

# Doepfer – A-135-1

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- [Manual PDF](#)
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## Creative Patch Ideas for Doepfer A-135 VC-Mixer

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The Doepfer A-135 is a four-channel voltage-controlled mixer, each channel equipped with its own VCA under linear CV control, plus per-channel gain and CV amount. Here are some creative ways to use it with other Eurorack modules, taking full advantage of its structure and flexibility:

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### 1. Animated Quad Panning Mixer

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- **Modules Needed:**

- A-135 VC-Mixer
- 4x Audio Sources (Oscillators, Sample Players)
- Quad LFO (e.g., Doepfer A-143-3 or Batumi)
- Output Module

- **Patch Idea:**

- Patch four different audio sources into the four A-135 Audio Ins.
- Use each channel's CV input for modulation from a separate output from the Quad LFO.
- Tweak each LFO's speed and waveform.

- Result: The four audio sources fade in and out rhythmically. Sum output to stereo/mono for randomized, evolving textures.
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## 2. Quad Envelope-Controlled Mixing for Morphing Sounds

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- **Modules Needed:**

- A-135 VC-Mixer
- 4x Envelope Generators (e.g., Doepfer A-140)
- 4x Sound Sources (or filters with different characteristics)

- **Patch Idea:**

- Run four different timbres into the A-135 inputs.
  - Each envelope generator controls one VCA via ext. CV.
  - Trigger all envelopes together to morph through different sources with complex amplitude shapes.
  - Pro Tip: Try different envelope speeds/shapes or retriggering methods for dynamic timbre transitions.
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## 3. MIDI-Controlled Mixer (Performance Morph Mixer)

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- **Modules Needed:**

- A-135 VC-Mixer
- MIDI-to-CV interface (e.g., Doepfer A-190-4)
- MIDI controller or sequencer

- **Patch Idea:**

- Map MIDI control changes (mod wheel, aftertouch, etc.) to the A-135's CV ins via the MIDI-to-CV's multiple outputs.
- Assign each CC to a different channel's VCA.
- Perform dynamic mixing, muting, or morphing from a MIDI keyboard or controller.

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## 4. CV-Controlled Drum Mixer with Randomization

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- **Modules Needed:**

- A-135 VC-Mixer
- Drum Modules or Samplers
- Random CV/Noise Source (e.g., Doepfer A-118, Wogglebug)
- Clock Divider (e.g., Doepfer A-160)

- **Patch Idea:**

- Patch drum hits into inputs.
  - Send random stepped CVs (sample/hold or quantized random) to the channel CVs.
  - Use a clock divider to trigger fresh random CV values.
  - Output: Unpredictable, constantly remixing drum patterns or textures. Tweak random CV depth and gain for subtle to extreme mixes.
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## 5. Stereo Morphing or Crossfader

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- **Modules Needed:**

- A-135 VC-Mixer
- Doepfer A-144 Morph Controller
- 2x or 4x Oscillators/Audio Sources
- Dual Outputs (for stereo)

- **Patch Idea:**

- Use the A-144 to generate four related CVs from one knob/CV input—patch these into the four channel CVs.
- Connect different sounds to the mixer inputs.
- The A-144's morph control will smoothly fade/morph through the four inputs, creating a single-knob or single-CV “morph” across

timbres. Use for stereo morphs, evolving pads, or scene crossfading.

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## 6. Ring Modulation/LFO Audio-Rate AM

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- **Modules Needed:**

- A-135 VC-Mixer
- 4x Sound Sources (or noise/sample players)
- 4x Audio-rate Modulators (Oscillators or fast LFOs)

- **Patch Idea:**

- Patch your audio sources to inputs, and use other oscillators running at audio rate as CV sources.
  - This effectively does amplitude modulation/ring modulation on each input—great for metallic, clangorous, or FM-like effects.
  - Try mixing regular CV and audio-rate CV for even more complex modulation.
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## 7. DAW-like Automation via Sequencer

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- **Modules Needed:**

- A-135 VC-Mixer
- CV Sequencer (e.g., Doepfer A-155, Make Noise Pressure Points)
- Several audio sources

- **Patch Idea:**

- Send different channels of your sequencer to the mixer's channel CV ins.
  - Automate fades and levels for each channel, creating sequenced mixdowns, rhythmic muting, or doppler fade effects.
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## Generic Suggestions

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- Experiment with using *external signals* as CV inputs (audio for sideband effects, gate/triggers for rhythmic switching).
  - Stack VCAs for feedback mixing or nonlinear summing (try patching the A-135's output through more VCAs!).
  - Use the A-135 as a VCA bank for quadraphonic or surround setups.
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## References

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- [Doepfer A-135 VC-Mixer User Manual \(PDF\)](#)
- [Generated With Eurorack Processor](#)