



Spectralis is the first Hybrid Groovebox. Hybrid, meaning it contains a full featured Analog Modular Synthesizer with a filterbank and a DSP based Multimode Synthesis Engine as well. The groove oriented Sequencer can control both the Analog and the Digital Section with a flexibility of an analog Step-sequencer - resulting in a totally new and flexible groove based Modulation source with endless possibilities!

#### 1) The Analog Modular Synthesizer

Equipped with three Oscillators, 24 dB Discrete Lowpass Filter, 12 dB Multimode Filter with HP, BP and LP, a powerful 10 Band Filterbank built around additional 24dB HP, LP and 8 24 dB Bandpasses. This Analog Monster easily creates sounds that have never been heard before. The oscillators allow Linear FM synthesis, Oscillator Synchronisation and Cross-modulation. The possibility to control all these parameters with the built in Step-sequencer let you create sonic textures and ambient atmospheric FX's on the one hand and rhythmic pulsating groove FX's on the other hand. But besides this you can just use this powerful part of the Spectralis for kick ass synth basses and fascinating solo sounds.

#### 2) The DSP based Multimode Synthesis Engine

A fine collection of state of the art drum samples combined with a great collection of polyphonic vintage synth sounds is the heart of the polyphonic Digital Synthesizer of the Spectralis. The synthesis engine offers a up to 48-voice polyphony with 24 db Lowpass/Highpass filtering and is already prepared for additional DSP algorithms and can be easily upgraded with additional upcoming synthesis algorithms. The noble character of the DSP based synthesizer can be processed thru the powerful onboard FX processors, which also can be used for the modular synth.

The user interface of the spectralis is specifically designed for fast and intuitive access to all these powerful synthesizer features. The Spectralis offers both a display-based interface for showing the data of the synthesis engine or a very powerful direct access to parameter shortcuts with knobs, making synth editing easier then ever before.

The spectralis comes with a superb collection of grooves, sequences and demonstration songs that will show you the whole potential of this fascinating new instrument.

For further information contact:

Radikal Technologies, Inc

696 Palisade Avenue

Teaneck, NJ 07666

201-836-5116 Phone

website: [www.radikaltechnologies.com](http://www.radikaltechnologies.com)

e-mail: [info@radikaltechnologies.com](mailto:info@radikaltechnologies.com)