

**MOOG MUSIC IS AN
EMPLOYEE-OWNED COMPANY
BASED IN ASHEVILLE, NC**

Synthesize Love

moog

DISCO TOM

MATCH ALL KNOBS, SWITCHES & PATCH LOCATIONS TO THE GRAPHICS BELOW.

ARP/SEQ

GATE OUT
KB OUT
KB VEL OUT
RATE
ARP SEQ (REC) MODE
ORDER FWD/BKWD RNDM DIRECTION
OCT/SEQ

MODULATION

RATE IN
WAVE OUT
SYN IN
SM OUT
RATE
PITCH AMT
CUTOFF AMT
PULSE WIDTH AMT
WAVEFORM

OSCILLATORS

1
WAVE OUT
PITCH IN
PWM IN
OCTAVE
WAVEFORM
2
WAVE OUT
PITCH IN
LIN FM IN
OCTAVE
FREQUENCY
SYNC

MIXER

OSC 1 IN
OSC 2 IN
NOISE IN
OUTPUT
OSCILLATOR 1
OSCILLATOR 2
NOISE

UTILITIES

MULT
HIGH PASS
ATTENUATOR

FILTER

INPUT
OUTPUT
ENV AMT IN
CUTOFF IN
200Hz
2kHz
CUTOFF
20Hz
20kHz
1:2 OFF 1:1
KBD TRACK
ENVELOPE AMT
RESONANCE

ENVELOPE

TRIGGER IN
ENV OUT
ENV OUT
ATTACK
DECAY
RELEASE
SUSTAIN

OUTPUT

VCA AMT IN
VCA IN
REVERB IN
VOLUME
ENV RLS
DRONE
VCA MODE

SPRING REVERB

MIX

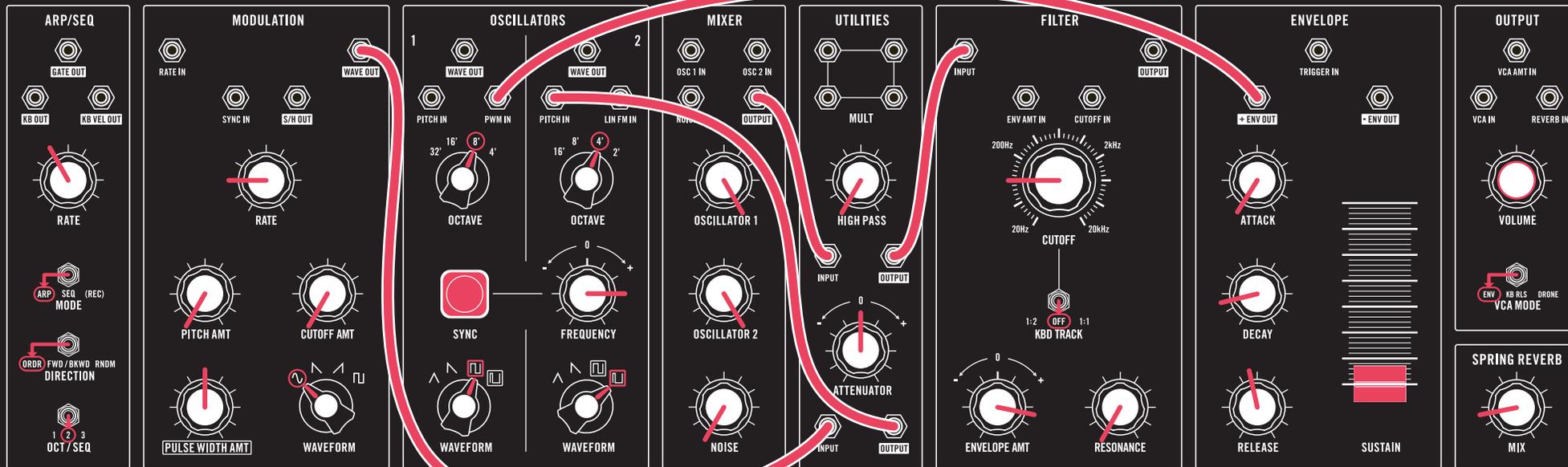
DRONE TIDES

MATCH ALL KNOBS, SWITCHES & PATCH LOCATIONS TO THE GRAPHICS BELOW.



