BASSLINE

User Guide

English

Manual Version 1.1

Introduction

Thank you for purchasing the AIR Bassline plugin instrument. The AIR Bassline plugin emulates the sound of classic mono synths, with a contemporary twist. Bassline also comes packaged with four integrated AIR effects (Chorus, Delay, Compressor and Hype), as well as two built-in distortion algorithms (Overdrive and Clip).

This user guide explains the features and functions of the plugin instrument. For more information on using this plugin with other software, please refer to your software's documentation for adding and using plugin instruments.

System Requirements & Product Support

For complete system requirements and compatibility information, visit **airmusictech.com**.

For technical support, visit **support.airmusictech.com**.

Installation

1. Double-click the **.exe** (Windows) or **.pkg** (macOS) file you downloaded. Follow the on-screen instructions to install the software.
2. Open the plugin application.
3. Click **Sign In** to sign into your inMusic Brands Profile using your Internet browser. If you do not have an inMusic Brands Profile yet, you will be prompted to create one.
4. Once you have signed in, click **Activate** in the plugin window to enter your serial key to unlock the plugin. You can unlock each plugin on up to three devices at a time.
5. If you do not have a serial key, you can click **Try Unlicensed** to explore the plugin with intermittent audio alerts. You can also click **10-Day Trial** to initiate a free, fully featured trial of the plugin for 10 days.

   If you would like to purchase a serial key, click the link to purchase a license at **profile.inmusicbrands.com**.

Operation

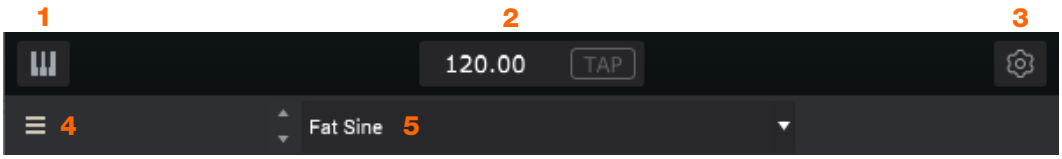
Overview

Setup Section

Controls

Effects On/Off, Synth/FX Control Toggle

Setup Section



1. **Keyboard:** Click this icon to enable or disable the virtual keyboard. When enabled, you can click these keys to input notes, or view notes being played on an external MIDI device.
2. **Tempo:** Displays the current plugin tempo. To change the tempo:
   - Click the number and use your keyboard to input a new value.
   - Click and drag the tempo value up or down using your cursor.
   - Click the **Tap** button at regular intervals.
3. **Settings:** Click this icon to open the Settings window, where you can set the following parameters:
   - **Output:** to select an audio hardware driver in your computer system. Click the **Test** button to play a test tone for checking your audio output settings. (Careful! You should lower the volume on your audio system beforehand.)
   - **Sample Rate:** Click this drop-down menu to select the desired sample rate for your project. This depends on the available sample rates of the type of MPC hardware you are using or of your audio interface (i.e., select **96000 Hz** only if your interface allows a 96 kHz sample rate).
   - **Audio Buffer Size:** Click this drop-down menu to set your audio system's latency. Lower values result in a more immediate playing response but also more CPU consumption. If you are working with larger projects, this may cause audible clicks and pops. Higher values are more CPU-friendly but can produce more delay between pressing a pad and hearing the corresponding sound. The ideal audio buffer size also depends on your computer's CPU performance. Experiment with this to find the best setting for your system.
   - **Active MIDI Inputs:** Displays available MIDI input devices. To enable a device, check the box next to its name.
   - **Bluetooth MIDI:** Click this icon to open your system's Bluetooth settings menu, where you can select a Bluetooth-enabled MIDI device to control the plugin.
4. **Menu:** Click this icon to open the menu, where you can find the following options:
   - **Scale:** Click here to select a value to scale the plugin window to a new size.
   - **Load Preset:** Click here to load a saved preset.
   - **Save Preset:** Click here to save the current preset.
   - **Open User Guide:** Click here to open this User Guide.
   - **About:** Click here to view plugin version information.
5. **Preset:** Click this drop-down menu to view the list of included plugin presets. You can also click the up and down arrows next to this field to move to the previous or next preset.

