

MOOG MUSIC INC.
GRANDMOTHER EXPLORATION PATCHBOOK

Patches Designed By

MIKE DEAN

6 patches

moog

MIKE DEAN IS ONE OF HIP-HOP'S MOST LEGENDARY PRODUCERS, KNOWN AND RESPECTED FOR HIS WORK WITH ARTISTS LIKE KANYE WEST, SCARFACE, UGK AND TRAVIS SCOTT. HE HAS SPENT MORE THAN 25 YEARS IN THE MUSIC INDUSTRY BUILDING HIS SOUND AS A MASTER KEYBOARDIST, BEATMAKER, AND SYNTH WIZARD. HE ALSO FOUNDED AND RUNS LA-BASED INDEPENDENT RECORD LABEL M.W.A. RECORDS.

Synthesize Love

mog

SNARE

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

ARP/SEQ
GATE OUT
KB OUT KB VEL OUT
RATE
ARP SEQ REC MODE
DRDR FWD / BKWD RNDM DIRECTION
OCT / SEQ 1 2 3

MODULATION
RATE IN
SYNCH IN S/H OUT
RATE
PITCH AMT
CUTOFF AMT
PULSE WIDTH AMT
WAVEFORM

OSCILLATORS
1
WAVE OUT
PITCH IN PWM IN
OCTAVE
32' 16' 8' 4'
2
WAVE OUT
PITCH IN LIN FM IN
OCTAVE
16' 8' 4' 2'
FREQUENCY
SYNC
WAVEFORM
WAVEFORM

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

UTILITIES
MULT
HIGH PASS
INPUT OUTPUT
ATTENUATOR
INPUT OUTPUT

FILTER
INPUT OUTPUT
ENV AMT IN CUTOFF IN
200Hz 20kHz
CUTOFF
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

FILTER RESONANCE PLUCK

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

MIXER

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

UTILITIES

- MULT
- HIGH PASS
- INPUT
- OUTPUT
- ATTENUATOR
- INPUT
- OUTPUT

FILTER

- INPUT
- OUTPUT
- ENV AMT IN
- CUTOFF IN
- 200Hz
- 2kHz
- 20Hz
- 20kHz
- CUTOFF
- 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

909 KICK

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

The control panel is organized into the following sections:

- ARP/SEQ:** Includes switches for GATE OUT, KB OUT, and KB VEL OUT; a RATE knob; and a MODE selector with options for ARP, SEQ, and REC. It also features a DIRECTION selector (ORDR, FWD, BKWD, RNDM) and an OCT/SEQ selector (1, 2, 3).
- MODULATION:** Includes switches for RATE IN, SYNC IN, and S/R OUT; a WAVE OUT switch; and knobs for RATE, PITCH AMT, CUTOFF AMT, PULSE WIDTH AMT, and WAVEFORM.
- OSCILLATORS:** Divided into two channels. Channel 1 includes switches for WAVE OUT, PITCH IN, and PWM IN; a 32' knob; and an OCTAVE knob. Channel 2 includes switches for WAVE OUT, PITCH IN, and LIN FM IN; an 8' knob; and an OCTAVE knob. Both channels have a FREQ knob and a WAVEFORM selector.
- MIXER:** Includes switches for OSC 1 IN, OSC 2 IN, NOISE IN, and OUTPUT; and knobs for OSCILLATOR 1, OSCILLATOR 2, and NOISE.
- UTILITIES:** Includes a MULT switch; a HIGH PASS knob; an ATTENUATOR knob; and switches for INPUT and OUTPUT.
- FILTER:** Includes switches for INPUT and OUTPUT; knobs for ENV AMT IN, CUTOFF IN, and CUTOFF; and a KBD TRACK selector (1-2, OFF, 1-1). It also features an ENVELOPE AMT knob and a RESONANCE knob.
- ENVELOPE:** Includes a TRIGGER IN switch; knobs for ATTACK, DECAY, and RELEASE; a SUSTAIN slider; and an ENV OUT switch.
- OUTPUT:** Includes switches for VCA AMT IN, VCA IN, and REVERB IN; a VOLUME knob; and a VCA MODE selector (ENV, KB, RLS, DRONE).
- SPRING REVERB:** Includes a MIX knob.

