

BEAT SCHOLAR



A New Way to Compose Rhythm.

Beat Scholar is a rhythmic composition app & plugin, designed to deliver a uniquely intuitive & creative experience when composing drum patterns and beats.

Beat Scholar makes exploring the most interesting, deep concepts in rhythm as easy as slicing a pizza pie... and as fun as eating one. You'll see in a sec!

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Important Note -

The iPad version of Beat Scholar has the exact same feature set as the desktop version, the bulk of the differences lies in the UI/UX adaptations to touch gestures and spacing.

To get an in-depth, button by button explanation of the features in Beat Scholar it is advised to browse the desktop user manual here: <https://downloads.modalics.com/BeatScholar/Beat%20Scholar%20Manual.pdf>

Min Supported System Specs

Any iPad that with iOS 11 Installed

iPad Version Formats:

AUv3, MIDI Component & Standalone

Beat Scholar should run on any DAW that supports the formats listed above.
if you run into any issues let us know at info@Modalics.com



Preset Menu & Navigation

Tap the preset name to open the preset menu
Tap the left/right arrow to navigate the preset list
Save Preset - Open save preset prompt
Load Preset - Load preset file
MIDI Channel - Select MIDI channel output for Beat Scholar, choosing "Any" will route each pad to a different channel sequentially
Enable Menu - Bypass the sequencer, sampler aux or master modules
User Data Import - Import all user preset types from a location on your device
User Data Export - Export all user preset types to a location on your device

Transport Controls

Swing - Set swing values (+-200%) tap and hold to open swing reference menu
BPM - Drag up/down to set BPM, double tap to type in values (When in DAW reflects DAW BPM)
Play - Tap to start transport (When in DAW playback syncs to the DAW play button and will not work on it's own)

Additional Controls

Randomizer Button - Open randomizer settings & switch to randomizer brush
Arrangement Menu - Open arrangement menu and add, delete or duplicate patterns
Undo/Redo - Regret or un-regret your decisions!
Mode Switch - Switch between pattern and sounds screen

Bar Headers

Drag number values up/down to adjust bar measure
 Duplicate, add or delete bar
 These buttons will appear only until a certain bar header size, they can be easily accessed at any time by using the "Bars" menu in the arrangement module

Zoom & Navigation Controls

Pinch with 2 fingers to zoom in
 Drag with 3 fingers to scroll though the pattern area

Toolbox Bar Cont.

Mirror - Reverse beat slice and drum selection locations, also works on lane arrows and affects entire lane
Copy - Tap a beat to copy
Paste - Tap a beat to paste copied beat to it

Drum Pads

Prime drums to be placed on the sequencer
 Tapping the pad will audition it's currently applied sample unless turned off in the "Sounds" screen



Open Activation Window

Add Lane Button

Lane Controls

S - Solo Lane
M - Mute Lane
Minus - Remove Lane
Plus - Add Lane
 When a function can be applied to an entire lane, the lane arrow will appear in place of the buttons

Toolbox Bar

Drum - Place or remove the drum selected in the drum pads
Fill - Fill/empty entire beat with selected drum
Vel - Select velocity brush, drag up/down to adjust slice velocity
Slice - Drag the slice up/down brush to add/remove slices, use the number pads to set a default value for tapping a beat.

Psst...Any drum can be placed on any slice or beat

Tap and hold to open context menus...oh and if you have a keyboard - control + tap to will do the same!

Sample Mono Mode
Retriggering same sample in close succession will mute previous sample to avoid overlapping playback

Sample Control
Folder Icon - Load custom samples
Sample Selectors - Select factory samples using the sample selectors
Kicks & Snares have 2 layers, and thus, 2 sample selectors. Other drum categories have only 1 sample selector
Layer Mix Slider - Use this slider to fine tune the balance between layers in the kick and snare pads

Sample Pitch
Pitch - Raise or lower the pitch of the selected sample
Fine - Fine tune the pitch value in cents

Envelope Control
Attack - increase the attack length of the sample playback, dulling the hit of the selected drum
Damp - Shorten the selected drum sample

FX Area
HPF - Hipass Filter Cutoff
Cutoff - Filter cutoff frequency
Reso - Filter resonance
Drive - Soft clipping
Comp - Compression amount
Crush - BitCrusher amount

Sends Area
Reverb - Long reverb amount
Room - Room reverb amount
Dist - Parallel drum dist amount
Gain - Parallel drum dist gain (affects all drums sent to parallel dist chain)

Volume Fader
Control the selected sample volume and panning value
S - Solo Sample
M - Mute Sample

Stereo/Multi & Settings Button
When Beat Scholar is in Standalone, the cogwheel button will open the sound & midi settings window.
Inside a DAW this will be replaced by a Stereo/Multi toggle to switch between stereo and multiple output modes.

Kit Module
Pad Trigger - Pad audition during playback on/off/mute
Map - Map drum pad MIDI input & output
Save - Save current kit to user folder
Lock - Lock kit selection to prevent it from switching with overall preset

Master Module
Cutoff - Set cutoff frequency
Reso - Set filter resonance
Crush - Set bitcrusher amount
Comp - Set compression amount
Master - Drag up/down to set master volume



To Become the Beat Scholar, One Must Understand These Principals...

