

# ALESIS<sup>Top 5</sup>

## Micron Analog Modeling Performance Synthesizer



### *Overview*

The Micron is a powerful performance-oriented analog modeling synth that offers high quality synthesis coupled with unique interactive real-time control.

### Top 5 Sales Points to Talk about

#### Massive Synth Power

- 500 MIPS (500 million instructions per second) processor provides the serious horsepower needed for precise analog synth emulation
- Continuously variable wave shapes, pulse sync, ring modulation, and FM synthesis
- Uncompromised sound: 8 polyphonic voices each built from 3 oscillators, 2 multi-mode filters, 3 envelope generators, 2 LFO's, a programmable effects send and a modulation matrix

#### Intuitive Control

- Three assignable 360-degree potentiometers that operate at 12-bit resolution – 32 times the resolution of a typical MIDI controller
- Two assignable modulation sliders
- Very responsive, back lighted Pitch bend wheel
- Large 16x2 graphic display provides instant visual feedback as a parameter is edited

#### Rhythms, Patterns and Setups

- The Micron has lots analog modeled drum sounds that can be sequenced as well as many ready to use patterns. There are plenty of Preset Rhythms to also generate musical ideas
- The Pattern mode takes advantage of the large collection of Synth Programs and can assign your synth sounds to be played by them
- Setup Mode allows you to combine Programs, Patterns and Rhythms together for spontaneous musical performance for live and in the studio

#### Built-in Effects

- Drive effects create the natural overdrive of analog synth components
- 4 individual insert effects plus a stereo master multi-effects processor
- 40-band vocoder
- Built-in reverb to sweeten up your leads and pads

#### Phrase Recording

- Great for capturing your musical ideas and incorporating into your own Rhythms, Patterns and Setups

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## What Features to Show

### Massive Synth Power and Intuitive Control

The Micron has tons of great Programs to show. There are 9 banks of sounds (Bass, Lead, Pad, String, Brass, Keys, Comp, Drum and SFX) that are quickly reached via quick key presses

Try out these Programs to hear the sonic diversity of the Micron as well as modify the tone in real-time.

#### ***Go to program mode***

1. Press the Program button, near the top-right of the clear white encoder knob.
2. To get to a Program category, press and hold the Program button and press a key that relates to the Program type (bass, lead, string, etc) listed on the text just above the Keys on the left.
3. Turn the X, Y and Z knobs to hear the sound change as you move the knobs. See the section of this document to change knob assignments to parameters.

### Patterns, Rhythms & Setups

To really hear what the Micron is capable of, use these modes to have the Micron demonstrate itself.

#### **Patterns**

1. Press the Patterns button
2. Turn the white encoder knob to get to "Pattern (4/233: Amity Bass)".
3. Press a key. You should hear a musical Pattern playback.
4. Turn the encoder knob again to select another Pattern and press the keyboard.

#### **Rhythms**

1. Press the Rhythms button
2. Select the rhythm "Basic 1" with the encoder knob.
3. Press a key on the left side of the keyboard. You should hear a rhythm playing back.
4. Turn the encoder knob to select other rhythms.

#### **Setups**

Setups can be combinations of Patterns, Rhythms and Programs laid out on various keys. Check some of the following examples

##### Press Setups

1. Turn the encoder to get to "Albion"
2. Press the C key at the end of the left side of the keyboard. You will hear a rhythm and pattern playback at the same time.
3. Play some notes on the top octave keys on the right side of the keyboard. These will be synth notes that aren't assigned to the pattern. You can make a quick musical creation with this setup combination.

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## Assigning the X, Y, Z knobs

**The Micron can quickly assign parameter control to the X, Y, & Z knobs.**

Press the Programs button

Press the Encoder knob. This will put you the edit mode for the Program.

1. Press and hold the Programs button while pressing the key relating to a Program parameter (use the red silkscreen above the keyboard on the right side) for example press the key relative to Filter. The screen should display "Filter 1: Type ....."
2. Press and hold the Encoder knob and turn the Z knob. The display should read "Filter 1: Type mapped to knob Z"
3. Let go of the encoder knob and turn the Z knob. You should see the display showing changes to the parameter for the type of filter assigned to Filter 1.

## Recording a Phrase

**The Micron can quickly and easily record your own playing to a phrase, which in turn can be assigned to a Pattern, Rhythm or Setup.**

1. Press the Program button and select a Program to play.
2. Press and hold the Phrase button. The screen will display "Hold and Play to record phrase".
3. While holding the button play a rhythm or melody on the keyboard.
4. Press the Phrase button to stop recording.
5. Play a single key and you should hear what you played.

## Assigning the Phrase to a Setup

1. Once a Phrase is recorded you can quickly assign it to a Setup.
2. Press the Setup button and select a Setup you want to use.
3. Press the encoder button.
4. Turn the dial to "Part A Pattern...." and press the encoder. The cursor will move to the lower screen.
5. Turn the dial until you see "\* Phrase" Your pattern will play back on the area of the setup that the Pattern was assigned.