

K-DEVICES

COLORIZE  
YOUR  
SOUND

HEXO

Manual Version 1.0 (12/2019)

Products Version 1.0

[www.k-devices.com](http://www.k-devices.com) - [support@k-devices.com](mailto:support@k-devices.com)

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# 1. HEXO

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Thanks for choosing HEXO!

This document will guide you through a complete overview of the product. After reading it, you should be able to use it on perfect, so we recommend that you take the time to read this guide in its entirety.

Ableton Live and the Max For Live bundled version are required: HEXO is a Max For Live device and works both on MacOS and Windows.

Thanks to the Max For Live total integration, each parameter of this device is described in the Live Info View.

We suggest to follow K-Devices via [Instagram](#), [Facebook](#), [Twitter](#), or sign up our [Newsletter](#), in order to stay updated with future free updates, news, and exclusive deals.

Follow us up also on [YouTube](#) for video tutorials.

# 2. INSTALLATION

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1. Unzip the downloaded file
2. Double click on .alp file
3. When Live asks for a location, we suggest to create a “K-Devices” folder where you want
4. Let installation procedure ends
5. Add “K-Devices” folder to Places via Live browser
6. You’re done: enjoy your new Max For Live device!

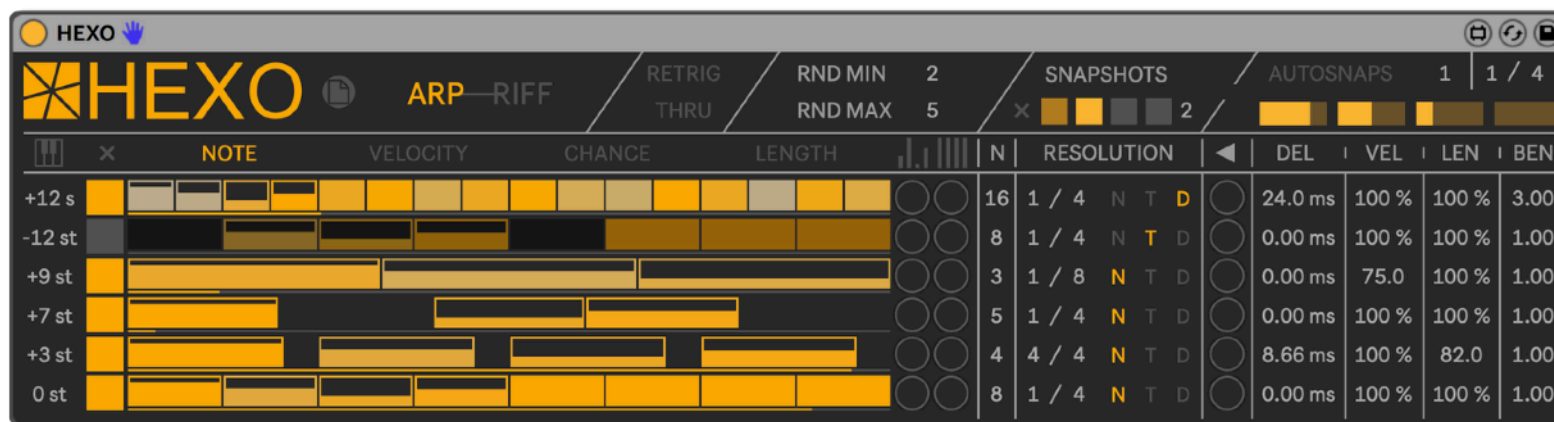
### 3. PACK CONTENT

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	<b>Live 9</b>	<b>Live 10</b>
Devices	1	1
Presets	20	20
Clips	—	10
Instruments	—	2
Sound Design by	Stèv	Stèv

