

Alesis Micron Firmware Revision History

v1.1 Released September, 2005

FEATURE UPDATES AND ENHANCEMENTS:

Longer Patterns and Rhythms – Rhythms and patterns (including phrases) can now be as long as 16 bars.

Expression Pedal Mode – New config param: "ExprPedal: Route" / "to mods only", "to volume & mods". This provides a means to enable/disable the hardwired route from expression pedal to volume.

MIDI Solo Part – New config param: "MIDI: Send part" / "all parts", "part A only", "part B only", etc. If set to "part x only", only part x will send MIDI data, although all parts will receive MIDI. This is useful when recording a multitimbral arrangement with an external sequencer.

New LFO Reset Modes – New reset modes for LFOs and S/H: "legato mono" and "legato poly". These are similar to "key mono" and "key poly" respectively, except instead of resetting on every keypress, they only reset on non-legato keypresses. As long as you play legato, the LFO will not reset.

Unlatch Part – In a setup, hold down a key and press [latch] to latch parts mapped to that key. Hold the key and double-click [latch] to unlatch those parts. The first few times you latch, a message will pop up to remind you of how to unlatch..

One-Handed Phrase Record – To record a phrase, double-click the [phrase] button and start playing. The old method of holding down [phrase] as you start to play still works as well.

"Use As Drum" Controllers – When a setup part is set to "use as: drum x in beat", the part's pw/m1/m2 controller enables are now applied to the overridden drums in the beats. This allows you to affect the sound of a rhythm using the pitch wheel and sliders.

Control Knob Response – The response of the control knob has been improved for large ranges. By turning the knob quickly, it is now easier to scroll through long menus or make large adjustments to highly granular parameters.

BUGS FIXED:

Mapping Knobs to FX and Mod Params – FX and mod parameters could not be mapped to the black xyz knobs. Now they can. As with all other parameters, turning the knobs sends MIDI NRPN data which can be recorded and played back.

Negative NRPNs – The MIDI data sent when a knob was turned to negative values could not be received correctly. This has been fixed.

Tempo Memory – The tap tempo setting was not retained when the Micron was turned off. Now it is.

Phrase Key Range – When phrase recording in a setup, all keys played were recorded to the phrase, even keys in other parts. Now, just the keys within the recording part's key range are recorded. This allows you to play on multiple parts as you are recording on one of them.

S/H Startup – The sample-and-hold generator would always start with an output of zero. Now it captures a sample at the start of a voice.

Portamento Legato – For monophonic programs with a long release time, portamento "legato only" mode would always portamento, even if the notes were not played legato. This has been fixed.

VelociUp Mod Source – For monophonic programs with a long release time, the "VelociUp" (key up velocity) mod source would accumulate each time all keys were released. Now, the mod source returns to zero when all keys have been released.

LFO Reset – For monophonic programs, LFOs and S/H in "key mono" or "key poly" reset modes would not reset if the voice was still playing. They now reset on every keypress. However, if you made use of the old behavior, see the new "legato mono" and "legato poly" modes described above.

[store] Light – The [store] button would not light up when changing a pattern or rhythm note's velocity, changing an unquantized note start time, or removing an unquantized note. Now it does.

Envelope Velocity Setting – Changing the envelope 3 velocity param would affect the playing voice's envelope 2 velocity setting. This has been fixed.

v1.02 Released September, 2004

FEATURE UPDATES AND ENHANCEMENTS:

“Arp Send MIDI” Feature – A new local control mode allows notes generated by the sequencer to be sent out through MIDI. The “Kbd: Local control” config parameter has a new option, “off + send ptrns”. This mode behaves like Local Control Off, except that the individual notes of patterns and rhythms are sent through MIDI, and received MIDI data always plays individual notes.

“MIDI: Pgm Change” Config Parameter – A new config parameter allows the send and receive of MIDI program change messages to be disabled.

Drum Hits Send MIDI – In Rhythms mode, individual drum hits played on the upper octave of the keyboard now send MIDI data and obey the Local Control config parameter.

Latch Button Sends MIDI – The [latch] button now sends and receives MIDI data, so recorded performances that use this button will play back correctly.

Quick Key Range Entry – When editing the “low key” or “high key” parameters for a part or beat in a setup, both sides of the split can be set at once by playing two keys simultaneously.

Smoother Setup Browsing – Scrolling through large setups and rhythms is now much faster and smoother.

Send Sysex Request – Micron now accepts MIDI-based requests to send out programs, setups, patterns, and rhythms as MIDI sysexes.

BUGS FIXED:

Program Parameter Mislabelings – Noise type and three filter types were misnamed. The names are now correct. This does not affect the sound of any program.

Knobs in Setups – When a part's program was changed, its knob mappings became inactive. This has been fixed.

Receiving Setups Via MIDI – When receiving a long list of setups via MIDI, some setups would not be received if the PC was sending them too fast. This has been fixed.

All Controllers Off – Micron now properly responds to the All Controllers Off MIDI message (CC 121).

v1.01 Released July 12, 2004

First production release.