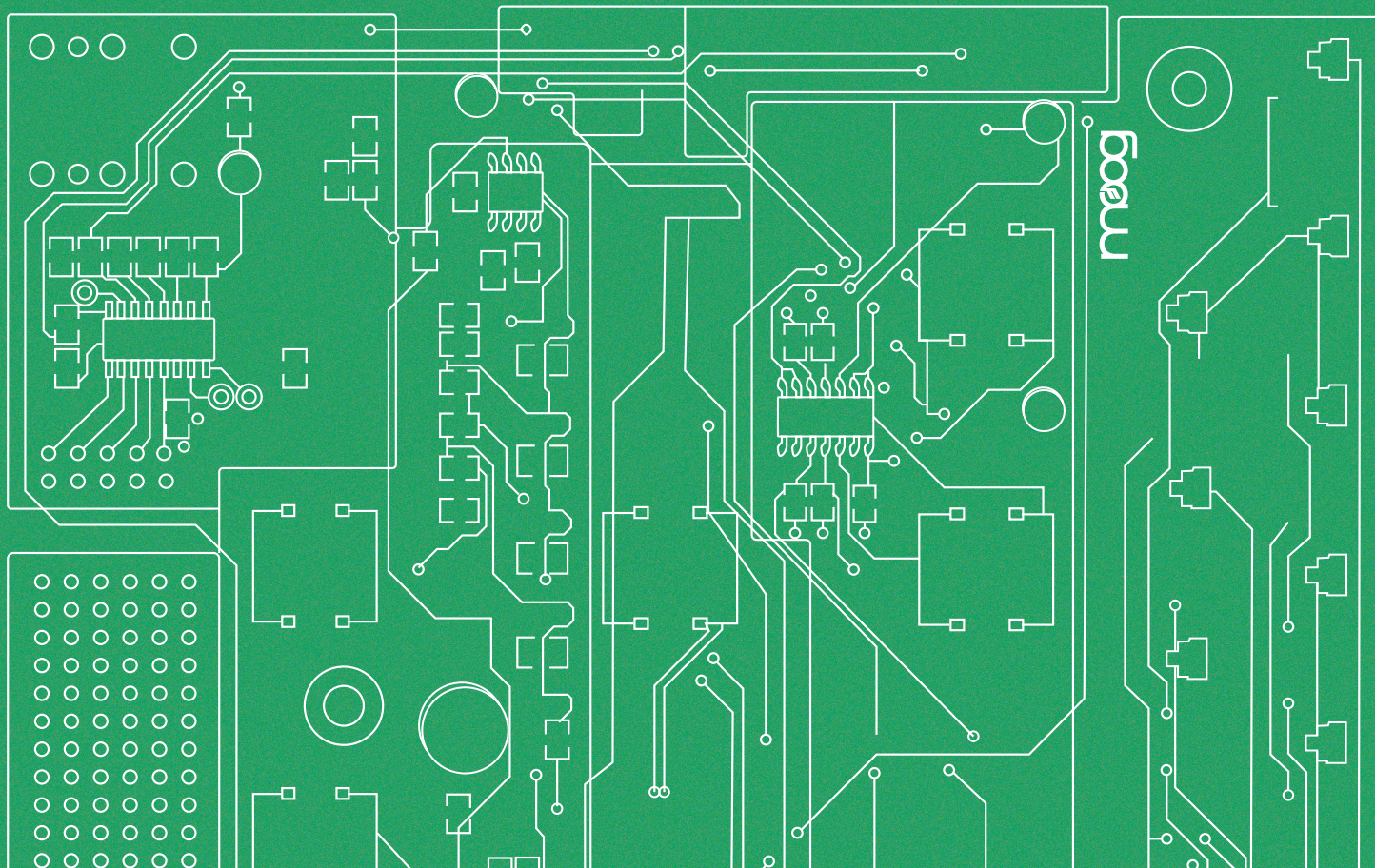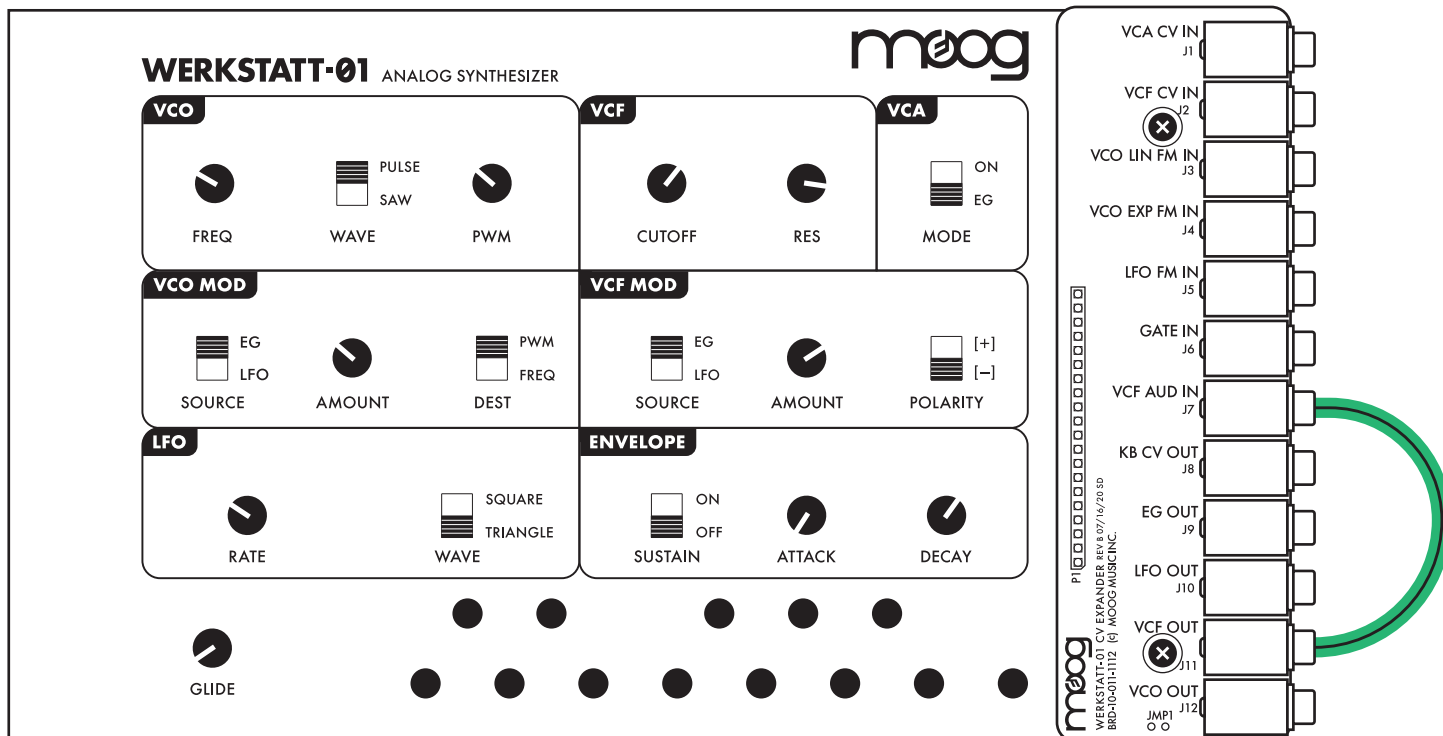# WERKSTATT·01