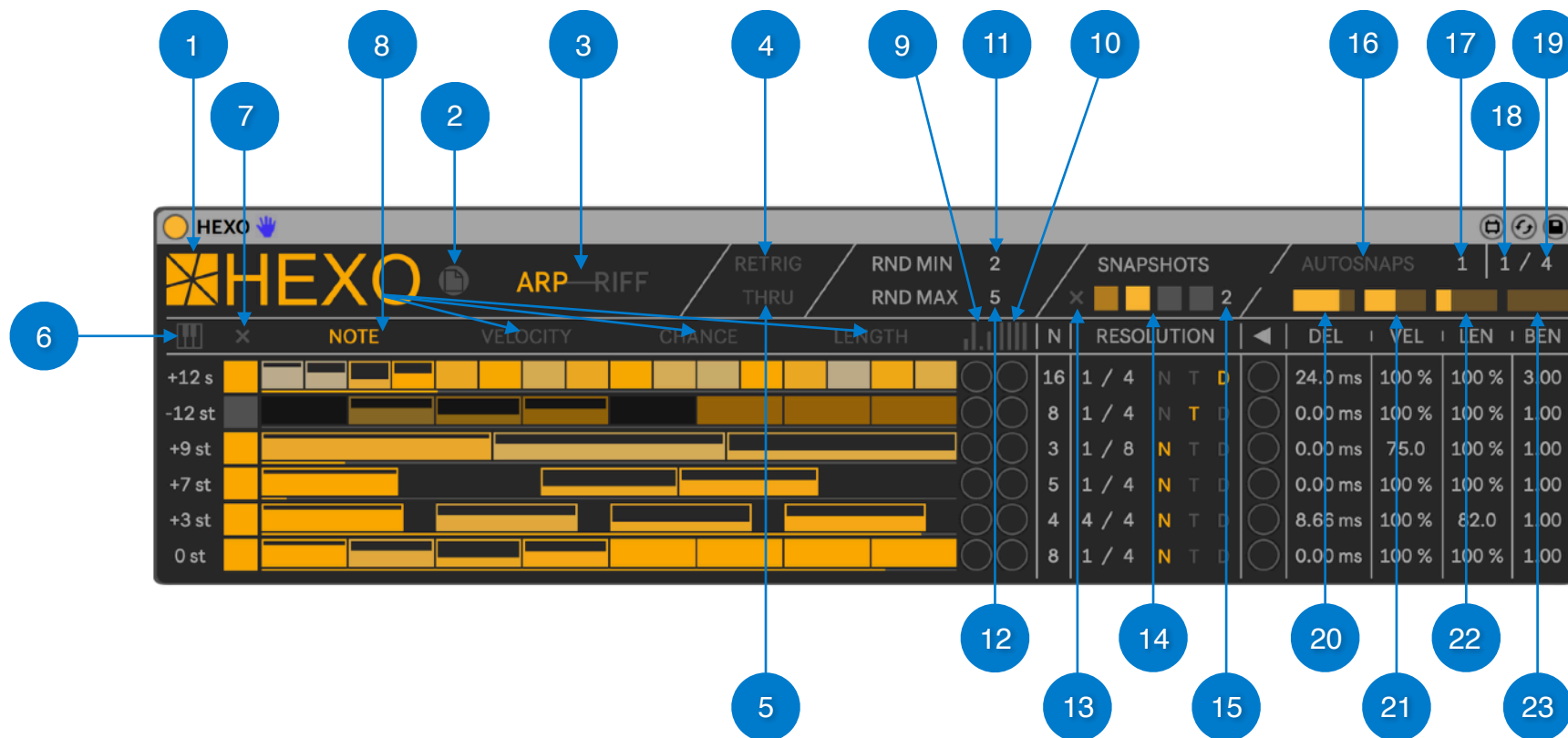
## 4. WHAT IS HEXO

HEXO is a deep and complete Max For Live MIDI effect designed to create, sketch, and/or variate your harmonic, melodic, and beating contents.



Edit and write your patterns, set probabilities for each step and let HEXO create variations on the fly for you. Use the advanced random functions to create new rhythms and grooves. Enjoy the advanced time settings per track, to go easily polymetric and polyrhythmic. Choose between Arpeggio or Riff mode: let HEXO build harmony movements on top of your live played notes and MIDI clips, or just hit play and let HEXO do all the job!