Synth Controls

Parameter		Description	Value Range
Velocity Control	Amp Control	The amount of effect velocity has on amplitude control.	0–100%
	Filter Control	The amount of effect velocity has on filter control.	0–100%
	Boost Control	The amount of effect velocity has on boost control.	0–100%
Bend Range		Number of semitones up or down controlled by MIDI pitch bend messages.	0–12
Glide Time		Amount of time to slide from the pitch of one note to the next note played.	10.0 ms – 2.00 s
Level		Sets the volume level.	-Inf dB – +6.0 dB

Parameter		Description	Value Range
Oscillator	Start Phase	Position of the waveform when a note is triggered.	Free, 0 Degr., 180 Degr.
	Waveform	Continuously variable waveshape for the oscillator. Click and drag on the name below the waveshape image or the waveshape name bar to adjust.	Saw Octave, Saw, Square, Sine
	Sub-Octave	Amount of sub-octave oscillator.	0–100%
	Fifth	Amount of fifth-oscillator.	0–100%
	Boost	Boosts the signal of the oscillator.	0.0 – 48.0 dB
	Boost Freq.	Center frequency of the boost.	* 1.0 – * 240.0
	Boost Envelope	Amount of effect of the envelope on the Boost section. Adjust **Gain** to control the amount of boost. Adjust **Frequency** to control the center frequency of the boost.	Gain 0–100%, Off, Frequency 0–100%
Filter	LP Cutoff	Cutoff frequency for the low-pass filter.	20.0 Hz – 20.0 kHz
	Reso	Amount of resonance of the filter.	0–100%
	Filter Env	Envelope of the filter. At negative values, decreases the cutoff value based on the decay value. At positive values, increases the cutoff value based on the decay value.	-100% – 0 – +100%
	HP Cutoff	Cutoff frequency for the high-pass filter.	10.0 – 500 Hz
Envelope	Amp Attack	Length of time for the note to reach full volume.	0–100 Soft, 0–100% Hard
	Amp Decay	Length of time for the note to reach the sustained volume.	0–100%
	Filter Decay	Length of time for the filter to reset after being released.	0–100%
	Pitch Mod	Amount of pitch modulation applied to the envelope.	0–100%
Drive	Drive Type	Choose one of two drive algorithms.	Overdrive, Clip
	Drive Amount	Amount of drive applied.	0–100%

FX Controls

Parameter	Description	Value Range
FX On/Off	Enables or disables the selected effect.	Off, On
Synth/FX	Toggles the main plugin view between synth parameters and effects parameters.	Synth, FX

Parameter		Description	Value Range
Chorus	Rate	Modulation speed of the chorus effect.	20.0 Hz – 20.0 kHz
	Depth	Modulation depth of the chorus effect.	0–100%
	Mix	Wet/dry amount of the chorus effect.	-100% – 0 – 100%

Parameter		Description	Value Range
Delay	Sync	Sync the Delay **Time** to the **Global Tempo** or set to **Free** to adjust **Time** by milliseconds.	Off, On
	Time	Length of time of the delayed signal.	
		When **Sync** is set to **Off:**	1 ms – 2.00 s
		When **Sync** is set to **On:**	1/32 – 8/4
	Ratio	Reduces the delay **Time** in either the **Left** or **Right** stereo field. This is useful for creating offset, panned delays.	L 50:100, R 100:50
	HPF	Center frequency for delay signal high-pass filter.	20.0 Hz – 1.0 kHz
	Feedback	Amount of signal fed back into the delay line.	0–100%
	Damp	Center frequency of where the delay signal will be dampened.	1.00 – 20.0 kHz
	Reso	Amount of resonance of the feedback signal.	0–100%
	Reso Freq	Center frequency for feedback resonance.	100 Hz – 10.0 kHz
	Width	Stereo width of delay signal. Higher values give wider stereo separation.	0–100%
	Mix	Wet/dry amount of the delay effect.	0–100%

Parameter		Description	Value Range
Compressor	Threshold	Signal level after which the compressor will be applied.	0.0 – -60. dB
	Ratio	Amount of compression applied.	1.0:1 – 100.0:1
	Knee	How gradually the compressor reacts as the threshold is reached. Lower values apply a "soft" knee (compression is applied more slowly as signal approaches the threshold), and higher values apply a "hard" knee (compression is immediately applied when the threshold is reached).	0–100%
	Attack	Length of time to apply the compression.	100 us – 300 ms
	Release	Length of time for compressed signal to return to original level.	10.0 ms – 4.00 s
	Output	Amount of additional output gain for the compressed signal.	0.0 – 30.0 dB
	Mix	Wet/dry mix of the compressor effect.	0–100%

Parameter		Description	Value Range
Hype	High	Dampens or maximizes high end frequencies.	-100 – 0 – +100%
	Low	Dampens or maximizes low end frequencies.	-100 – 0 – +100%

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