EVOLUTION ARP

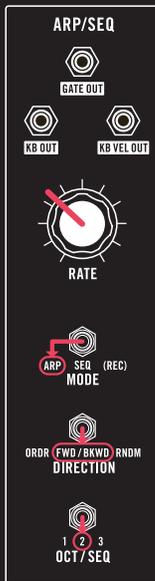
MATCH ALL KNOBS, SWITCHES & PATCH LOCATIONS TO THE GRAPHICS BELOW.



FAT PLUCK BASS

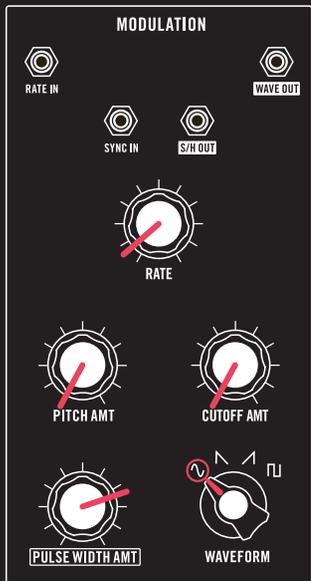
MATCH ALL KNOBS, SWITCHES & PATCH LOCATIONS TO THE GRAPHICS BELOW.

ARP/SEQ



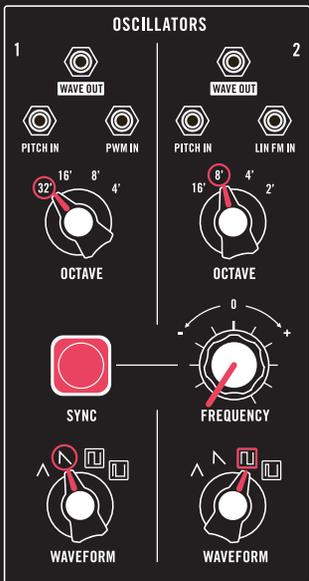
Panel with knobs and switches for ARP/SEQ. Includes: GATE OUT, KB OUT, KB VEL OUT, RATE, ARP SEQ (REC) MODE, ORDR (FWD/BKWD) RNDM DIRECTION, and OCT/SEQ (1, 2, 3).

MODULATION



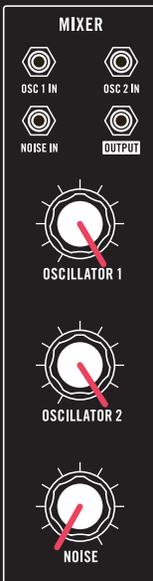
Panel with knobs and switches for MODULATION. Includes: RATE IN, WAVE OUT, SYNC IN, SM OUT, RATE, PITCH AMT, CUTOFF AMT, PULSE WIDTH AMT, and WAVEFORM.

OSCILLATORS



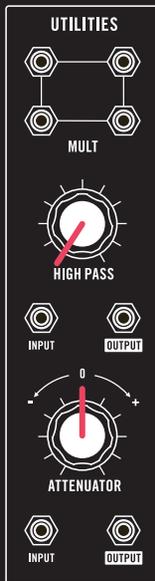
Panel with knobs and switches for OSCILLATORS. Includes: WAVE OUT, PITCH IN, PWM IN, OCTAVE (16', 8', 4', 2'), SYNC, FREQUENCY, WAVEFORM, and WAVEFORM.

