

GEODESICS

A modular collection for VCV rack by Pyer & Marc Boulé



What's new? – version 1.1.2

T O T H E R E A D E R

Notes on who is concerned...

This file is only intended to anyone who already read the manual of the previous version. It gathers all the changes that you need to know.

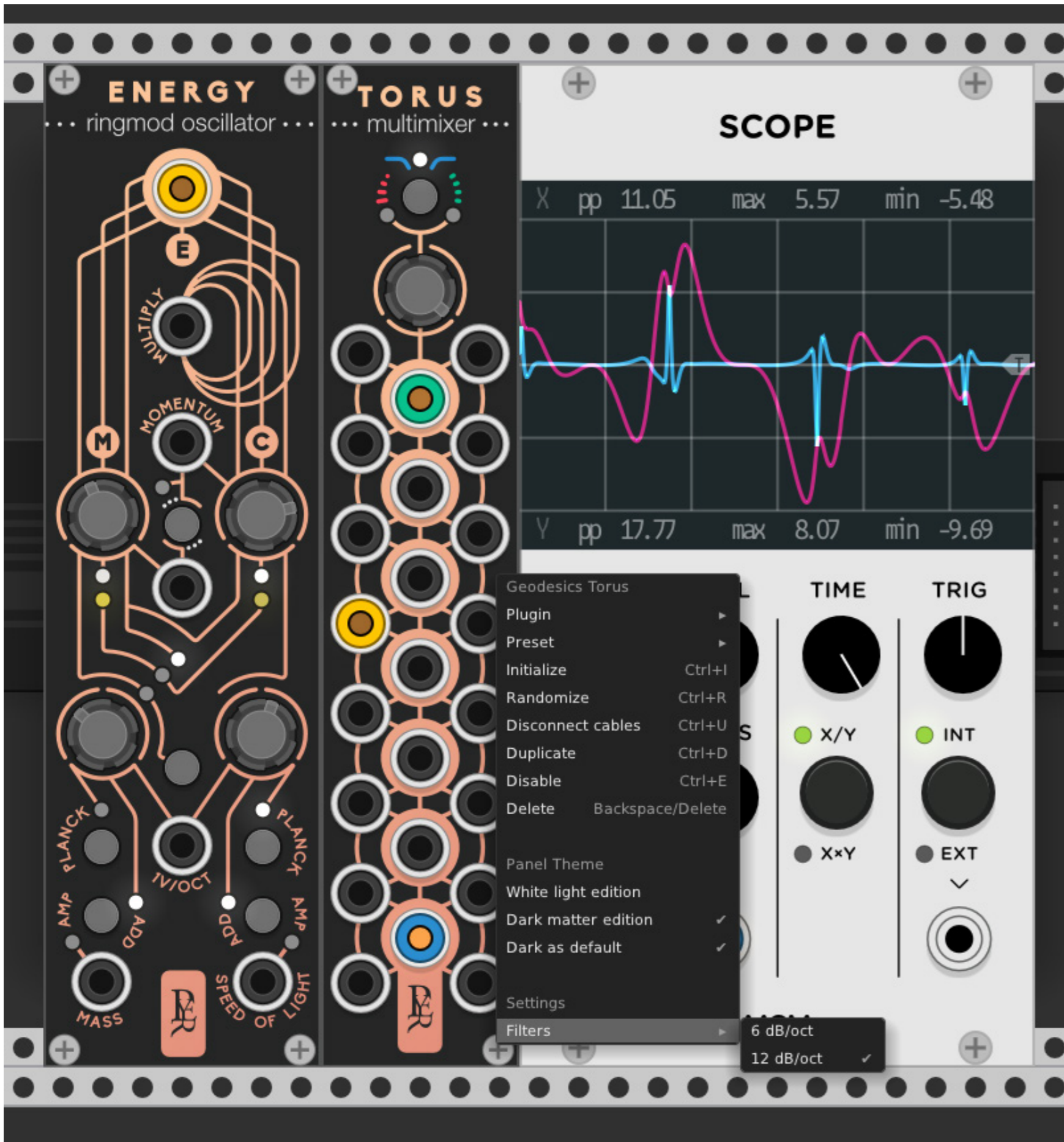
There is no point to read this if you are a new user, or if you haven't read the manual of the previous version. You would be then encouraged to read the complete manual of the current version.

Thanks.