1. **You can place any drum, anywhere** - Any drum can be placed on any beat or slice in the sequencer area, meaning you're not restricted to the 1 drum per lane paradigm from other drum machines.
 - Placing a drum is as easy as clicking the drum icon and an available beat/slice on the sequencer.
2. **Context menus** - Many of the awesome features that are available in Beat Scholar can be discovered by opening context menus, these menus are available by either holding your finger or using ctrl+tap on these areas:
 - Beats
 - Bar Headers
 - Arrangement Module Pattern Pads
 - Arrangement Module Bar Pads
 - "Swing" label on top toolbar
3. **Navigating** - Use pinch gestures with 2 fingers to zoom in/out, drag with 3 fingers on the sequencer area to scroll through your pattern.
4. **Slicing is key so use the number pads** - The quickest way to create subdivisions is to use the number pads located between the sequencer area and the drum pads, clicking a number will automatically switch you over to the slicer brush and apply the selected number of slices with a single tap.
5. **Time signatures** - Beat Scholar lets you easily manipulate time signatures by dragging the numbers located on the bar headers up or down. Want a double time beat? No problem, simply drag down on the denominator and go to 1/8ths or even 16th note values.
6. **Arrangement** - In the iPad version, the arrangement menu opens up by clicking the A|B button on the top toolbar, this module has a 2nd mode "Bars" that is accessible by clicking the toggle labeled "Patterns".
7. **Midi Export** - You can export any pattern to a midi file by tapping and holding on a pattern pad and selecting "MIDI Export" in the context menu.
8. **Lane Arrows** - The lane arrows will appear any time a function can be applied to an entire lane, features such as slicing, fill & randomization can be applied to lanes and save valuable time.

Once you download Beat Scholar for iPad from the app store, you will be shown the in-app purchase menu. You can select between the iPad only version of Beat Scholar and the iPad & Desktop version

The iPad Version Includes:

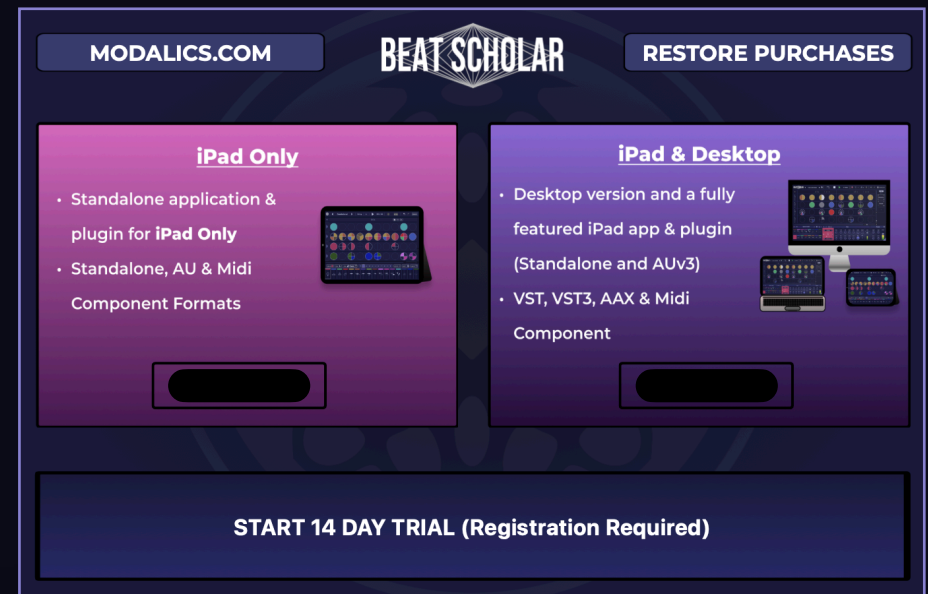
- Standalone, AUv3 and Midi Component formats for iPad Only.
- Fully featured app & plugin that is compatible with desktop version.
- 14 day fully featured trial, use Beat Scholar to its full extent with no restrictions.

The iPad & Desktop Version Includes:

Desktop & iPad apps & plugins - Standalone, AUv3 & MIDI Component.

Additional formats for desktop - VST, VST3, AAX & Midi Component formats can be claimed by syncing your account with our website, simply click "Sync with Modalics" after purchasing your license.

*If you've purchased the iPad version you can always purchase the desktop version too by clicking the Modalics logo on the upper left



On a personal note...

Thank you so much for trying out and/or purchasing Beat Scholar.

Behind the menacing image of the mega-corporate "MODALICS" there are 2 music-tech nerds with an undying passion for music, musicians and the tightly knit relationship between instruments and creativity.

Forming this company is an idealistic endeavor for us, we truly feel we want to give something to our fellow musicians and form a strong connection with the wonderful, curious (often peculiar) people that occupy the pro-audio and production space.

You can feel free to email us with anything from feature requests, awesome music you've made with our plugins, or even questions about us... and everything in between!

Yours truly,

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