Exploration Patchbook

moog

LIFTOFF BASS

MATCH ALL KNOBS, SWITCHES, AND PATCH LOCATIONS TO THE GRAPHIC BELOW

WERKSTATT-01 ANALOG SYNTHESIZER

moog

VCO

PULSE
SAW

FREQ · WAVE · PWM

VCF

CUTOFF · RES

VCA

ON
EG

MODE

VCO MOD

EG
LFO

PWM
FREQ

SOURCE · AMOUNT · DEST

VCF MOD

EG
LFO

[+]
[−]

SOURCE · AMOUNT · POLARITY

LFO

SQUARE
TRIANGLE

RATE · WAVE

ENVELOPE

ON
OFF

SUSTAIN · ATTACK · DECAY

GLIDE

VCA CV IN J1
VCF CV IN J2
VCO LIN FM IN J3
VCO EXP FM IN J4
LFO FM IN J5
GATE IN J6
VCF AUD IN J7
KB CV OUT J8
EG OUT J9
LFO OUT J10
VCF OUT J11
VCO OUT J12
JMP1

P1
WERKSTATT-01 CV EXPANDER REV B 07/16/20 SD
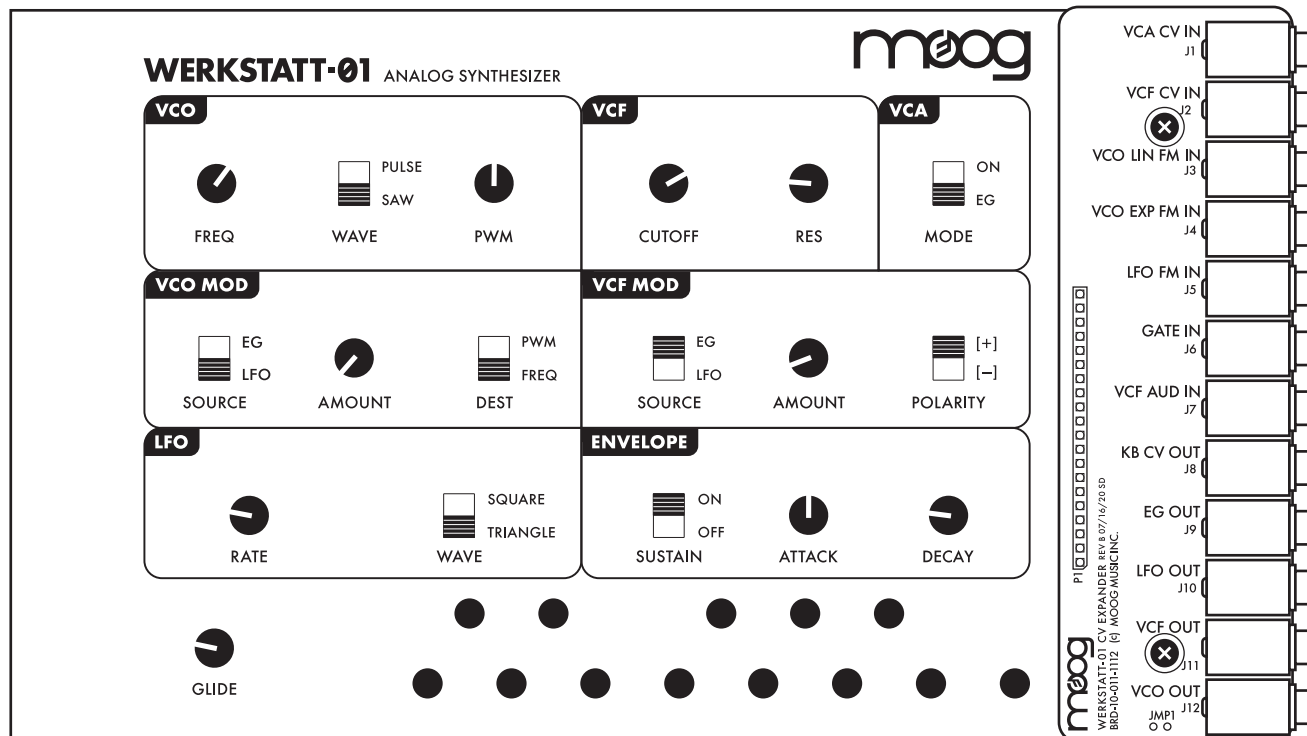BRD-10-011-1112 (c) MOOG MUSIC INC.