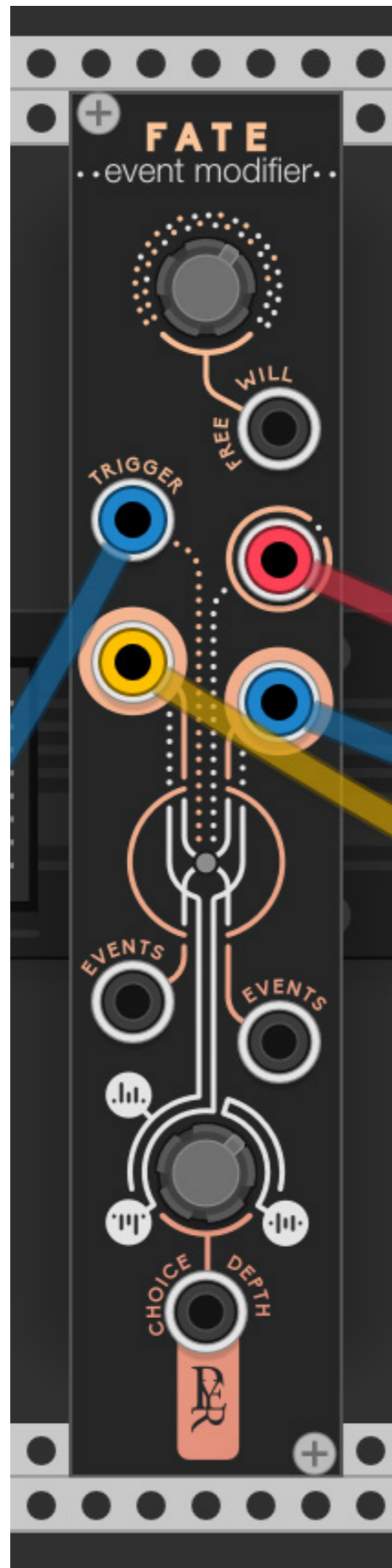
ENERGY

Energy LFO mode: The Yellow plank mode sets the knob in LFO mode to be used as a modulation source. Each knob can be set in LFO separately, while the other one still being in audio rate, resulting on a tremolo effect on its own output. By experimenting with the combinations and the momentum knobs, ENERGY reveal the magic of ring modulation at slow speed with unexpected results: extremely slow sinewaves, amplitude modulated LFO, rhythmic wobbling, semi random modulation source, combing smooth and aggressive changes, extremely slow with audio rate fast clusters, ...



TORUS

Filter slope selection The filters of TORUS has been enhanced, and a right click menu allows to choose between 6 and 12 dB filters. While 6db are best for mixing proses, 12db is more radical and sound design oriented.



FATE

Fate is now polyphonic, with each channel its own flavour of randomness. The number of output voices will be defined by the number of event channel or trigger channel, whichever is the highest. Modulation input are also polyphonic. It is recommended to experiment with different trigger sources on the input to add richness to the generated melodies.

Internal enhancements have been made to allow precise sequencing of the modulations. For a correct timing, FATE and the sequencer has to be triggered by the same clock source to avoid any latency

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Geodesics has been created in July 2018 by **Pierre Collard** (industrial and graphic designer based in Brussels) and **Marc Boulé** (developer and creator of Impromptu Modular based in Montréal).

Just like many projects within VCV Rack, Geodesics is also a community effort and it would not have been possible without the help of many users, composers and developers participating one way or another to enhance the quality of the project.

Among them we would like to address a special thank to those who helped us in the beta testing phases, who made tutorials, who proposed their help in any way and those who brought the collection to life with some great pieces of music: **Omri Cohen, Georg Carlson, Xavier Belmont, Steve Baker, Marc Demers, Adi Quinn, Ben De Groot, Latif Karoumi, Espen Storo, Synthikat, Dave Phillis, Carbonic Acid, Martin Luders, Ghaleb, Stephen Askew, Lars Bjerregaard, Richard Squires, Lorenzo Fornaciari, Adi Quinn, NO rchestra, Poxbox23 and Ananda Bhishma.**

Geodesics links

www.pyer.be/geodesics

vcvrack.com/plugins.html#Geodesics

github.com/MarcBoule/Geodesics

Creations from composers using Geodesics:

<https://www.youtube.com/playlist?list=PLEh-5QLxa-BlqLI9rBcncUTFm2Lk-ZMgvZ>

Tutorials on Geodesics by Omri Cohen:

https://www.youtube.com/playlist?list=PLEh-5QLxa-Blr4dsurkkwUehFsNI7T_Jv-

Marc's work links

github.com/MarcBoule/ImpromptuModular

Pierre's work links

www.pyer.be