Green lines on the panel indicate specific settings: the RATE knob in ARP/SEQ is set to approximately 10; the RATE knob in MODULATION is set to approximately 10; the 32' knob in OSCILLATORS 1 is set to 32; the OCTAVE knob in OSCILLATORS 1 is set to 8; the OSCILLATOR 1 knob in MIXER is set to approximately 50; the OSCILLATOR 2 knob in MIXER is set to approximately 50; the NOISE knob in MIXER is set to approximately 50; the HIGH PASS knob in UTILITIES is set to approximately 50; the ATTENUATOR knob in UTILITIES is set to approximately 50; the CUTOFF knob in FILTER is set to approximately 1000Hz; the ENVELOPE AMT knob in FILTER is set to approximately 50; the RESONANCE knob in FILTER is set to approximately 50; the ATTACK knob in ENVELOPE is set to approximately 50; the DECAY knob in ENVELOPE is set to approximately 50; the RELEASE knob in ENVELOPE is set to approximately 50; the VOLUME knob in OUTPUT is set to approximately 50; and the MIX knob in SPRING REVERB is set to approximately 50.

FEEDBACK OVERLOAD[R]D

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
- PITCH IN
- PWM IN
- OCTAVE
- 32' 16' 8' 4'
- 2
- WAVE OUT
- PITCH IN
- LIN FM IN
- OCTAVE
- 16' 8' 4' 2'
- FREQUENCY
- 0
- +
-
- SYNC
- 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

- INPUT
- OUTPUT
- ENV AMT IN
- CUTOFF IN
- 200Hz
- 2kHz
- 20Hz
- 20kHz
- CUTOFF
- 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

LEAD SYNTH

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/A OUT
- RATE
- PITCH AMT
- CUTOFF AMT
- PULSE WIDTH AMT
- WAVEFORM

OSCILLATORS

- 1
- WAVE OUT
- PITCH IN
- PWM IN
- OCTAVE
- 32' 16' 8' 4'
- 2
- WAVE OUT
- PITCH IN
- LIN FM IN
- OCTAVE
- 16' 8' 4' 2'
- FREQUENCY
- 0
- +
-
- SYNC
- WAVEFORM
- WAVEFORM

MIXER

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

UTILITIES

- MULT
- HIGH PASS
- INPUT
- OUTPUT
- ATTENUATOR
- INPUT
- OUTPUT

FILTER

- INPUT
- OUTPUT
- ENV AMT IN
- CUTOFF IN
- 200Hz
- 2kHz
- 20Hz
- 20kHz
- CUTOFF
- 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

WINDY FLUTE

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

The image displays 12 control panels for the 'WINDY FLUTE' patch, each containing various knobs, switches, and patch locations with green indicators.

- ARP/SEQ**: Includes GATE OUT, KB OUT, KB VELO OUT, RATE knob, ARP SEQ MODE switch, ORDR FWD / BKWD / RNDM DIRECTION switch, and OCT / SEQ knob.
- MODULATION**: Includes RATE IN, SYNC IN, S/H OUT, WAVE OUT, RATE knob, PITCH AMT knob, CUTOFF AMT knob, PULSE WIDTH AMT knob, and WAVEFORM knob.
- OSCILLATORS**: Divided into two sections (1 and 2). Section 1 includes WAVE OUT, PITCH IN, PWM IN, OCTAVE knob (32, 16, 8, 4), SYNC switch, and WAVEFORM knob. Section 2 includes WAVE OUT, PITCH IN, LIN FM IN, OCTAVE knob (16, 8, 4, 2), FREQUENCY knob, and WAVEFORM knob.
- MIXER**: Includes OSC 1 IN, OSC 2 IN, NOISE IN, OUTPUT, OSCILLATOR 1 knob, OSCILLATOR 2 knob, and NOISE knob.
- UTILITIES**: Includes MULT switch, HIGH PASS knob, INPUT and OUTPUT switches, ATTENUATOR knob, and INPUT and OUTPUT switches.
- FILTER**: Includes INPUT, ENV AMT IN, CUTOFF IN, OUTPUT, CUTOFF knob (200Hz to 20kHz), KBD TRACK switch (1:2 OFF 1:1), ENVELOPE AMT knob, and RESONANCE knob.
- ENVELOPE**: Includes TRIGGER IN, +ENV OUT, -ENV OUT, ATTACK knob, DECAY knob, SUSTAIN switch, and RELEASE knob.
- OUTPUT**: Includes VCA AMT IN, VCA IN, REVERB IN, VOLUME knob, ENV KB RLS DRONE VCA MODE switch, and SPRING REVERB knob.
- SPRING REVERB**: Includes MIX knob.

VISIT US AT

WWW.MOOGMUSIC.COM

FOR MORE SONIC EXPLORATIONS