NOTES:

Use the **VCO FREQ** knob to tune the keyboard down low to play in a bass register.

Lower the **VCF RES** knob for a more buzzy timbre.
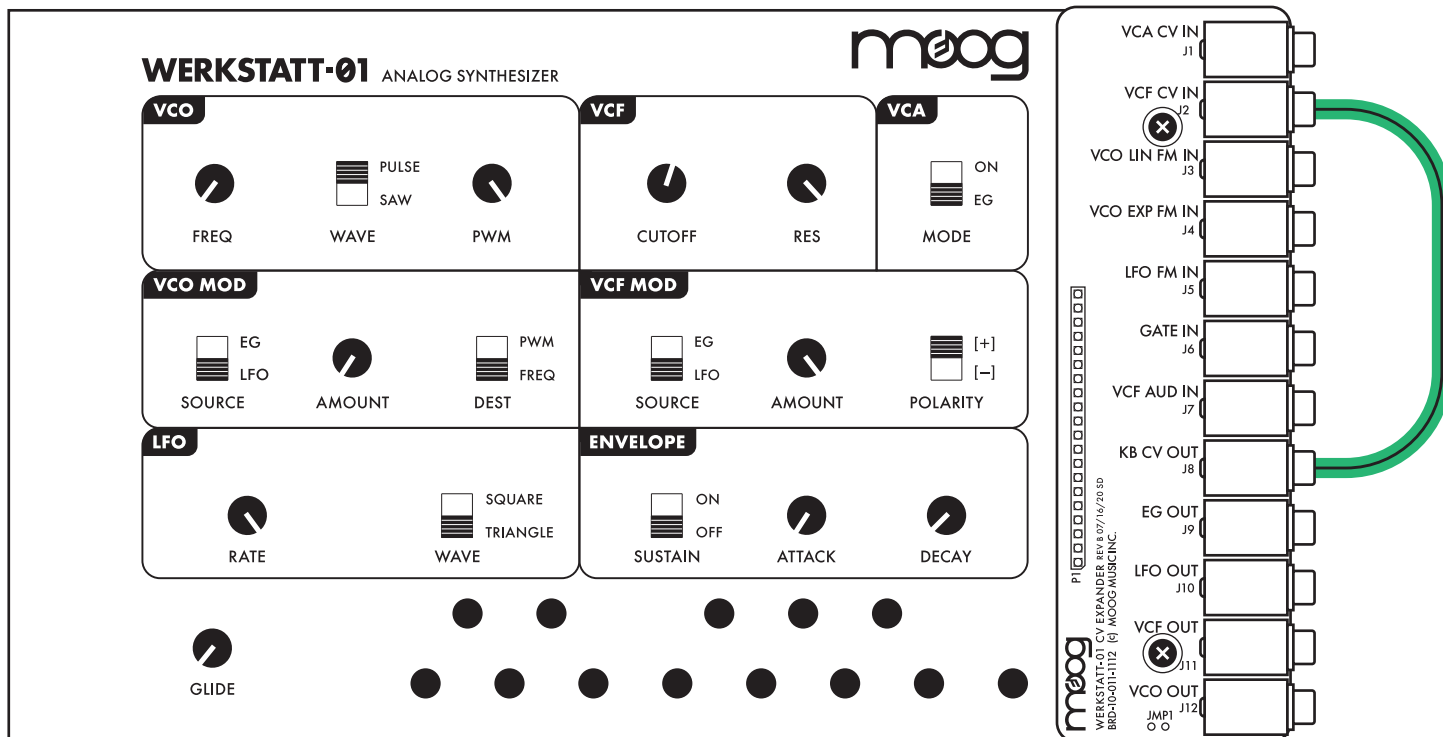
WEST COAST LEAD

MATCH ALL KNOBS, SWITCHES, AND PATCH LOCATIONS TO THE GRAPHIC BELOW

NOTES:

Use the **VCO FREQ** knob to tune the keyboard higher to play in a lead register.

ANALOG HI-HAT

MATCH ALL KNOBS, SWITCHES, AND PATCH LOCATIONS TO THE GRAPHIC BELOW

NOTES:

The VCF is the sound source in this patch.

