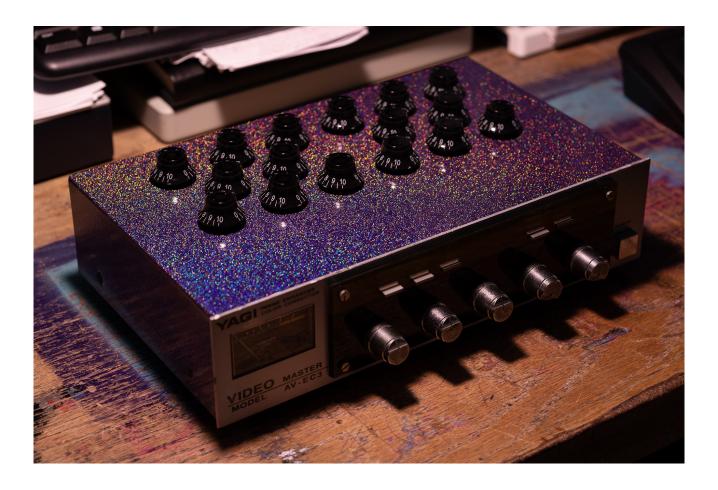# Fermata Spectraloom
Operation Instructions

Technical Specifications

Operating Voltage: 100V (Requires a step-down transformer).
Standard: NTSC
Inputs: 3
Outputs: 3
Effect Controls: 16
Original Enhancer Controls: 5

Operation

When operating this unit, utilize the 16 effect controls on top in concert with the 5 original enhancer controls at the front. Consider these knobs as a patch matrix, where engaging multiple controls at once creates an alchemy of new effects. Exploration and experimentation are the primary paths to unlocking the most interesting effects from your unit - serendipity is your greatest ally.

For a quick point of entry; with all 16 effect controls zeroed, and the unit's mode switched from 'Bypass' to 'Enhancer' on the front panel, turn 'Lum Gain' to maximum, and both 'Sharpness' & 'Detail' to about 12 o'clock. Gradually engage effect control 16 (bottom right).

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Front Panel Controls

Buttons (from left to right):

Input Selector: C, B & A
Mode Selector: Enhancer & Bypass
Power

Knobs (from left to right):

Lum Gain
Color Phase
Color Gain
Sharpness
Detail

All 5 original enhancer controls on the front panel are active and allow you to fine-tune the 16 effect controls on the top of the unit, providing you with a depth of palettes to explore, from subtle to extreme.

You can connect up to three video sources to the unit, using channel selection buttons A, B & C to switch between them. Input selector A corresponds to the top row of RCA jacks located at the back of the unit, channel B corresponds to the middle row of jacks, and channel C corresponds to the bottom row.

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Real Panel Connections

Video Input & Output (Leftmost cluster):

Input & Output A
Input & Output B
Input & Output C

Audio Input & Output (Middle & rightmost clusters):

Input L/R & Output L/R A
Input L/R & Output L/R B
Input L/R & Output L/R C

The three rows (A, B & C) of jacks correspond to input selector buttons A, B & C located at the front of the unit.

The audio signal pathway is unmodified and exists on the unit solely as a passthrough.

Care

To best preserve the longevity of the electronic components within the unit, turn it off when you have finished using it. This unit is recommended for studio use only.

Clean the painted surface gently with a dry microfiber cloth - optical cloth works well.

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