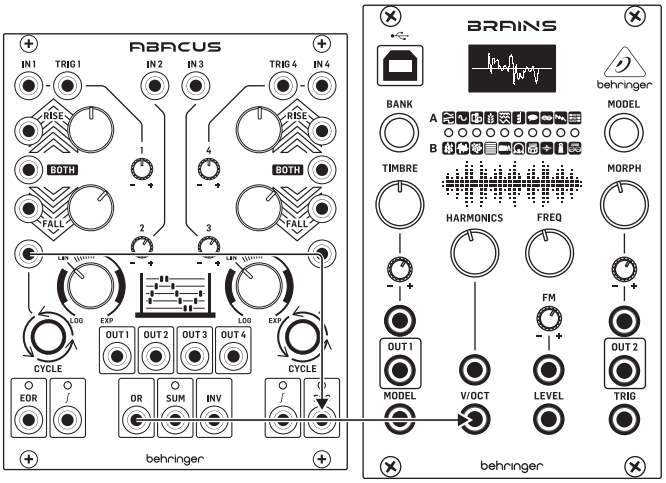
Sample Patches

ABACUS

Analog Music Computer for Eurorack

Honeysmack Crazy Cross Modulation Patch



Patch

From	To
CH4 EOC	CH1 Cycle Trigger
SUM	Brains V/Oct Input

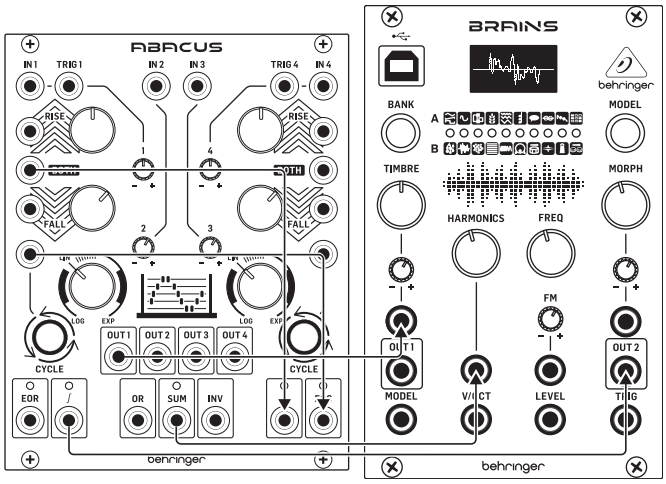
Controls

Control	Setting
CH4 Cycle	On (self cycling)
CH4 Rise	12 o'clock
CH4 Fall	1 – 2 o'clock
CH4 Response	Linear
CH1 Rise	12 o'clock
CH1 Fall	1 – 2 o'clock
CH1 Response	Linear
All Attenuverters	12 o'clock

Brains Chord model works well, although can work with other tonal waveforms

Play with Channel 2 attenuverter for pitch control. Adjust curves on Channels 1 & 4 for rhythmic effects. Adding external trigs/gates on Channel 3 will provide extra rhythmic filter-like pings.

Hyberus Glitch Patch



Patch

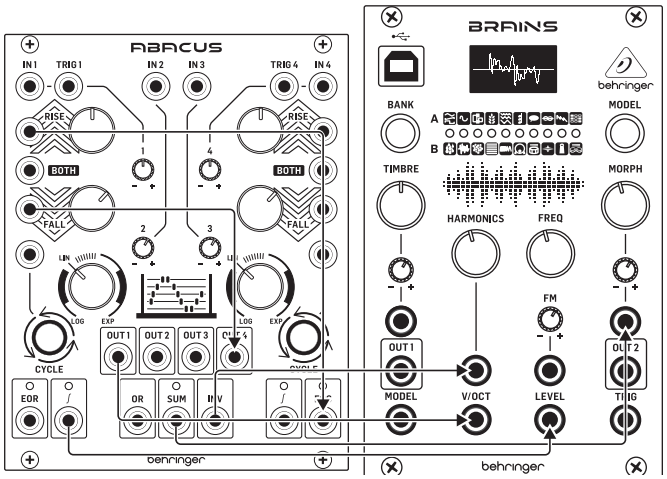
From	To
CH1 Out	Brains Timbre In (attenuverter to maximum)
CH1 *f* Out	Brains Morph In (attenuverter to maximum)
CH4 *f* Out	CH1 Both In
CH4 EOC Out	CH1 Cycle Trigger In
SUM Out	Brains Harmonics In

Controls

Control	Setting
CH1 Attenuverter	Minimum (fully CCW)
CH1 Rise	Maximum (fully CW)
CH1 Fall	3 o'clock
CH1 Response	Logarithmic
CH2 Attenuverter	11 o'clock
CH3 Attenuverter	12 o'clock
CH4 Attenuverter	3 o'clock
CH4 Rise	2 o'clock
CH4 Fall	2 o'clock
CH4 Response	Midway between Log and Lin
CH4 Cycle	On (self cycling)
Brains Harmonics	9 o'clock

To make it even more interesting patch an external S&H source, triggered by CH1 EOR to the Both In of CH4. Works best with Brains Additive model.