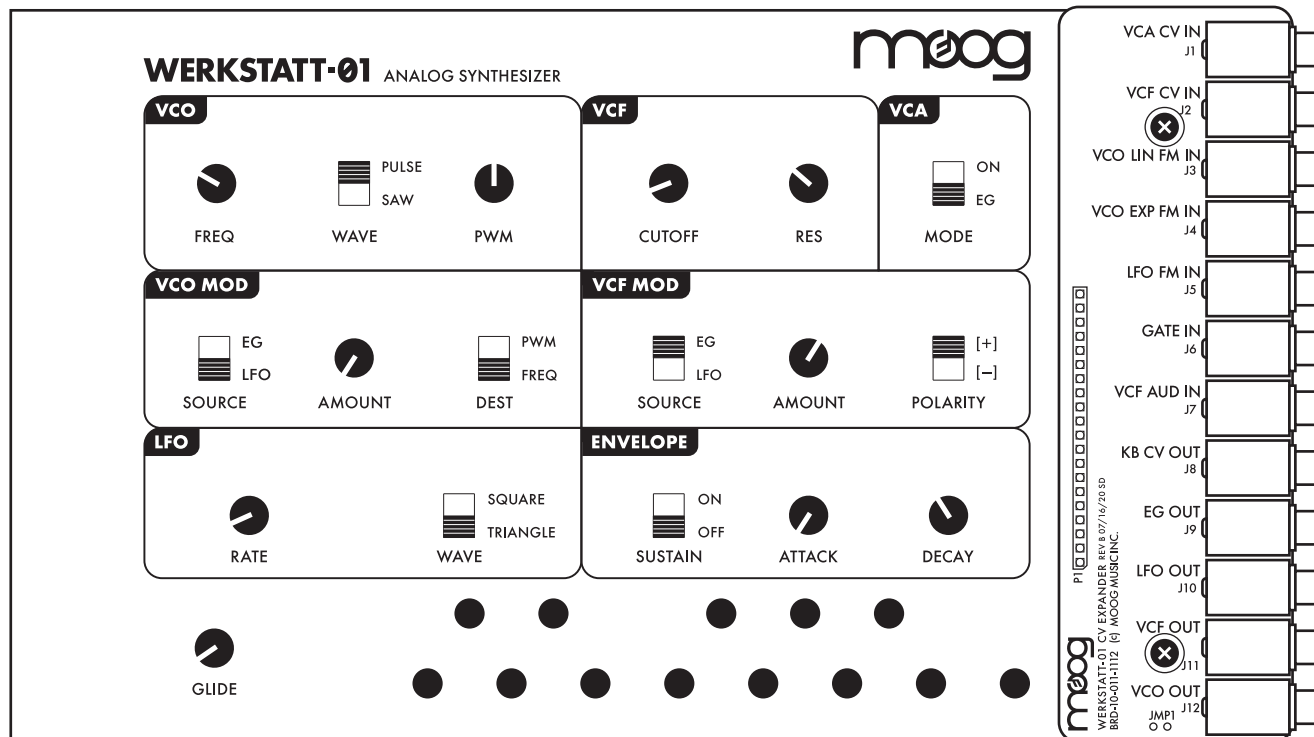Adjust the **ENVELOPE DECAY** knob to go from closed to open hi-hat.

Adjust the relationship between **LFO RATE** and **VCF CUTOFF** knobs to alter the timbre of your hi-hat.

Turn the **VCF MOD AMOUNT** all the way down to turn your hi-hat into a clave.

ACID SQUARE

MATCH ALL KNOBS, SWITCHES, AND PATCH LOCATIONS TO THE GRAPHIC BELOW
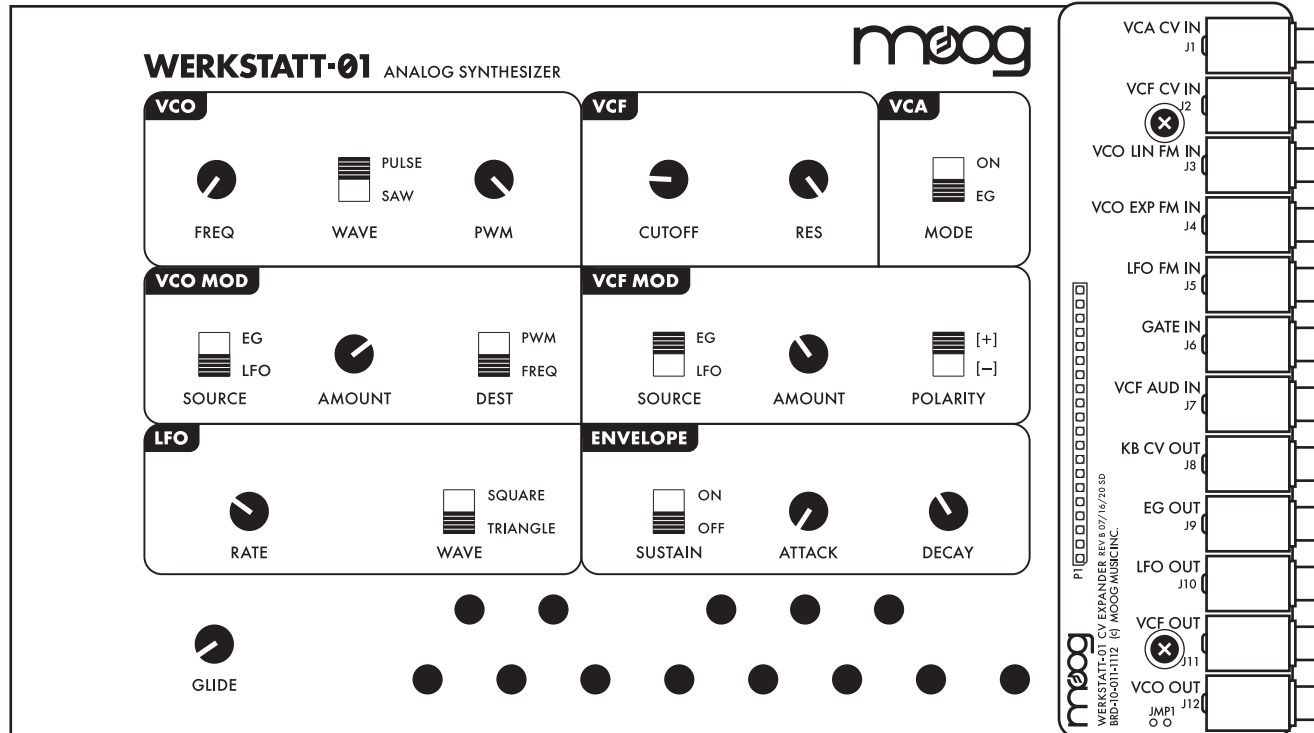

WERKSTATT·01 ANALOG SYNTHESIZER

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VCO
FREQ   WAVE (PULSE / SAW)   PWM

VCF
CUTOFF   RES

VCA
MODE (ON / EG)

VCO MOD
SOURCE (EG / LFO)   AMOUNT   DEST (PWM / FREQ)

VCF MOD
SOURCE (EG / LFO)   AMOUNT   POLARITY ([+] / [−])

LFO
RATE   WAVE (SQUARE / TRIANGLE)

ENVELOPE
SUSTAIN (ON / OFF)   ATTACK   DECAY

GLIDE

VCA CV IN J1
VCF CV IN J2
VCO LIN FM IN J3
VCO EXP FM IN J4
LFO FM IN J5
GATE IN J6
VCF AUD IN J7
KB CV OUT J8
EG OUT J9
LFO OUT J10
VCF OUT J11
VCO OUT J12

P1

WERKSTATT-01 CV EXPANDER REV B 07/16/20 SD
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JMP1

NOTES:

Use the **VCO FREQ** knob to tune the keyboard down low to play in a bass register.

