



miniBit is a 8-bit/chiptune style synthesizer that emulates the sound of 80s game consoles and retrocomputers. It features a main oscillator with 12 waveforms paired with a sub oscillator (a square wave pitched one octave below). The waveforms are not bandlimited and will produce aliasing. Furthermore, using the built-in bitcrusher, you can create even more noisy and retro sounds.

Specifications

- 12 Waveforms
- Sub Oscillator
- Poly and Mono mode with Glide
- 2-poles Low Pass Filter
- Delay and BitCrusher effects
- LFO with multiple destinations
- Preset system with randomizer
- Formats: VST, AU, and AAX (32/64bit)
- Platforms: OSX, Windows

Installation

OSX

- Double click on the DMG image *miniBit.dmg*
- Right click on the package *miniBit.mpkg* and click open
- Follow the instructions to install the plug-in(s)

Windows

- Extract *miniBit.rar*
- Run *miniBitSetup.exe*
- Follow the instructions to install the plug-in(s)

Registration

In demo mode the plugin will output silence for 6 seconds every 20 seconds. To register it, you should have a valid license file (*miniBit_license.atl*).

Click on the help button [?] and then choose *Registration*.

A popup window will open, click on Load License File... and locate your license file (*miniBit_license.atl*).

Controls

LFO

<i>Rate</i>	Controls the frequency of the modulation
<i>Sync</i>	Select the range of the Rate knob (% or synced)
<i>Wave</i>	Select the modulation waveforms
<i>Destination</i>	The destination of the modulation
<i>Amount</i>	The amount of modulation

ENVELOPE

<i>Attack</i>	Controls the attack time of the volume envelope
<i>Decay</i>	Controls the decay time of the volume envelope
<i>Sustain</i>	Controls the gain value of the volume envelope
<i>Release</i>	Controls the release time of the volume envelope

OSCILLATOR

<i>FineTune</i>	Controls the pitch of the oscillator in cents
<i>Tune</i>	Controls the pitch of the oscillators in semitones
<i>Volume</i>	The volume of the main waveform
<i>Waveform</i>	Select the main oscillator waveform
<i>Sub Osc</i>	Controls the volume of the sub oscillator (square -12)
<i>Poly</i>	Enable/Disable polyphonic mode
<i>Glide</i>	Controls the portamento between two legato notes in mono mode

FILTER

<i>Cutoff</i>	Controls the cutoff frequency of the Low Pass Filter
<i>Resonance</i>	Controls the gain of the feedback in the filter

DELAY

<i>Time</i>	Controls the time between repetitions
<i>Sync</i>	Select the range of the Time knob (% or synced)
<i>Feedback</i>	Controls the amount of repetitions
<i>Wet</i>	Controls the amount of Delay signal

CRUSHER

<i>Bits</i>	Reduce the bit-depth of the sound causing distortion
<i>Samplerate</i>	Reduce the samplerate frequency causing aliasing

Credits

Concept & Sound Design: Carlo Castellano

Design: John Gordon (vstyler)

Programming: Carlo Castellano

EULA

Please visit <http://www.audiothing.net/eula/> to review this product EULA.

Thank You

Thank you for buying AudioThing miniBit! We hope you will have as much fun using it as we had making this product.

For help or any question, feel free to mail us: info@audiothing.net

