Shinsa BEAT Music Analyzer Beat Extractor

Overview

Shinsa BEAT is a Eurorack module that analyzes an analog music signal and extracts real time beat information. An internal timing generator is then synchronized and a set of Control Voltage (CV) triggers are created and output in cadence with the musical beat.

Features

- Analyzes any analog musical signal from any type of music, ranging from 40 to 170 BPM
- Automatic level control lets the module work with a wide variety of audio signals from line-level to headphone/monitor outputs
- Two separate analyzer channels for low frequencies (20-800Hz) and for mid frequencies (400Hz-8KHz)
- Adjustable cadence holdoff settings for various beat cadences
- Three digital CV trigger outputs (0-5 volt)
- Single HP16 Eurorack module

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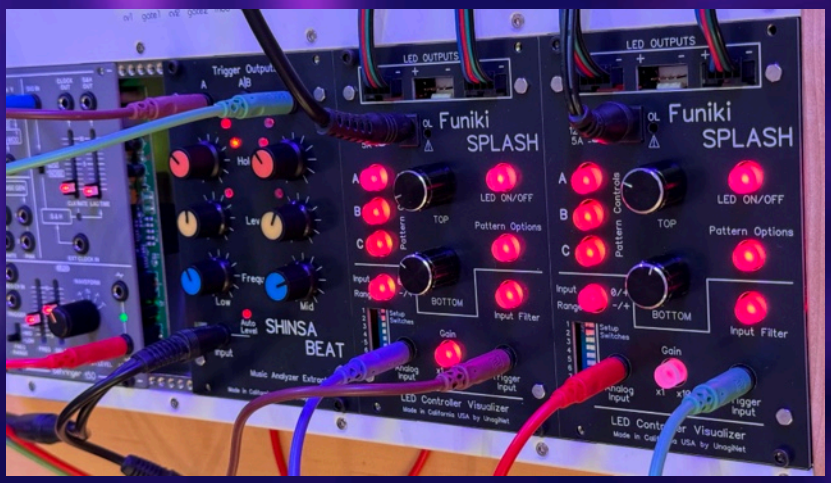
Imagine having digital triggers for every beat of that danceable music in your club or on stage with your performance. Now you can have that when you use a Shinsa BEAT Eurorack module in your system. This module continuously analyzes any analog music signal and extracts out a beat cadence that is in perfect sync with the music with no latency.

Shinsa BEAT incorporates several technology designs that we have created over many years of development. By combining these ideas into one Eurorack module, we created a very unique product that can be used on-stage or in a club environment, for control of lighting or other external devices.

Technical Specifications

- Single HR16 Eurorack module
- One analog audio input, 3.5mm mono, auto level control
- Manual gain adjust switches for high and low signals
- Three trigger outputs, 0 to +5 volt
- Adjustable analyzer frequencies, Low 20Hz-800Hz, Mid 400Hz-8KHz
- Beat cadence settings from 40 to 170 BPM
- Module uses -12 and +12vdc Eurorack supply



Ordering Information

Model SB203 - Shinsa BEAT Music Analyzer Beat Extractor

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