4

DISCO TOM

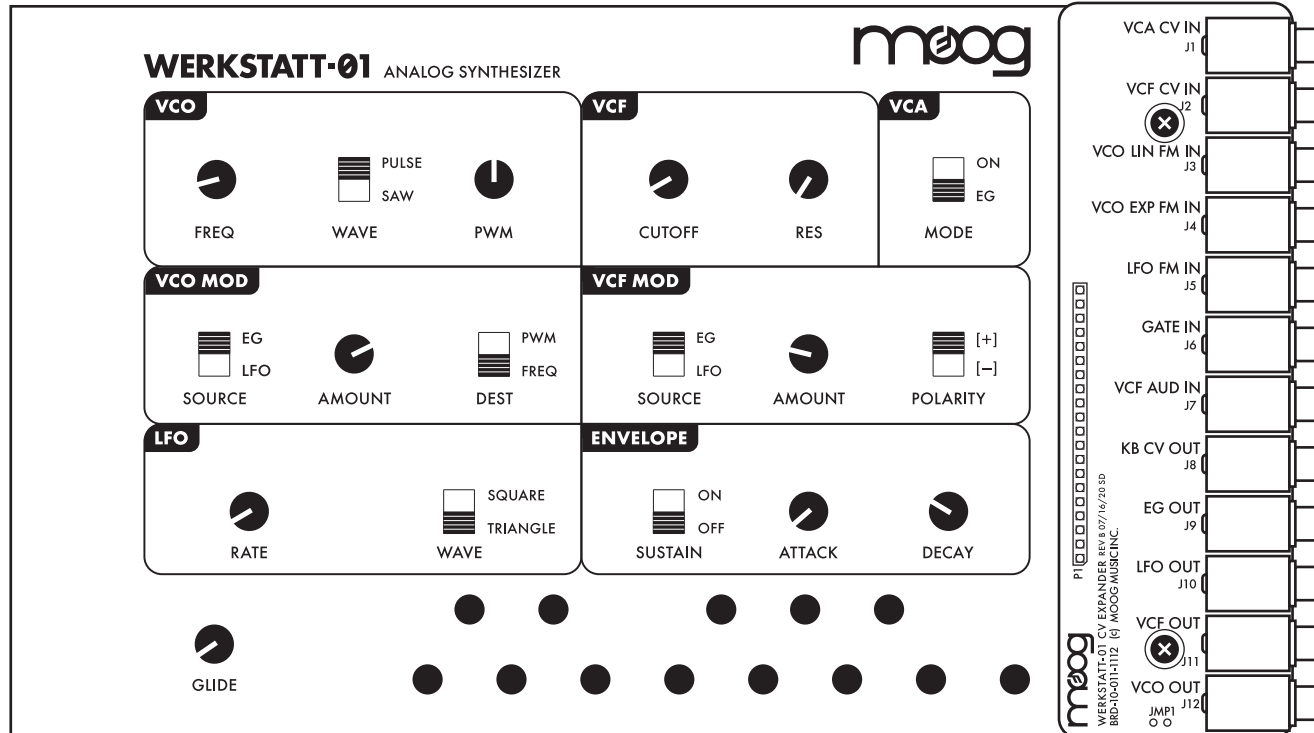MATCH ALL KNOBS, SWITCHES, AND PATCH LOCATIONS TO THE GRAPHIC BELOW

NOTES:

The VCF is the sound source in this patch, so the **VCF CUTOFF** knob should be used for tuning.