Atari Safari 'Ghost in the System' Patch



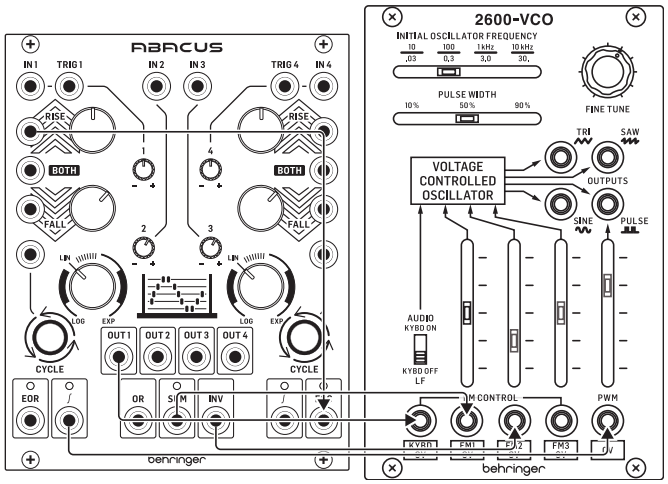
Patch

From	To
CH4 EOC Out	CH1 Rise
CH4 Out	CH1 Fall
CH1 *f* Out	Brains Frequency In
CH1 Out	Brains V/Oct In
SUM Out	Brains Harmonics In
INV Out	Brains Morph In

Controls

Control	Setting
CH1 Attenuverter	12 o'clock
CH1 Rise	10 o'clock
CH1 Fall	8 o'clock
CH1 Response	Logarithmic – around 8 o'clock
CH1 Cycle	On (Self-cycling)
CH2 Attenuverter	10 o'clock
CH3 Attenuverter	7 o'clock
CH4 Attenuverter	12 o'clock
CH4 Rise	11 o'clock
CH4 Fall	7 o'clock
CH4 Response	Between Log and Lin – around 10 o'clock
CH4 Cycle	On (Self-cycling)

Atari Safari Race Car Patch



Patch

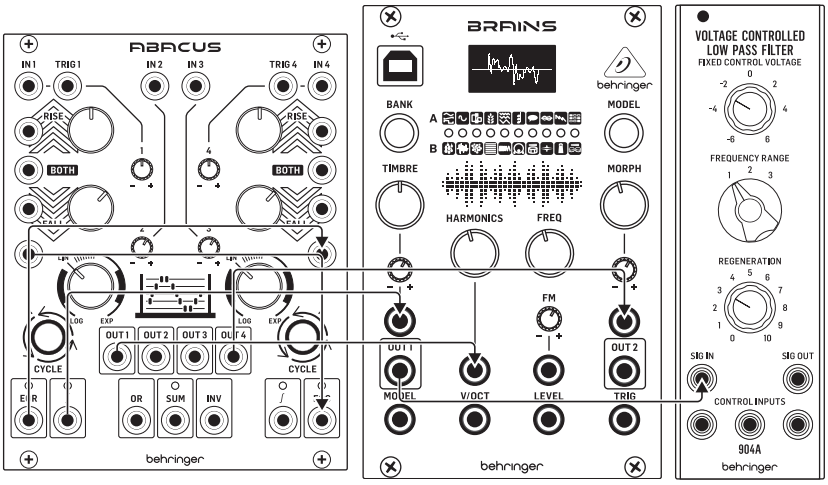
From	To
CH4 EOC Out	CH1 Rise
CH1 Out	2600-VCO KYBD CV In
SUM Out	2600-VCO FM[1] CV In
INV Out	2600-VCO FM2 CV In
CH1 *f* Out	2600-VCO PWM VC In

Controls

Control	Setting
CH1 Attenuverter	1 o'clock
CH1 Rise	1 o'clock
CH1 Fall	2 o'clock
CH1 Response	Exponential – 3 o'clock
CH1 Cycle	On (Self-cycling)
CH2 Attenuverter	8 o'clock
CH3 Attenuverter	10 O'clock
CH4 Attenuverter	1 o'clock
CH4 Rise	12 o'clock
CH4 Fall	9 o'clock
CH4 Response	Linear – around 1 o'clock
CH4 Cycle	On (Self-cycling)

2600-VCO frequency around 800 Hz, Pulse width 10%, Fm Control 1&2 around 50%, PWM cv control maximum. Use Saw and pulse outputs panned hard left and right.

