

THE SWING SYSTEM



Planet Phatt is an innovative, professional sound module created especially for hip-hop, rap, acid jazz, and trip hop musicians. Planet Phatt has 640 presets, thirty-two notes of polyphony and is 16 part multi-timbral. It is a superb song writing tool and is a perfect addition to your studio or live setup. With its diverse combination of filter, MIDI synchronized LFOs, and BEATS mode, Plant Phatt is the tool that will set you imagination free.

- **640 presets**
- **Beats Mode (Interactive groove manipulation with 100 beats and 28 songs)**
- **X-factor (over 7,000 drum loop possibilities)**
- **32 6-pole resonant filters**
- **16 part multi-timbral, 32 voice polyphony, 6 audio outputs**
- **2 synchronized LFOs per preset**
- **Retrigger (repeat notes)**
- **Scratch (scratch individual sounds and beats)**
- **No GM sounds here. Slamin', funkadelic, in your face original sounds**

▼ **BEATS Mode** – the heart of Planet Phatt

First introduced in “Orbit-the Dance Planet”, BEATs mode has been significantly enhanced in Planet Phatt. It now features 100 drum loops that can be synchronized to either an internal clock or external MIDI clock. There are twenty-eight songs and twenty-eight factory songs available to get you going. Each user song can have ten events linking beats together. Both songs and beats can be accessed from the front panel or remotely using MIDI Song Start/stop and Song select commands. Another feature that will set your music free is the ability to transpose (X-factor) the entire

beat, creating completely new grooves based around a single drum loop. This function, along with the ability to change the drum kits used in each beat gives Planet Phatt thousands of groove ideas for you to work with. The result is a sound that is all your own and not anyone else's.

▼ Spectacular presets, and lots of them

There are 640 presets found on Planet Phatt, created by talented E-MU® programmers and industry experts. These presets merely scratch the surface of the types of unique and powerful sounds that can be designed using Planet Phatt's synthesizer architecture. Planet Phatt has plenty of real-time controls and destinations that allow you to create floor-slamming, heart-pounding masterpieces.

▼ Planet Phatt – An overall solution

With the latest cutting-edge technology, Planet Phatt is designed for the urban dance scene with sounds and features no other product can match. It makes a great addition to your MIDI setup and gives you the latest in innovative, creative new sounds. Planet Phatt is here to swing your world. (Lose those thin, squeaky synths of yesterday and get Phatt today.).



Planet Phatt

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Planet Phatt Specifications and Menus

Master Menu

Master Tune, Transpose, Global Bend, Global Velocity Curve, Mix Output, MIDI Mode, MIDI Mode Change, MIDI Overflow, MIDI Enable, Preset Change, Controller #A/B, Controller #C/D, Footswitch #, MIDI Program -> Preset, Send MIDI Data, User Key Tuning, Viewing Angle, Demo Sequence, BEATS Mode, Global Tempo, Bank Select, Song Start/Stop, BEATS MIDI Out, X-Factor Control, BEAT Control, Retrigger, Scratch Control

Edit Menu

Preset Name, Primary Instrument, Secondary Instrument, Key Range, Volume, Pan, Coarse Tuning, Fine Tuning, Alternate Volume Envelope, Primary Envelope Parameters (AHDSR), Secondary Envelope Parameters (AHDSR), Delay, Sound Start, Reverse Sound, Solo Mode, Portamento Rate, Chorus, XFade Mode, XFade Direction, XFade Balance, XFade Amount, Switch Point, Primary Filter Type, Primary Filter Fc&Q, Secondary Filter Type, Secondary Filter Fc&Q, Alternate Envelope, Amount Delay, Alternate Envelope (AHDSR), LFO1 Shape Amount, LFO2 Rate-Delay-Variation, LFO2 Shape Amount, LFO2 Rate-Delay-Variation, Key/Velocity Control, Real-time Control, Footswitch Control, Pitch Bend Range, Pressure Amount, Controller Amount A/B, Controller Amount C/D, Velocity Curve, Keyboard Center, Keyboard Tuning, Mix Output, Link 1, Link 2, Link 3, Save Presets.

MIDI Patch™ Modulation System

Key Number and Velocity Modulation Control

Up to six simultaneous patches per preset may be programmed.
Sources: 2 (Key Number and Key Velocity)
Destinations: 42

Realtime Modulation Control

Up to eight simultaneous patches per preset may be programmed.
Sources: 10
Destinations: 33

Footswitch Control

Up to three simultaneous switches per preset may be programmed.
Sources: 3 (Footswitch 1, Footswitch 2, Footswitch 3)
Destinations: 10

Technical Specifications

Audio Channels: 32
Presets: 640
Beats: 100
Songs: 28
Filter types: 17
Data Encoding: 16-bit, linear, 18-bit DACs
Sound Memory: 8 MB
Signal to Noise: >90dB
Dynamic Range: >90dB
Frequency Response: 20Hz-18kHz (+/- 6dB)
Distortion: <.05% THD
Power Consumption: 15 Watts
Voltage Input: 90VAC-260VAC at 50Hz-60Hz
Maximum Output Level: +4dB into 600 Ohms
Output Impedance: 100 Ohms

Inputs

Effects Return 1 In (stereo), Effects Return 2 (stereo), MIDI In

Outputs

Six, polyphonic (configurable as three pairs of stereo outputs w/programmable panning), mono mix, MIDI out, MIDI thru

Rack Dimensions

Height: 1.75", Width: 19", Depth 8.5"

Launch Pad

Add Launch Pad™, E-MU Systems' new performance controller to your Planet Phatt and create an all-in-one Dance Music Performance System. Planet Phatt's presets, filters, LFOs, volume, tempo, "BEATS Mode" and much more can be controlled by Launch Pad's intuitive user interface. It is ideal for live performance and sequencing. Launch Pad is not just exclusive to Planet Phatt – it provides real-time controllers and a one-octave keyboard which extend the flexibility and control of any MIDI system.



Launch Pad Features

- Fast, intuitive user interface
- Compact, durable package
- One-octave, velocity-sensitive drum pad keyboard
- +5 octaves, -4 octaves transposition range
- +12 semitone fine tuning range
- Five real-time programmable sliders
- Pitch knob, Thumbby Button™, Footswitch, and expression pedal input
- Six trigger buttons with independent MIDI channels
- MIDI Machine Control
- Sends MIDI clock
- Sends Preset, Bank, and Song change commands
- MIDI Input Merge Function
- Setups can be saved or restored via SysEx

E-MU SYSTEMS

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