DEEP KICK

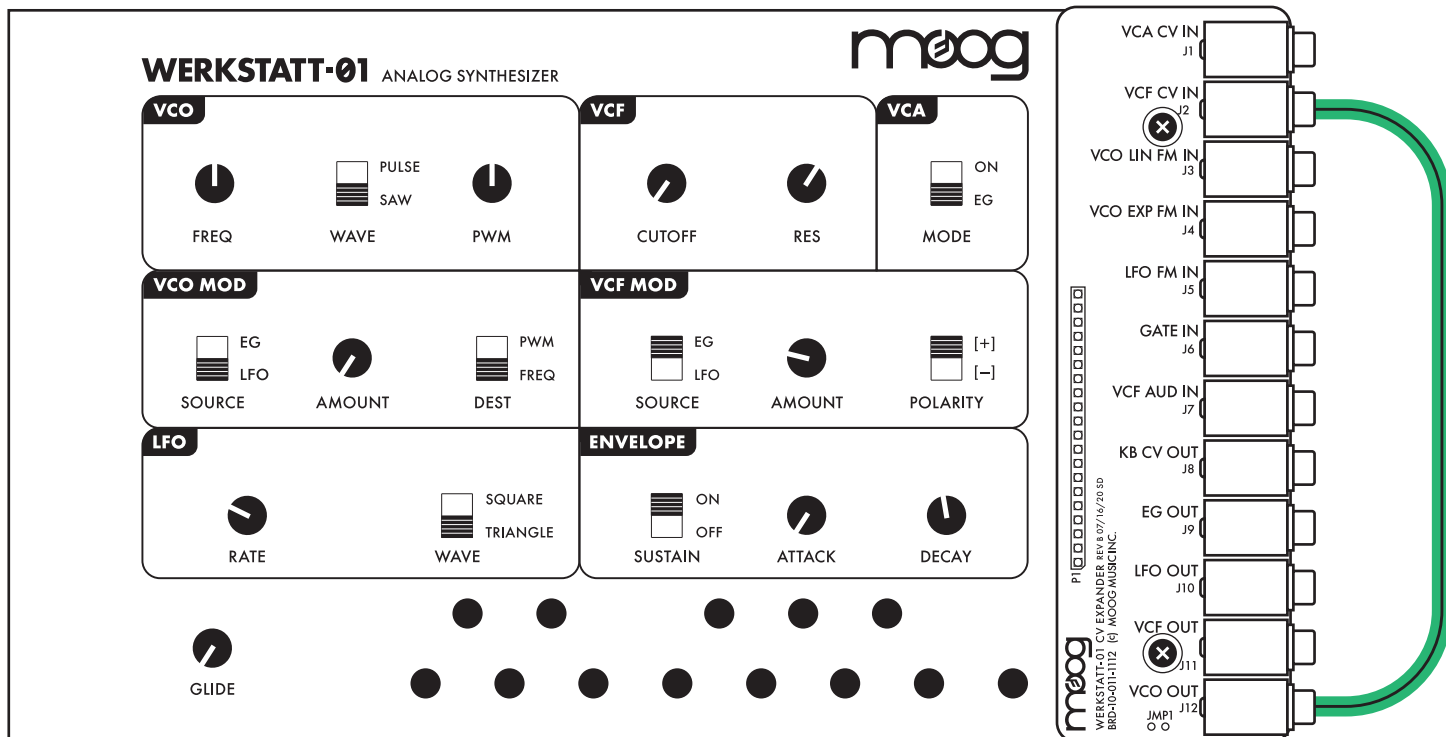MATCH ALL KNOBS, SWITCHES, AND PATCH LOCATIONS TO THE GRAPHIC BELOW

WERKSTATT·01 ANALOG SYNTHESIZER

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VCO

FREQ

PULSE
SAW
WAVE

PWM

VCF

CUTOFF

RES

VCA

ON
EG
MODE

VCO MOD

EG
LFO
SOURCE

AMOUNT

PWM
FREQ
DEST

VCF MOD

EG
LFO
SOURCE

AMOUNT

[+]
[−]
POLARITY

LFO

RATE

SQUARE
TRIANGLE
WAVE

ENVELOPE

ON
OFF
SUSTAIN

ATTACK

DECAY

GLIDE

VCA CV IN
J1

VCF CV IN
J2

VCO LIN FM IN
J3

VCO EXP FM IN
J4

LFO FM IN
J5

GATE IN
J6

VCF AUD IN
J7

KB CV OUT
J8

EG OUT
J9

LFO OUT
J10

VCF OUT
J11

VCO OUT
J12

JMP1

P1

WERKSTATT-01 CV EXPANDER REV B 07/16/20 SD
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NOTES:

Use the **VCO FREQ** knob to tune the keyboard down low to play in a bass register.

6

FAUX FOLDER

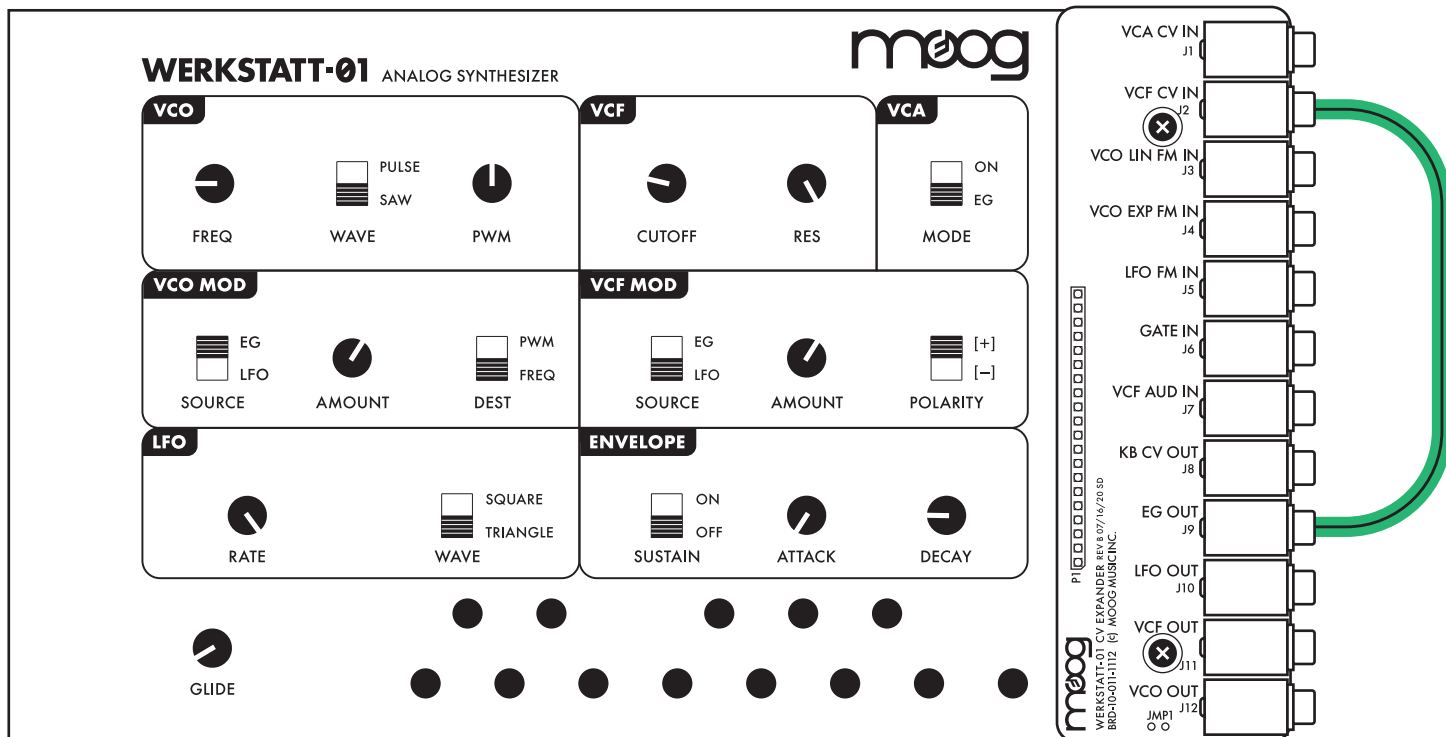MATCH ALL KNOBS, SWITCHES, AND PATCH LOCATIONS TO THE GRAPHIC BELOW

NOTES:

Adjust the **VCF MOD AMOUNT** knob to increase the level of "folding."