MIXER



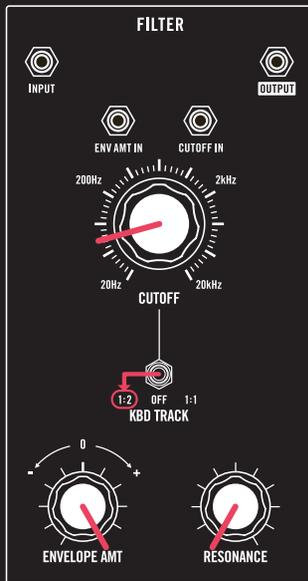
Panel with knobs and switches for MIXER. Includes: OSC 1 IN, OSC 2 IN, NOISE IN, OUTPUT, OSCILLATOR 1, OSCILLATOR 2, and NOISE.

UTILITIES



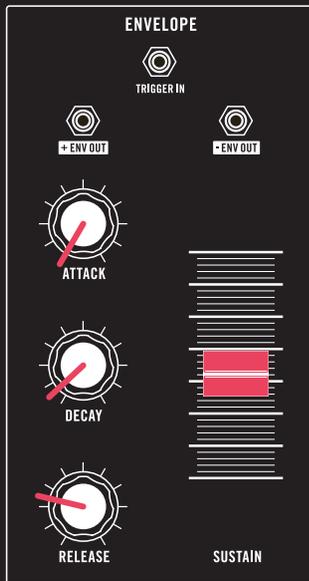
Panel with knobs and switches for UTILITIES. Includes: MULT, HIGH PASS, ATTENUATOR, and INPUT/OUTPUT.

FILTER



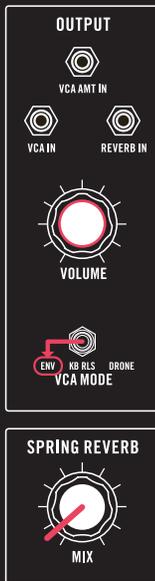
Panel with knobs and switches for FILTER. Includes: INPUT, OUTPUT, ENV AMT IN, CUTOFF IN, CUTOFF (200Hz, 20kHz), KBD TRACK (1:2, OFF, 1:1), ENVELOPE AMT, and RESONANCE.

ENVELOPE



Panel with knobs and switches for ENVELOPE. Includes: TRIGGER IN, ENV OUT, ENV OUT, ATTACK, DECAY, RELEASE, SUSTAIN, and a sustain envelope graph.

OUTPUT



Panel with knobs and switches for OUTPUT. Includes: VCA AMT IN, VCA IN, REVERB IN, VOLUME, ENV, KB, RLS, DRONE, VCA MODE, and SPRING REVERB MIX.

ORGAN LEAD

MATCH ALL KNOBS, SWITCHES & PATCH LOCATIONS TO THE GRAPHICS BELOW.

ARP/SEQ

- GATE OUT
- KB OUT
- KB VEL OUT
- RATE
- ARP SEQ (REC) MODE
- ORDR FWD/BKWD RNDM DIRECTION
- OCT/SEQ

MODULATION

- RATE IN
- WAVE OUT
- SYNC IN
- S/H OUT
- RATE
- PITCH AMT
- CUTOFF AMT
- PULSE WIDTH AMT
- WAVEFORM

OSCILLATORS

- 1 WAVE OUT
- 2 WAVE OUT
- PITCH IN
- PWM IN
- PITCH IN
- LIN FM IN
- OCTAVE
- OCTAVE
- FREQUENCY
- WAVEFORM
- WAVEFORM

MIXER

- OSC 1 IN
- OSC 2 IN
- NOISE IN
- OUTPUT
- OSCILLATOR 1
- OSCILLATOR 2
- NOISE

UTILITIES

- MULT
- HIGH PASS
- ATTENUATOR
- INPUT
- OUTPUT

FILTER

- ENV AMT IN
- CUTOFF IN
- 200Hz
- 20kHz
- CUTOFF
- 20Hz
- 20kHz
- 1:2 OFF 1:1 KBD TRACK
- ENVELOPE AMT
- RESONANCE

ENVELOPE

- TRIGGER IN
- + ENV OUT
- ENV OUT
- ATTACK
- DECAY
- RELEASE
- SUSTAIN

OUTPUT

- VCA AMT IN
- VCA IN
- REVERB IN
- VOLUME
- ENV KB RLS DRONE VCA MODE
- SPRING REVERB
- MIX

SHORT FLUTEY ARP

MATCH ALL KNOBS, SWITCHES & PATCH LOCATIONS TO THE GRAPHICS BELOW.

