2hp — Tune

- Manual PDF

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Creative Patch Ideas for 2hp Tune Quantizer

The 2hp Tune is a compact, scale-selectable voltage quantizer that's perfect for precise melodic sequencing and generative patching. Here are some innovative ways to harness its potential in your rack, using both specific and general module types for expanded functionality and unique results.

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1. Random/Noise to Melodic Generator

Modules Needed: Random voltage source (e.g., Mutable Instruments Marbles, Noise Engineering Mimetic Digitalis)

- **How**: Patch a random stepped CV output into the Tune's input. Select a musical scale. The output will be quantized to musically relevant notes, turning randomness into melodies.
- **Result**: Humanized, never-repeating yet harmonic sequences—great for generative and ambient work.
- **Tip**: Modulate the scale or bias in real time for evolving harmonic landscapes.

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2. Sequencer Expansion

Modules Needed: Basic sequencer (e.g., Make Noise 0-CTRL, Doepfer A-155)

- **How**: Send the sequencer's pitch CV through the Tune. This restricts note output to your chosen scale, cleaning up "off" notes.
- **Result**: Musically constrained sequences, even from sequencers with coarse CV resolution.
- **Bonus**: Use the bias CV input to transpose sequences in real time via another voltage source, like a second sequencer, offset generator, or CV keyboard.

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3. LFO to Melodic Arpeggiator

Modules Needed: LFO (e.g., Intellijel Dixie II+, ALM Pip Slope), Envelope Generator

- **How**: Use a slow triangle or sine wave LFO (or an envelope) as input. The Tune will quantize the rising and falling voltage to scale notes.
- **Result**: Animated melodic patterns or arpeggios without a traditional sequencer.
- **Variation**: Use multiple offsets and bias modulations for poly-rhythmic or shifting melodies.

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4. Chord Progessions via Scale Morphing

Modules Needed: Sequential switch or CV preset module (e.g., Doepfer A-150, Mutable Instruments Frames)

- **How**: Use a manual or automated switch to cycle the SCALE input (via the scale knob or with CV via a simple utility module). Each position corresponds to a different scale for harmonic movement.

- **Result**: Dynamic scale/tonality change for evolving progressions—useful in generative patches or live improvisation.

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5. Quantized Drum Modulation

Modules Needed: Drum module with pitch or timbre CV input (e.g., Mutable Instruments Plaits, WMD Fracture)

- **How**: Feed Tune's quantized output into modulation destinations of percussive modules. The limited note set can rhythmically accentuate changes in pitch or timbre.
- **Result**: Percussive sequences that have melodic movement but never stray out of scale.

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6. Live Performance Harmonic Shifting

Modules Needed: CV keyboard, Expression Pedal Interface, Pressure Points

- **How**: Use the Bias CV input with a playable controller. This allows you to “slide” the quantized CV output up or down the scale interactively during performance.
- **Result**: Expressive melodic movement, similar to shifting root notes or improvising solos within a chosen scale.

Recommended Module Types for Expanded Functionality

- **Random/Chaos Sources**: For organic, non-repeating melodies (e.g., Wogglebug, SSF Ultra-Random).
- **Utility Mixers/Attenuators/Offset Generators**: For precise control of the bias and input voltage range (e.g., Intellijel Triatt, Make Noise Maths).

- **Envelope Generators & LFOs**: For smooth or rhythmic modulations.
- **Sequential Switches & Logic Modules**: For scale morphing or advanced generative probability patches.
- **Clock Dividers/Multipliers**: To synchronize quantization with rhythmic structures or generative systems.

Pro Tip:

Try stacking multiple quantizers to create multi-voice generative harmonies, or use with switches and logic modules for self-evolving compositions with musically constrained results!

Explore more creative quantizer patches in modular community forums and experiment with combinations for unique results tailored to your musical style.

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