TIPTOP audio 266t Source of Uncertainty Module User Guide

266t Source of Uncertainty Module
User Guide

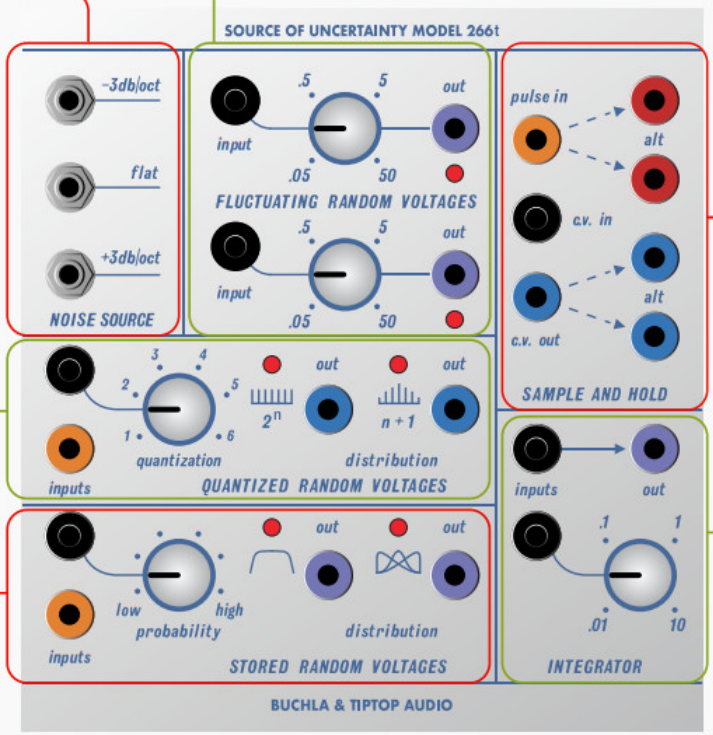
Contents

266t Source of Uncertainty Module

Noise Source:
- **Pink noise** (-3db/oct - low frequency biased)
- **White noise** (flat - equal frequency balanced)
- **Blue noise** (+3db/oct - high frequency biased)

Fluctuating Random Voltages:
- **CV Input** controls the probable rate of random voltage change
- **Knob** offsets the probable rate change from slow 0.05hz to 50hz
- **CV Output** of voltages with LED indicating the fluctuation rate

Quantized Random Voltage:
- **Pulse Input** activates a random stepped voltage at the Output
- **The knob** offsets the varying number of steps from setting 1 to setting 6
- **CV Input** controls the number of steps
- **n+1** is more locally scaled in the 5V range
- **2^n** is more equally distributed over a 10V range



Stored Random Voltage:
- **Pulse Input** activates a random stepped voltage at the **CV Outputs**
- **The left CV Output** is an evenly distributed random voltage
- **The right CV Output** has a **potentiometer** and **CV input** to determine the random voltage distribution.
- **CV In** affects the "curve" distribution of the **right CV Output**
- **The knob** offsets the "curve" distribution of the **right CV Output.**

Fully counterclockwise skews in favor of lower voltages. The middle is a bell curve distribution and clockwise skews toward higher voltages.

Integrator:
- **Input** is looking for discrete or stepped voltages
- **The knob** proportionally smooths out the incoming voltage from 0.01 (no smoothing) to 10 (dramatic smoothing, glissandi)
- **CV Input** controls the smoothing potentiometer
- **TR1** is a trimmer on the back of the module, it adjust the range of the Integrator.

Sample and Hold:
- **Pulse Input** samples the voltage at the CV Input
- **Pulse "alt"** divides the incoming pulse into alternating pulse outputs
- **CV Input** for periodic, continuous or fluctuating voltages
- **CV Output** of the complete voltages
- **CV Output "alt"** divides the voltages into alternating outputs (great for ping pong effects)

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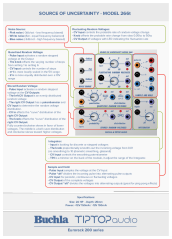
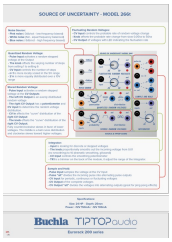
Specifications:
Size: 24 HP – Depth: 25mm
Power: +12V 150mA / -12V 100mA
Eurorack 200 series

Documents / Resources

	**TIPTOP audio 266t Source of Uncertainty Module** [pdf] User Guide 266t Source of Uncertainty Module, 266t, Source of Uncertainty Module, Uncertainty Module, Module
	**TIPTOP audio 266T Source Of Uncertainty** [pdf] User Guide 266T Source Of Uncertainty, 266T, Source Of Uncertainty, Uncertainty

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