ARP/SEQ

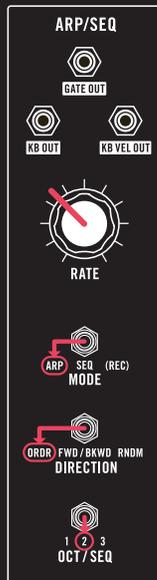


Diagram showing connections for ARP/SEQ: GATE OUT, KB OUT, KB VEL OUT, RATE knob, ARP SEQ (REC) MODE switch, ORDR FWD/BKWD RNDM DIRECTION switch, and OCT/SEQ knob with positions 1, 2, 3.

MODULATION

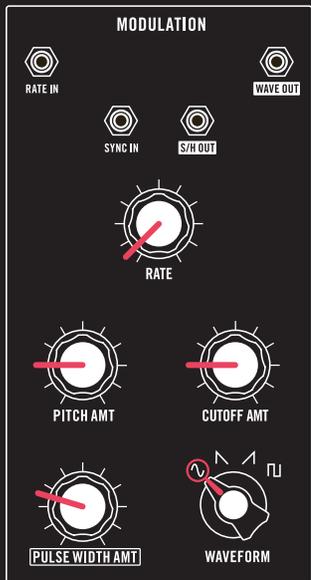


Diagram showing connections for MODULATION: RATE IN, WAVE OUT, SYNC IN, SM OUT, RATE knob, PITCH AMT knob, CUTOFF AMT knob, PULSE WIDTH AMT knob, and WAVEFORM knob.

OSCILLATORS

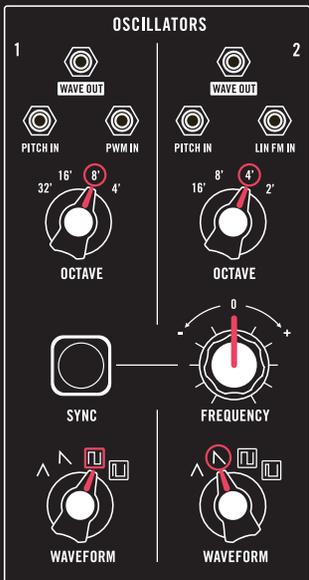


Diagram showing connections for OSCILLATORS: WAVE OUT, PITCH IN, PWM IN, PITCH IN, LIN FM IN, OCTAVE knob (positions 4, 8, 16, 32), SYNC switch, FREQUENCY knob, WAVEFORM knob, and WAVEFORM knob.

MIXER

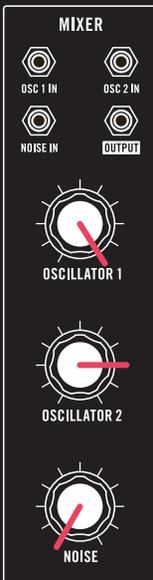


Diagram showing connections for MIXER: OSC 1 IN, OSC 2 IN, NOISE IN, OUTPUT, OSCILLATOR 1 knob, OSCILLATOR 2 knob, and NOISE knob.

UTILITIES

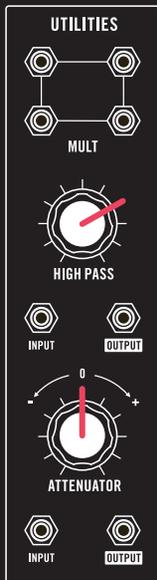


Diagram showing connections for UTILITIES: MULT switch, HIGH PASS knob, INPUT and OUTPUT ports, ATTENUATOR knob, and INPUT and OUTPUT ports.