Hyberus 'Welcome to the Machine' Patch



Patch

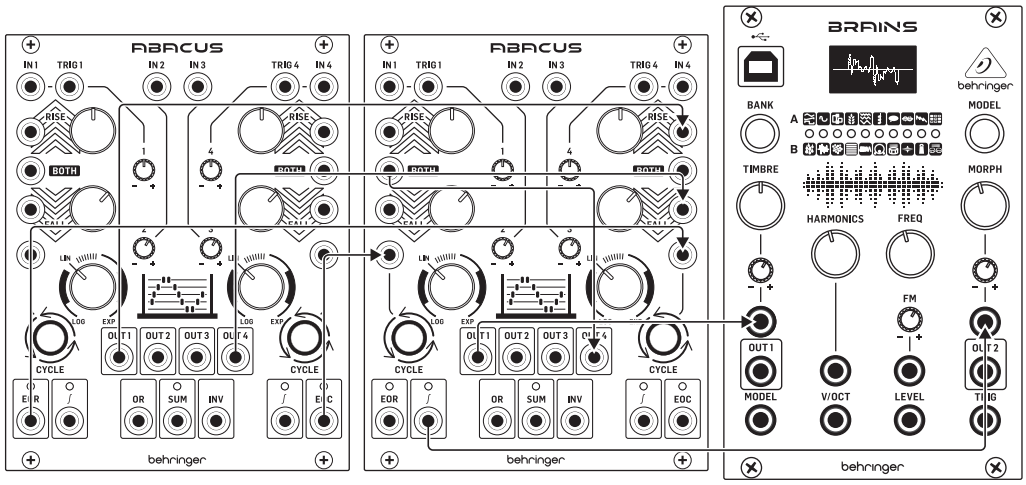
From	To
CH1 EOC Out	CH4 Cycle Trigger In
CH1 Out	Brains Harmonics In
CH1 *f* Out	Brains Timbre In (attenuverter full CCW)
CH4 Out	Brains Morph In (attenuverter full CCW)
Brains Out 1	904A Signal In

Controls

Control	Setting
CH1 attenuverter	10 o'clock (but experiment between 9 and 3)
CH1 Rise	10 o'clock (but experiment between 9 and 3)
CH1 Fall	10 o'clock (but experiment between 9 and 3)
CH1 Response	Logarithmic – 8 o'clock
CH4 attenuverter	5 o'clock
CH4 Rise	9 o'clock
CH4 Fall	1 o'clock
CH4 Response	Linear/Exponential – 1 o'clock
904A Fixed Control Voltage	10 o'clock (but experiment between 8 and 11)
904A Regeneration	7 o'clock
904A Frequency Range	3

Works best with Brains Additive model.

Hyberus "Buy Another Abacus" Patch



Patch

From	To
Left Abacus CH1 Out	Right Abacus CH4 Rise
Left Abacus CH4 Out	Right Abacus CH4 Fall
Left Abacus CH1 EOR Out	Right Abacus CH4 Cycle Trigger
Left Abacus CH4 EOC Out	Right Abacus CH1 Cycle Trigger
Right Abacus CH1 Out	Brains Timbre (attenuverter maximum)
Right Abacus CH1 ƒ Out	Brains Morph (attenuverter maximum)
Right Abacus CH4 Out	Right Abacus CH1 Both In

Controls

Control	Setting
Left Abacus CH1 Attenuverter	5 o'clock
Left Abacus CH1 Rise	12 o'clock
Left Abacus CH1 Fall	11 o'clock
Left Abacus Response	Linear 10 o'clock
Left Abacus CH4 Attenuverter	5 o'clock
Left Abacus CH4 Rise	Between 7 o'clock and 11 o'clock
Left Abacus CH4 Fall	Between 7 o'clock and 11 o'clock
Left Abacus CH4 Response	Logarithmic 7 o'clock
Right Abacus CH1 Attenuverter	10 o'clock
Right Abacus CH1 Rise	Between 9 o'clock and 10 o'clock
Right Abacus CH1 Fall	11 o'clock
Right Abacus CH1 Response	Logarithmic 8 o'clock
Right Abacus CH4 Attenuverter	5 o'clock
Right Abacus CH4 Rise	10 o'clock
Right Abacus CH4 Fall	11 o'clock
Right Abacus CH4 Response	Linear 1 o'clock

Works with most Brains models.