



MANTIS

4-Voice Polyphonic Hybrid-Analogue Synthesiser

Version 2

...The NEW OSCar™



Announcing PWM Mantis v2 Firmware Upgrade!

PWM Mantis, The new OSCar™ is a 4-Voice Polyphonic Hybrid-Analogue Synthesiser. In the v2 firmware you can now additionally select the original OSCar wavetables for use in your sound.

This firmware upgrade is available free of charge from the 1pwm.com website.

Mantis Summer Special Offer - GForce impOSCar 3 Plugin!

For a limited time* any new purchase of PWM Mantis includes a license code for GForce impOSCar 3 plugin worth £120 inc VAT. Simply email support@1pwm.com with your serial number and proof of purchase and we will email you back with a license code.

Mantis Features:

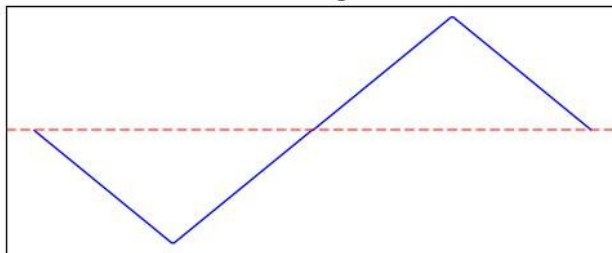
- Hybrid-Analogue Synthesiser
 - Digital Oscillators coupled to two Pure Analogue Signal Paths
- Heritage Sound
 - A Modernised Design Architecture based on the Evolution of the WASP and OSCar designed by the late, great Chris Huggett and including the signature OSCar dual filter
- 4 Voice Polyphonic, with Monophonic and Duophonic modes
 - Four true Polyphonic Voices, with Two Oscillators, Sub Oscillator and Detune Oscillator per voice achieving up to 16 Simultaneous Oscillators
- Dual Filters / Dual Analogue Signal Path
 - Multi-Mode State Variable VCA Filters with Overdrive that can be combined in Series or Parallel with Width Control and Stereo Spread
- 37-Note Full-Size Semi-Weighted Keybed with Aftertouch plus Joystick
 - Fully featured Keyboard, Joystick and USB-MIDI Control for Easy Integration with any Studio or Live Environment

Using Mantis v2 Firmware - OSCar™ Wavetables

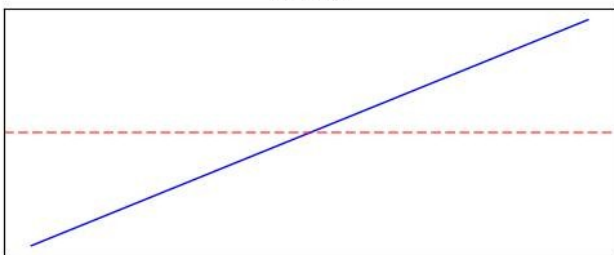
1. Initialise a patch by pressing 'Init'
2. Turn OSC Wave to 'WT' in the OSCILLATOR 1 section
3. Hold 'SHIFT' and press 'Osc1 Shape'
4. Select an OSCar™ Wavetable from the right-hand column of patch buttons 1-9 ('0' selects the original Mantis wavetable)
5. Press 'Osc1 Shape' to commit or 'Cancel' to cancel

OSCar Waveforms in Mantis

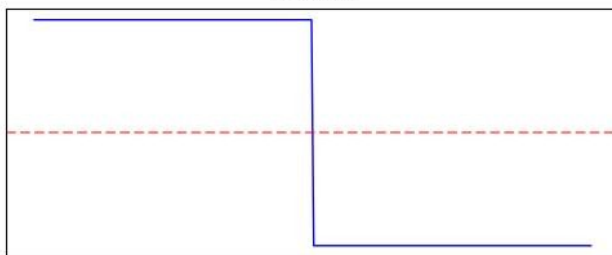
1: Triangle



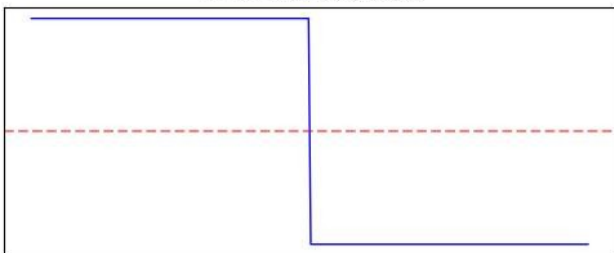
2: Saw



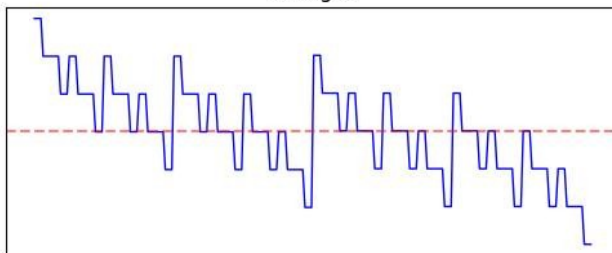
3: Pulse



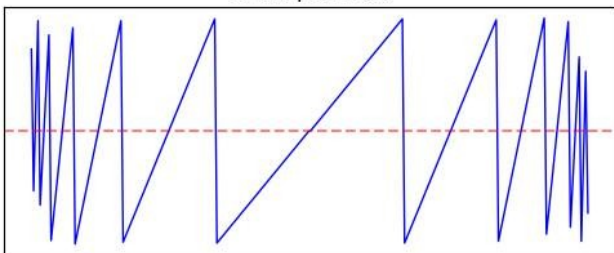
4: Pulse (Modulated)



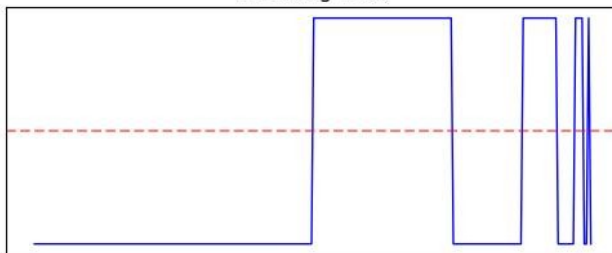
5: Organ



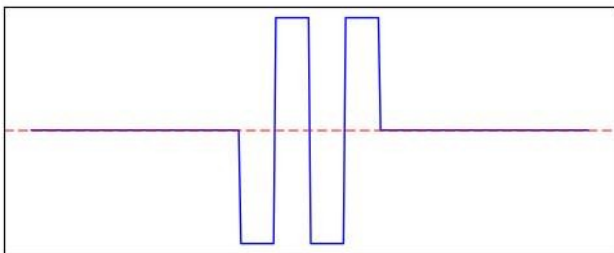
6: Harpsichord



7: Strong Lead



8: Double Pulse



9: High-Density