FILTER

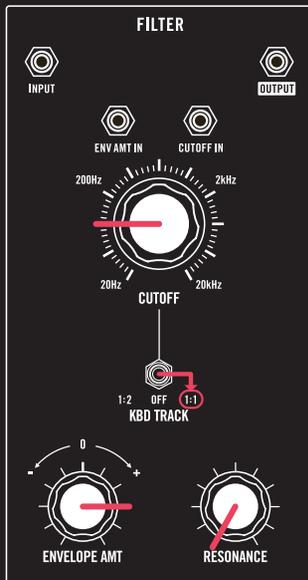


Diagram showing connections for FILTER: INPUT, OUTPUT, ENV AMT IN, CUTOFF IN, CUTOFF knob (200Hz to 20kHz), KBD TRACK switch (1:2 OFF, 1:1), ENVELOPE AMT knob, and RESONANCE knob.

ENVELOPE

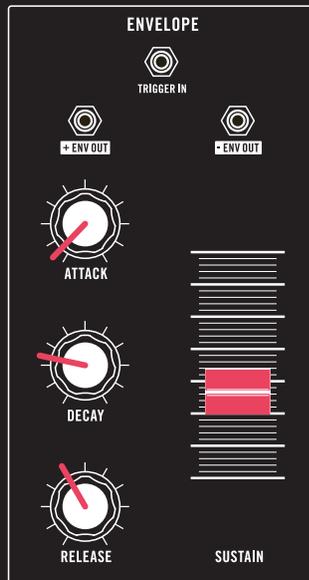


Diagram showing connections for ENVELOPE: TRIGGER IN, ENV OUT, ENV OUT, ATTACK knob, DECAY knob, SUSTAIN switch, and RELEASE knob.

OUTPUT

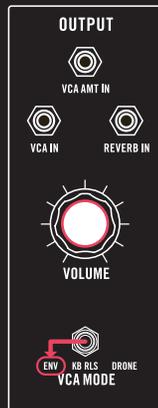


Diagram showing connections for OUTPUT: VCA AMT IN, VCA IN, REVERB IN, VOLUME knob, and ENV RLS DRONE VCA MODE switch.

SPRING REVERB



Diagram showing connections for SPRING REVERB: MIX knob.

SILKY LEAD

MATCH ALL KNOBS, SWITCHES & PATCH LOCATIONS TO THE GRAPHICS BELOW.

ARP/SEQ

Panel with knobs and switches for ARP/SEQ. Includes: GATE OUT, RATE, KB OUT, KB VEL OUT, ARP SEQ (REC) MODE, ORDR FWD/BKWD RNDM DIRECTION, and OCT/SEQ (1, 2, 3).

MODULATION

Panel with knobs and switches for MODULATION. Includes: RATE IN, RATE, WAVE OUT, SYNC IN, SYN OUT, RATE, PITCH AMT, CUTOFF AMT, PULSE WIDTH AMT, and WAVEFORM.

OSCILLATORS

Panel with knobs and switches for OSCILLATORS. Includes: WAVE OUT, PITCH IN, PWM IN, OCTAVE (16', 8', 4', 32'), WAVEFORM, SYNC, FREQUENCY, and WAVEFORM.

MIXER

Panel with knobs and switches for MIXER. Includes: OSC 1 IN, OSC 2 IN, NOISE IN, OUTPUT, OSCILLATOR 1, OSCILLATOR 2, and NOISE.

UTILITIES

Panel with knobs and switches for UTILITIES. Includes: MULT, HIGH PASS, ATTENUATOR, and INPUT/OUTPUT.

FILTER

Panel with knobs and switches for FILTER. Includes: INPUT, ENV AMT IN, CUTOFF IN, CUTOFF (200Hz, 20kHz), ENVELOPE AMT, RESONANCE, and KBD TRACK (1:2, OFF, 1:1).

