SONICLAB COSMOSF M31 EXAMPLE DAW PROJECTS

M31 SYMPHONIC (*LOGIC*)

Cosmos*f* M31 and two instances of MBots are driving the NI Kontakt plugins. Each of them has been loaded with different orchestral instrument section. The library being used is Symphonic Essentials also found in the NI Komplete bundle.

Each Kontakt plugin has been set so that multiple midi channels have different instruments of the relevant section. Likewise Cosmos*f* M31 operates on the multi channel ouput mode. And each event is being addressed a different midi channel with continuuous midi controllers mapped to brightness and volume of the instrument.

When each track is in record enabled mode, a single midi note is sufficient to perform of all this. The soundtrack on this link has been achieved exactly like that.

https://youtu.be/_3g5jqqJDzE

Important : When you load the project first time, turn on the server connection on M31 (at the bottom right of its window) to connect the MBots.

M31 TRIO (*LOGIC*)

Cosmos*f* M31 and two instances of MBots are driving a piano instrument of Logic Sampler and two Roli Equator instruments. While generating clusters in diatonic scale, the texture quickly becomes reminiscent of 20th century contemporary music.

To address the MPE possibilities, the M31 operates on multi channel output mode. The Aftertouch and CC1 controller messages are generated on meso level, while each note is having a random velocity distribution.

The soundtrack on this link has been achieved exactly like that.

https://youtu.be/_3g5jqqJDzE

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M31 HARP (*LOGIC*)

Cosmos*f* M31 and two instances of MBots are driving this ambient sonic environent with three Roli Equator instruments.

To address the MPE possibilities, the M31 operates on multi channel output mode. The CC74 Aftertouch and CC1 controller messages are being generated while each note is having an arcsine velocity distribution. These controller messages are actually the ones which are generated when performing an MPE keyboard with each note on individual channels. Here, it is the Cosmos*f* M31 and MBots which generate all this performance.

The soundtrack on this link has been achieved exactly like that.

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M31 INTERSECTIONS (*LIVE 10*)

Cosmos*f* M31 and two instances of MBots are driving mallet and percussive instruments of Live 10.

An important example as it shows how to establish connections between a midi sending VST plugin and an instrument plugin on another track. Therefore it is an essential step for beginners to contruct such setups.

The polyrithmic nature is due to the changing meso and micro densities of events with a gaussian distribution. Then the pitch can be altered by changing the parameters of GEN1 and the serial-stochastic slider adressing the binomial distribution.

You can perform the setup either by activating the session track slots or with the midi keyboard given that the M31 and MBot tracks are record enabled.

The soundtrack on this link has been achieved exactly like that.

https://youtu.be/_3g5jqqJDzE

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M31 WITH LAURENT MIALON (*LIVE 10*)

Laurent Mialon is an acclaimed and wonderfully creative IDM composer.

He is very kind to share with us this Live setup which is upsolutely something to study, as his work represents one of the pinnacles of generative IDM.

Please note that on this setup, actually he is sending the midi data generated of M31 to other MBots and not directly to an instrument. This adds another level of interesting branching top versus down.

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