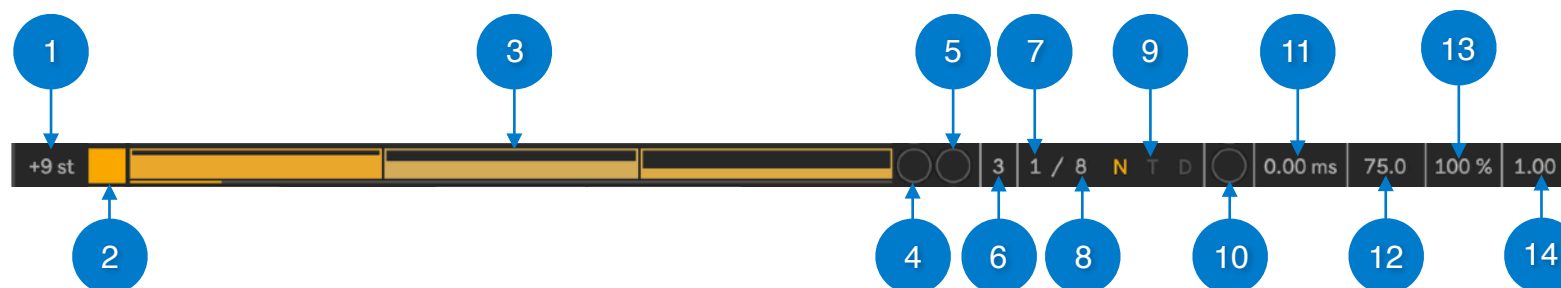
# 5. HEXO GLOBAL INTERFACE



1. **Logo** - Click here for version of the device and copyright
2. **Default** - Reset all device parameters to default settings
3. **Arp/Riff** - Select device main mode
4. **Retrig** - When enabled, if mode is Arp, each new played note retrigs all sequences
5. **Thru** - Allow incoming MIDI notes to pass thru the device
6. **Key Input Settings** - Set MIDI notes or interval with incoming midi note messages. When enabled, press and hold up to six notes to set interval/note values on the fly
7. **Instant Mute** - Instantly mutes all tracks
8. **Edit** - Select parameter for editing in the grid
9. **Random All** - Randomize selected parameter in all tracks
10. **Default All** - Sets default values of selected parameter in all tracks
11. **Random Min** - Set minimal random value for selected parameter
12. **Random Max** - Set maximal random value for selected parameter
13. **Clear Snapshots** - Click and hold to delete all stored snapshots
14. **Snapshots** - Click+Shift to store current settings in a slot; just click to recall
15. **Snapshots Selector** - Select a snapshots (useful for remote control and automations)
16. **Autosnaps** - Enable to automatically select snapshots in a semi-random way
17. **Autosnaps Length** - Interval between two Autosnaps triggers (equal to current Autosnaps time resolution multiplied by this factor)
18. **Autosnaps Numerator** - Autosnaps time resolution numerator
19. **Autosnaps Denominator** - Autosnaps time resolution denominator
20. **Autosnaps Chance Slot 1** - Set the chance for snapshots 1 to be triggered if Autosnaps is enabled
21. **Autosnaps Chance Slot 2** - Set the chance for snapshots 2 to be triggered if Autosnaps is enabled
22. **Autosnaps Chance Slot 3** - Set the chance for snapshots 3 to be triggered if Autosnaps is enabled
23. **Autosnaps Chance Slot 4** - Set the chance for snapshots 4 to be triggered if Autosnaps is enabled



## 6. HEXO TRACK INTERFACE



1. **Note/Interval** - Track time resolution; equal to one step duration
2. **Mute** - Mute this track
3. **Grid** - Edit selected parameter
4. **Local Random** - Randomize selected parameter values in this track, according to Random Min and Max values
5. **Local Default** - Set selected parameter steps to default values in this track
6. **Steps Number** - Set number of steps for this track
7. **Numerator** - Time resolution numerator for this track
8. **Denominator** - Time resolution denominator for this track
9. **Kind** - Time resolution kind for this track (normal, triplet, dotted)
10. **Offset** - Rotate to left all steps values for this track
11. **Track Delay** - Delay all notes in this track by this defined time
12. **Track Velocity** - Scales all velocity values in this track by this factor
13. **Track Length** - Scales all length values in this track by this factor
14. **Track Bend** - Bend the phase of this track's sequence; it moves the playhead from linear, to logarithmic or exponential.

## 7. HOW TO USE HEXO

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HEXO is based on six tracks where each one generate streams of MIDI notes from a sequencer that may work from 2 to 32 steps independently. For each step of each track you can define the event on, its velocity, its length and decrease its chance to be generated.

This creates riffs and patterns with continuous changes and possibly with multiple metrics very easily!

Each track has exclusive tools for advanced editing: time resolution, a smart randomization and a back to default buttons, a function to rotate the sequence, global parameters of length and velocity, sequence bending and a delay.

Considering the chance feature, that reminds a bit of our classic device AutoBeat, HEXO is very helpful to generate original riffs and variations originated from the same riff based on your preferences.

It is also possible to store up to 4 snapshots and modulate between these to alternate riffs on the fly; the AutoSnaps function then can be used to variate between these snapshots with the probability amounts you want.

Being a MIDI device, HEXO works with any instrument. Each track can be set to work on a specific MIDI note or interval, and it is also possible to map these with an external keyboard on the fly.

### 7.1.ARPEGGIO MODE VS RIFF

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HEXO can work in two different ways: ARP or RIFF:

- in ARP mode, HEXO acts like an arpeggiator, building the pattern on top of live incoming notes. You can feed HEXO by firing MIDI clips, or just playing live. You can enable the Retrig function, and reset sequences for each new incoming note, or to let the pattern stay in sync with your transport... It's amazing to improvise with single notes letting HEXO bring complexity on your performance!
- in RIFF mode, HEXO acts as a complex polyphonic step sequencer. You can enable the Thru function to play with HEXO, adding your live incoming notes to the pattern, or you can enable the Live Input mode, to change on the fly the notes played by HEXO.

# 8. PUSH IMPLEMENTATION

	1	2	3	4	5	6	7	8
Global	Mode	Retrig	Thru					Snaps Sel
	9	10	11	12	13	14	15	16
Track 1	Steps	Numerator	Denominator	Kind	Delay	Velocity	Length	Bend
	17	18	19	20	21	22	23	24
Track 2	Steps	Numerator	Denominator	Kind	Delay	Velocity	Length	Bend
	25	26	27	28	29	30	31	32
Track 3	Steps	Numerator	Denominator	Kind	Delay	Velocity	Length	Bend
	33	34	35	36	37	38	39	40
Track 4	Steps	Numerator	Denominator	Kind	Delay	Velocity	Length	Bend
	41	42	43	44	45	46	47	48
Track 5	Steps	Numerator	Denominator	Kind	Delay	Velocity	Length	Bend
	49	50	51	52	53	54	55	56
Track 6	Steps	Numerator	Denominator	Kind	Delay	Velocity	Length	Bend
	57	58	59	60	61	62	63	64
Snapshots	Autosnaps	Length	Numerator	Denominator	Snap1 Chance	Snap2 Chance	Snap3 Chance	Snap4 Chance