ENVELOPE

Panel with knobs and switches for ENVELOPE. Includes: TRIGGER IN, ENV OUT, ATTACK, DECAY, RELEASE, SUSTAIN, and a red rectangular graphic.

OUTPUT

Panel with knobs and switches for OUTPUT. Includes: VCA AMT IN, VCA IN, REVERB IN, VOLUME, and ENV VCA MODE.

SPRING REVERB

Panel with knobs and switches for SPRING REVERB. Includes: MIX.

SYNCY SLINK LEAD

MATCH ALL KNOBS, SWITCHES & PATCH LOCATIONS TO THE GRAPHICS BELOW.



WRECKED BASS

MATCH ALL KNOBS, SWITCHES & PATCH LOCATIONS TO THE GRAPHICS BELOW.

ARP/SEQ

- GATE OUT
- KB OUT
- KB VEL OUT
- RATE
- ARP SEQ (REC) MODE
- ORDR FWD / BKWD. RNDM DIRECTION
- OCT / SEQ (1, 2, 3)

MODULATION

- RATE IN
- WAVE OUT
- SYNC IN
- S/P OUT
- RATE
- PITCH AMT
- CUTOFF AMT
- PULSE WIDTH AMT
- WAVEFORM

OSCILLATORS

- WAVE OUT
- PITCH IN
- PWM IN
- PITCH IN
- LIN FM IN
- OCTAVE (32', 16', 8', 4', 2')
- FREQUENCY
- WAVEFORM
- WAVEFORM

MIXER

- OSC 1 IN
- OSC 2 IN
- NOISE IN
- OUTPUT
- OSCILLATOR 1
- OSCILLATOR 2
- NOISE

UTILITIES

- MULT
- HIGH PASS
- ATTENUATOR

FILTER

- INPUT
- ENV AMT IN
- CUTOFF IN
- OUTPUT
- CUTOFF (200Hz, 2kHz, 20Hz, 20kHz)
- KBD TRACK (1:2, OFF, 1:1)
- ENVELOPE AMT
- RESONANCE

ENVELOPE

- TRIGGER IN
- ENV OUT
- ATTACK
- DECAY
- RELEASE
- SUSTAIN

OUTPUT

- VCA AMT IN
- VCA IN
- REVERB IN
- VOLUME
- ENV KB RLS DRONE VCA MODE
- SPRING REVERB
- MIX

SLOWFIRE

MATCH ALL KNOBS, SWITCHES & PATCH LOCATIONS TO THE GRAPHICS BELOW.

The control panel is organized into the following sections:

- ARP/SEQ:** Includes GATE OUT, KB OUT, KB VEL OUT, RATE knob, and mode switches for ARP, SEQ (REC), and ORDER FWD/BKWD/RNDM DIRECTION. It also features an OCT/SEQ knob with positions 1, 2, and 3.
- MODULATION:** Includes RATE IN, RATE knob, SYNC IN, S/H OUT, PITCH AMT knob, CUTOFF AMT knob, PULSE WIDTH AMT knob, and WAVEFORM knob.
- OSCILLATORS:** Divided into two channels. Channel 1 includes WAVE OUT, PITCH IN, PWM IN, OCTAVE knob (with markings 32', 16', 8', 4'), SYNC switch, and WAVEFORM knob. Channel 2 includes WAVE OUT, PITCH IN, LIN FM IN, OCTAVE knob (with markings 16', 8', 4', 2'), FREQUENCY knob, and WAVEFORM knob.
- MIXER:** Includes NOISE IN, OSCILLATOR 1 knob, OSCILLATOR 2 knob, and NOISE knob.
- UTILITIES:** Includes MULT switch, HIGH PASS switch, and ATTENUATOR knob with INPUT and OUTPUT connections.
- FILTER:** Includes INPUT knob, ENVELOPE AMT knob, CUTOFF IN knob, CUTOFF knob (with markings 200Hz, 20Hz, 20kHz), KBD TRACK switch (OFF, 1:2, 1:1), ENVELOPE AMT knob, and RESONANCE knob.
- ENVELOPE:** Includes TRIGGER IN, +ENVELOPE OUT knob, -ENVELOPE OUT knob, ATTACK knob, DECAY knob, RELEASE knob, and SUSTAIN switch.
- OUTPUT:** Includes VCA AMT IN knob, VCA IN knob, REVERB IN knob, VOLUME knob, and VCA MODE switch (ENV, KB RLS, DRONE).
- SPRING REVERB:** Includes MIX knob.