Turn up the **VCO MOD AMOUNT** knob to add vibrato.

LASER ZAP

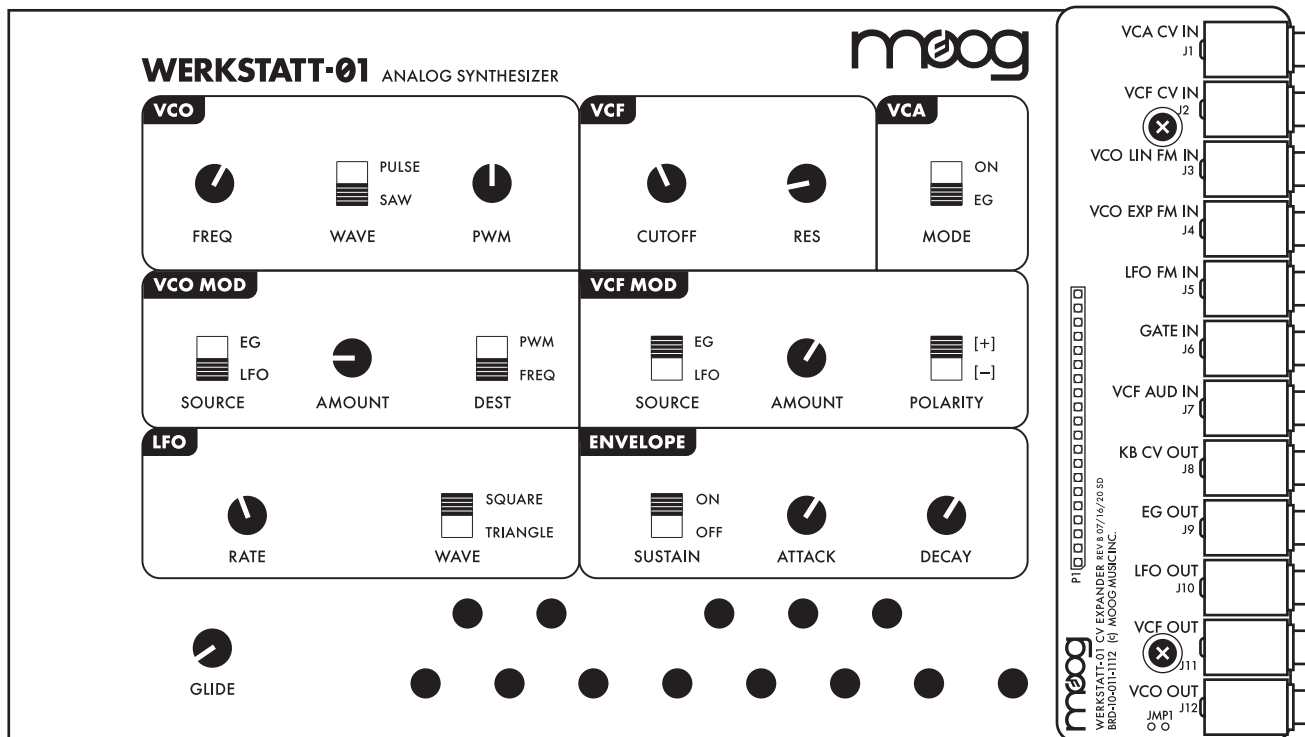MATCH ALL KNOBS, SWITCHES, AND PATCH LOCATIONS TO THE GRAPHIC BELOW

NOTES:

Adjust the **ENVELOPE DECAY** knob to go from laser pistol to laser cannon!

