

# Abstract Data — ADE-33 Event Boss

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## Creative Uses for the Abstract Data ADE-33 Event Boss in a Modular Synth Setup

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The ADE-33 Event Boss is a deep rhythm/pattern processor capable of transforming simple clock/gate/LFO/CV signals into complex, evolving trigger, gate, and rhythm patterns. With its 6 Global Modes (Variables, Multiples, Probability, Logic, Phase, Gates), each containing 6 Local sub-modes, you can integrate it in countless creative ways with other Eurorack modules to generate and manipulate patterns for percussive, melodic, and modulation purposes.

Here are creative patching ideas:

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### 1. Rhythm Humanizer and Variation Maker

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#### Combine With:

- Mutable Instruments Grids or Deltronics Trigger Man (for trigger/gate pattern sources)
- Mutable Instruments Marbles (randomness/inspiration)
- Any basic clock (from Pamela's PRO Workout, Tempi, or even a square LFO like Intellijel Dixie)

**Patch Idea:**

- Feed your main clock or rhythm output into ADE-33 GATE A1. - Use Marbles' random stepped output or an LFO into GATE B/CV to modulate the ADE-33's Probability or Variables modes. - Send ADE-33 OUT to Triggers for drum voices or sequencing (Tiptop Audio ONE, Erica Synths Pico Drums). - Live tweaks or CV into Event Boss morph patterns for continually evolving beats.

**Result:** Your static patterns become dynamic, organic, probability-driven grooves.

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## 2. Pseudo-Polyrhythm/Polymeter Creator

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**Combine With:**

- Pamela's PRO Workout or ALM Busy Circuits Pam's New Workout - 2hp Div, Doepfer A-160-2 Clock Divider/Multiplier - Anything that requires clocking at different rates: sequencers, quantizers, triggerable synth voices

**Patch Idea:**

- Run clock into GATE A1 and a divided or multiplied clock into GATE B/CV. - Use Multiples mode to multiply/divide incoming clocks differently per Local Mode. - Output unique divisional patterns (e.g. 5 against 4, 7 against 8) to different sequencers or voices for unusual polyrhythms. - Use reset input to bring complex patterns back in sync occasionally for musical chaos and order!

**Result:** Polydivisional rhythmic backbones for generative music, IDM, or cinematic scoring.

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## 3. Chance-Based Melodic Progressions

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**Combine With:**

- Sequencers (Make Noise René, Malekko Voltage Block, Hermod, or even basic analog step sequencer) - Quantizer (Doepfer A-156, Intellijel uScale) - VCO or Sample Player (for melodic voices)

**Patch Idea:**

- Send the output of Event Boss in Probability mode (OUT triggers) to the

sequencer's step or reset input. - Use a random or slowly evolving LFO into GATE B/CV to modulate probability/chance rates. - This skips or retriggers sequencer steps at random, creating chance-driven melodic contour. - Use Phase or Gates mode to swing/evolve step triggers for "humanized" play.

**Result:** Non-repeating, generative arpeggios and melodies—perfect for ambient or Berlin School sequences.

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## 4. Logic "Drum Fill" Generator

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### Combine With:

- Any drum modules (Noise Engineering Basimilus, WMD Crater, etc.) - Two unrelated or related clocks/patterns (Pam's Workout, Tempi, clock output from a sequencer)

### Patch Idea:

- Patch two rhythm sources to GATE A1 and GATE B/CV. - Set Event Boss to Logic mode, cycling between AND, OR, XOR etc., to create fills or accents based on logical combinations of two patterns. - Use the A1/A2 select input for further live or CV-controlled logic changes. - Output to drum voice triggers, or re-combine for more complex patterning using another ADE-33 channel!

**Result:** Smart, math-driven percussion fills and complex pattern interweaves.

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## 5. Time-Shifting & Swing Patterns

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### Combine With:

- Gate sequencers (Intellijel Steppy, Verbos Sequence Selector) - Delay modules for CV (ALM Pip Slope as envelope, or Intellijel Quadra/LFO)

### Patch Idea:

- Gate sequence into GATE A1, LFO/Envelope/CV into GATE B/CV. - Use Phase mode to swing, delay, or phase-shift triggers, creating late/early beats, shuffled patterns, or swung hats/snares. - Output to percussive elements or use as clock for follow-on sequencers needing a swung groove.

**Result:** Instantly add musical swing and rhythmic complexity—great for live performance jams!

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## 6. Performance-Friendly Pattern Morphing

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**Combine With:**

- CV sources: joystick (Intellijel Planar), sliders (Make Noise Pressure Points), or random voltage (Wogglebug/Tides) - Output routing, sequential switch (Doepfer A-151 or 2hp Switch)

**Patch Idea:**

- Use a performer-controllable CV (joystick, envelope, or touch controller) to select Local Mode, GATE A1/A2, or Probability/Variables modes in real time. - Route OUT to various destinations via a switch for live jamming and rapid pattern mutation. - Save or recall set-ups via Pamela's Workout or similar master clocks.

**Result:** Evolving, hands-on rhythmic manipulation as part of your live sets—great for techno, IDM, or leftfield modular improvisation.

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## 7. CV as Rhythmic Modulator

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**Combine With:**

- Any modulation destination (filter cutoff, wavefolder, FX depth) - Slew CV source (Make Noise Maths, Befaco Rampage)

**Patch Idea:**

- Use Event Boss OUT as a gate to trigger major CV events—filter sweeps, extreme morphs, sample and hold events, etc. - Pair with Probability, Gates, or Variables modes to make “musical” but unpredictable modulations. - Don't restrict yourself to audio circuits; try switching FX, transposing sequences, or switching quantizer scales in time with evolving ADE-33 rhythms.

**Result:** "Animate" your entire modular with Event Boss as a master rhythmic brain!

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## General Tips

- Take advantage of the ADE-33's button edit modes for deep live CV assignment and performance tweaks.
  - Use sequencers, random CV, or envelopes to modulate ADE-33 parameters for non-repetitive results.
  - Chain the ADE-33 with logic or switching modules to further expand rhythmic complexity.
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## Selected Module-Type Recommendations

- **Gate/Trigger Sequencer:** Intellijel Steppy, Make Noise René, Tiptop Audio Circadian Rhythms
  - **Random/Chaos Source:** Mutable Marbles, Make Noise Wogglebug, SSF Ultra-Random Analog
  - **Clock Dividers/Multipliers:** Doepfer A-160-2, 4ms Rotating Clock Divider/Multiplier
  - **Logic Processors:** Doepfer A-166, Ladik S-180, Erica Synths LOGIC
  - **VCOs and Drum Sound Sources:** Noise Engineering, WMD, Erica Synths, Tiptop
  - **Slew/Envelope Generators:** Maths, Stages, Rampage, Quadra
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**Generated With Eurorack Processor**

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