Turn **GLIDE** to 1 o'clock.

PHASES

MATCH ALL KNOBS, SWITCHES & PATCH LOCATIONS TO THE GRAPHICS BELOW.

The diagram shows a synthesizer control panel with the following sections and controls:

- ARP/SEQ:** GATE OUT, KB OUT, KB VEL OUT, RATE, ARP SEQ (REC) MODE, ORDER FWD/BKWD RNDM DIRECTION, OCT/SEQ (1, 2, 3).
- MODULATION:** RATE IN, WAVE OUT, SYNC IN, S/H OUT, RATE, PITCH AMT, CUTOFF AMT, PULSE WIDTH AMT, WAVEFORM.
- OSCILLATORS:** 1. WAVE OUT, PITCH IN, PWM IN, OCTAVE (16', 8', 4', 32'), SYNC, WAVEFORM. 2. WAVE OUT, PITCH IN, PWM IN, OCTAVE (8', 4', 2', 16'), FREQUENCY, WAVEFORM.
- MIXER:** OSC 1 IN, OSC 2 IN, NOISE IN, OUTPUT, OSCILLATOR 1, OSCILLATOR 2, NOISE.
- UTILITIES:** MULT, HIGH PASS, ATTENUATOR (INPUT, OUTPUT).
- FILTER:** INPUT, ENV AMT IN, CUTOFF IN, OUTPUT, CUTOFF (200Hz to 20kHz), ENVELOPE AMT, RESONANCE, KBD TRACK (1:2, OFF, 1:1).
- ENVELOPE:** TRIGGER IN, +ENV OUT, -ENV OUT, ATTACK, DECAY, RELEASE, SUSTAIN.
- OUTPUT:** VCA AMT IN, VCA IN, REVERB IN, VOLUME, ENV KBD RLS DRONE VCA MODE.
- SPRING REVERB:** MIX.

Red lines connect the following controls to their graphical representations in the 'MATCH' section below:

- ARP/SEQ: GATE OUT, KB VEL OUT, RATE, ARP SEQ (REC) MODE, ORDER FWD/BKWD RNDM DIRECTION, OCT/SEQ (3).
- MODULATION: RATE, PITCH AMT, CUTOFF AMT, PULSE WIDTH AMT, WAVEFORM.
- OSCILLATORS: 1. WAVE OUT, PITCH IN, PWM IN, OCTAVE (8'), SYNC, WAVEFORM. 2. WAVE OUT, PITCH IN, PWM IN, OCTAVE (16'), FREQUENCY, WAVEFORM.
- MIXER: OSC 2 IN, NOISE IN, OSCILLATOR 1, OSCILLATOR 2, NOISE.
- UTILITIES: MULT, HIGH PASS, ATTENUATOR (INPUT, OUTPUT).
- FILTER: ENV AMT IN, CUTOFF IN, CUTOFF (20kHz), ENVELOPE AMT, RESONANCE, KBD TRACK (1:2).
- ENVELOPE: TRIGGER IN, +ENV OUT, -ENV OUT, ATTACK, DECAY, RELEASE, SUSTAIN.
- OUTPUT: VCA IN, REVERB IN, VOLUME, ENV KBD RLS DRONE VCA MODE.
- SPRING REVERB: MIX.

Adjust **ATTENUATOR** knob for sparkles.

