function adjusts the speed of the LFO. If any Sync note is selected, the LFO speed is adjusted according to the host application tempo and chosen sync value. If the Sync value is in Off position, then LFO speed is set to 0.1 Hz.

Finalizer

This is the mastering section of your tone.

Sometimes the tone needs some final touch. Some sweetness, fatness, tightness and smoothness.

Finalizer controls:

- **Enhancer knob** adjusts the additive gain amount of 2nd order low shelf and high shelf filters. The filters are coupled and the range of the gain is from 0 dB to +10 dB. Low shelf filter is set at 500 Hz and the High shelf filter is set at 2k Hz.
- **Fat button** is a hardset peak filter with the center frequency set at 600 Hz and gain at +6 dB.
- **Tight button** is a combination of 4 subtractive EQ filters and a multi-band compressor.
- **Smooth button** represents a set of 5 smoothing EQ filters with different filter types.

Technical info

Specification

- AAX, AU, VST3,
- macOS, Windows plug-ins

Requirements

- macOS 10.11 and newer
- Windows 7 and newer
- 150 MB of disk space required

Conclusion

We are confident that you can now work with ToneSpot. However, if anything seems unclear or you need assistance, feel free to contact us at

http://services.audified.com/support

Thanks for using AUDIFIED products.