THE DREAM

MATCH ALL KNOBS, SWITCHES & PATCH LOCATIONS TO THE GRAPHICS BELOW.

ARP/SEQ

- GATE OUT
- KB OUT
- KB VEL OUT
- RATE
- ARP SEQ (REC) MODE
- ORDER FWD / BKWD RNDM DIRECTION
- OCT / SEQ

MODULATION

- RATE IN
- WAVE OUT
- SYNC IN
- S/H OUT
- RATE
- PITCH AMT
- CUTOFF AMT
- PULSE WIDTH AMT
- WAVEFORM

OSCILLATORS

- 1 WAVE OUT
- 2 WAVE OUT
- PITCH IN
- PWM IN
- PITCH IN
- LIN FM IN
- OCTAVE
- OCTAVE
- 0
- FREQUENCY
- WAVEFORM
- WAVEFORM

MIXER

- OSC 1 IN
- OSC 2 IN
- NOISE IN
- OUTPUT
- OSCILLATOR 1
- OSCILLATOR 2
- NOISE

UTILITIES

- MULT
- INPUT
- OUTPUT
- ATTENUATOR
- INPUT
- OUTPUT

FILTER

- INPUT
- OUTPUT
- ENV AMT IN
- CUTOFF IN
- 200Hz
- 20kHz
- CUTOFF
- 20Hz
- 20kHz
- 1:2 OFF 1:1 KBD TRACK
- ENVELOPE AMT
- RESONANCE

ENVELOPE

- TRIGGER IN
- + ENV OUT
- ENV OUT
- ATTACK
- DECAY
- RELEASE
- SUSTAIN

OUTPUT

- VCA AMT IN
- VCA IN
- REVERB IN
- VOLUME
- ENV KBD RLS DRONE VCA MODE
- SPRING REVERB
- MIX

COSMOCHORDAL

MATCH ALL KNOBS, SWITCHES & PATCH LOCATIONS TO THE GRAPHICS BELOW.



Raise **MOD WHEEL** for filter bubble.
Adjust **ATTENUATOR** for **OSC 2** vibrato / Add **GLIDE**.

DISCO-DRONE

MATCH ALL KNOBS, SWITCHES & PATCH LOCATIONS TO THE GRAPHICS BELOW.

The image displays ten control panels for the DISCO-DRONE synthesizer, each with various knobs, switches, and sliders. A red arrow points from the 'WAVE OUT' knob in the OSCILLATORS panel to the 'WAVE OUT' knob in the MODULATION panel.

- ARP/SEQ:** GATE OUT, KB OUT, KB VEL OUT, RATE, ARP SEQ (REC) MODE, ORDER FWD/BKWD RNDM DIRECTION, OCT/SEQ.
- MODULATION:** RATE IN, WAVE OUT, SYNC IN, S/H OUT, RATE, PITCH AMT, CUTOFF AMT, PULSE WIDTH AMT, WAVEFORM.
- OSCILLATORS:** WAVE OUT, WAVEFORM, PITCH IN, PWM IN, PITCH IN, LIN FM IN, OCTAVE, SYNC, FREQUENCY, WAVEFORM, WAVEFORM.
- MIXER:** OSC 1 IN, OSC 2 IN, NOISE IN, OUTPUT, OSCILLATOR 1, OSCILLATOR 2, NOISE.
- UTILITIES:** MULT, HIGH PASS, ATTENUATOR.
- FILTER:** INPUT, OUTPUT, ENV AMT IN, CUTOFF IN, CUTOFF, ENVELOPE AMT, RESONANCE.
- ENVELOPE:** TRIGGER IN, +ENV OUT, -ENV OUT, ATTACK, DECAY, RELEASE, SUSTAIN.
- OUTPUT:** VCA AMT IN, VCA IN, REVERB IN, VOLUME, ENV KB RLS DRONE VCA MODE.
- SPRING REVERB:** MIX.

PLAY / HOLD "Arp." Play one note.

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