PICK UP THE PHONE

MATCH ALL KNOBS, SWITCHES, AND PATCH LOCATIONS TO THE GRAPHIC BELOW
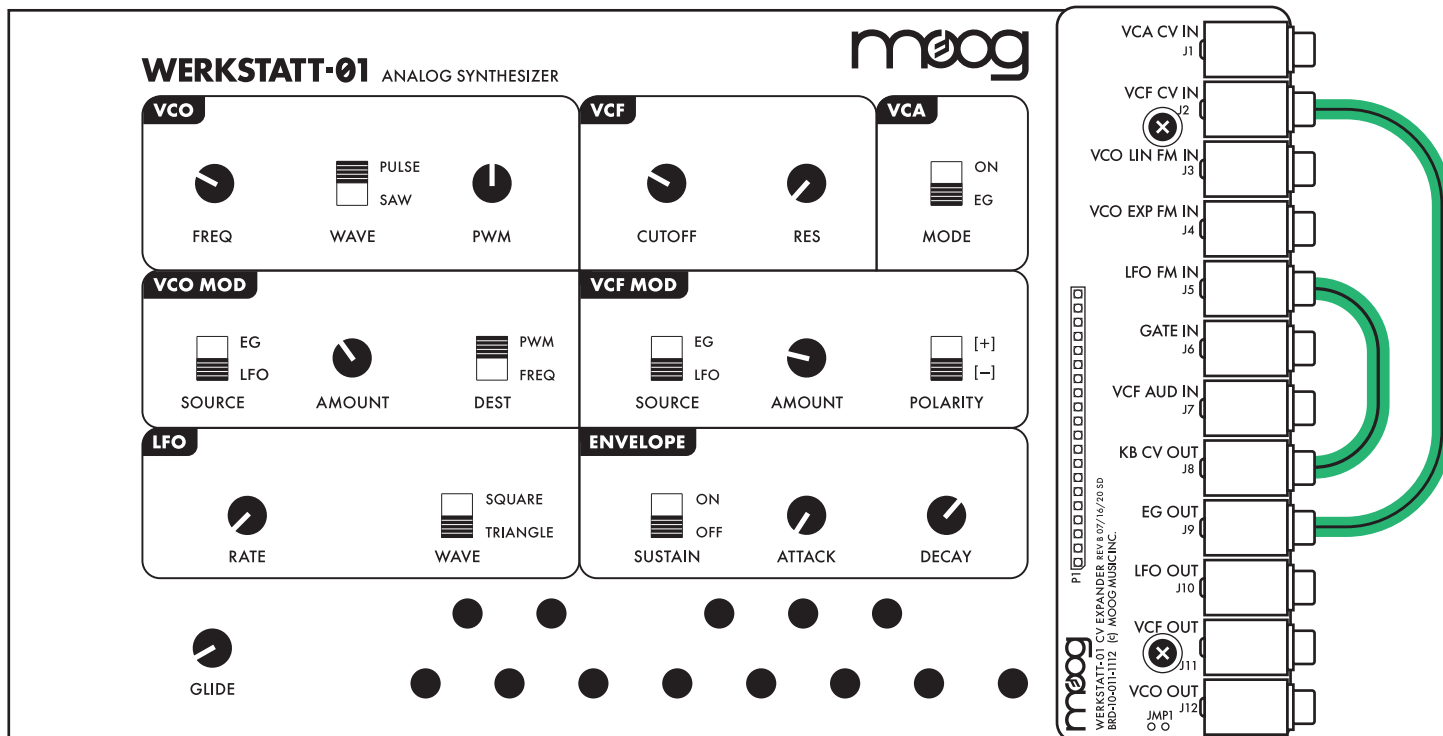

NOTES:

Adjust **VCO MOD AMOUNT** to control the depth of "ringing."

UNSTEADY BASS

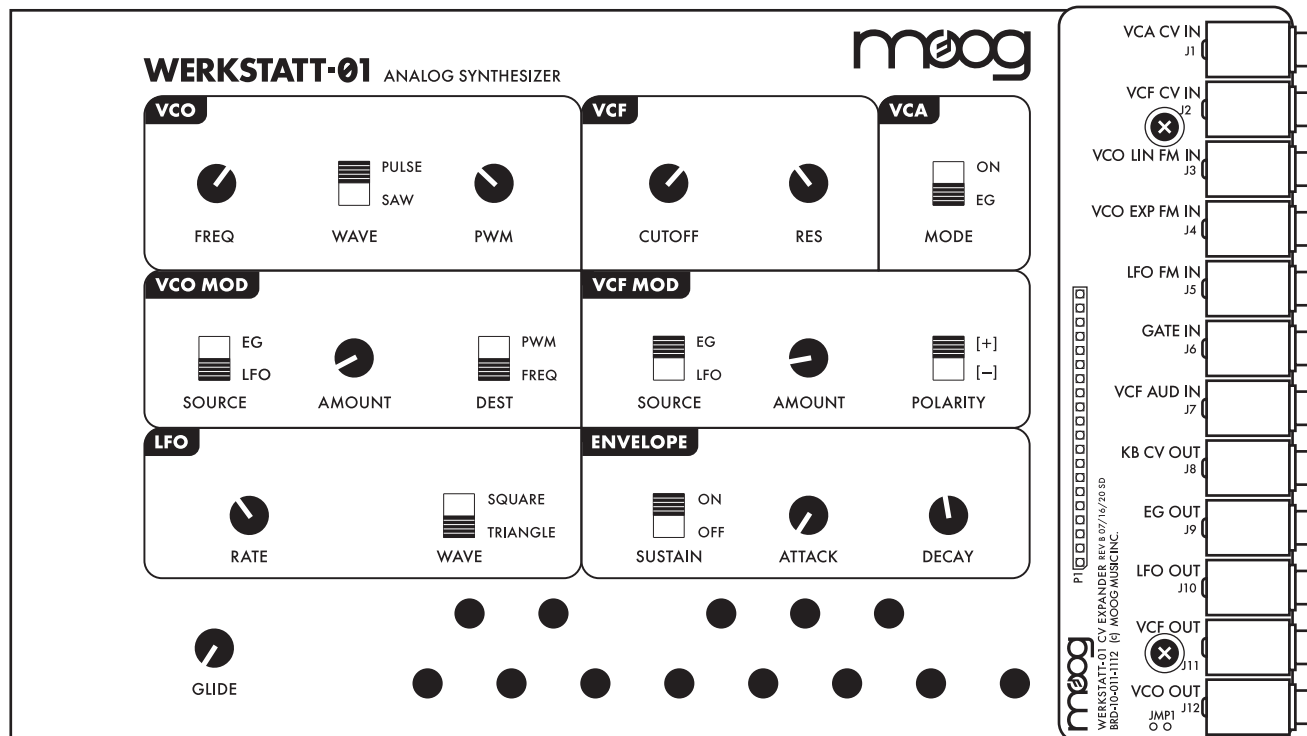MATCH ALL KNOBS, SWITCHES, AND PATCH LOCATIONS TO THE GRAPHIC BELOW

NOTES:

Use the **VCO FREQ** knob to tune the keyboard down low to play in a bass register.

Try turning up the **VCF MOD AMOUNT** for a more dramatic wobble.

VIBRATO LEAD

MATCH ALL KNOBS, SWITCHES, AND PATCH LOCATIONS TO THE GRAPHIC BELOW
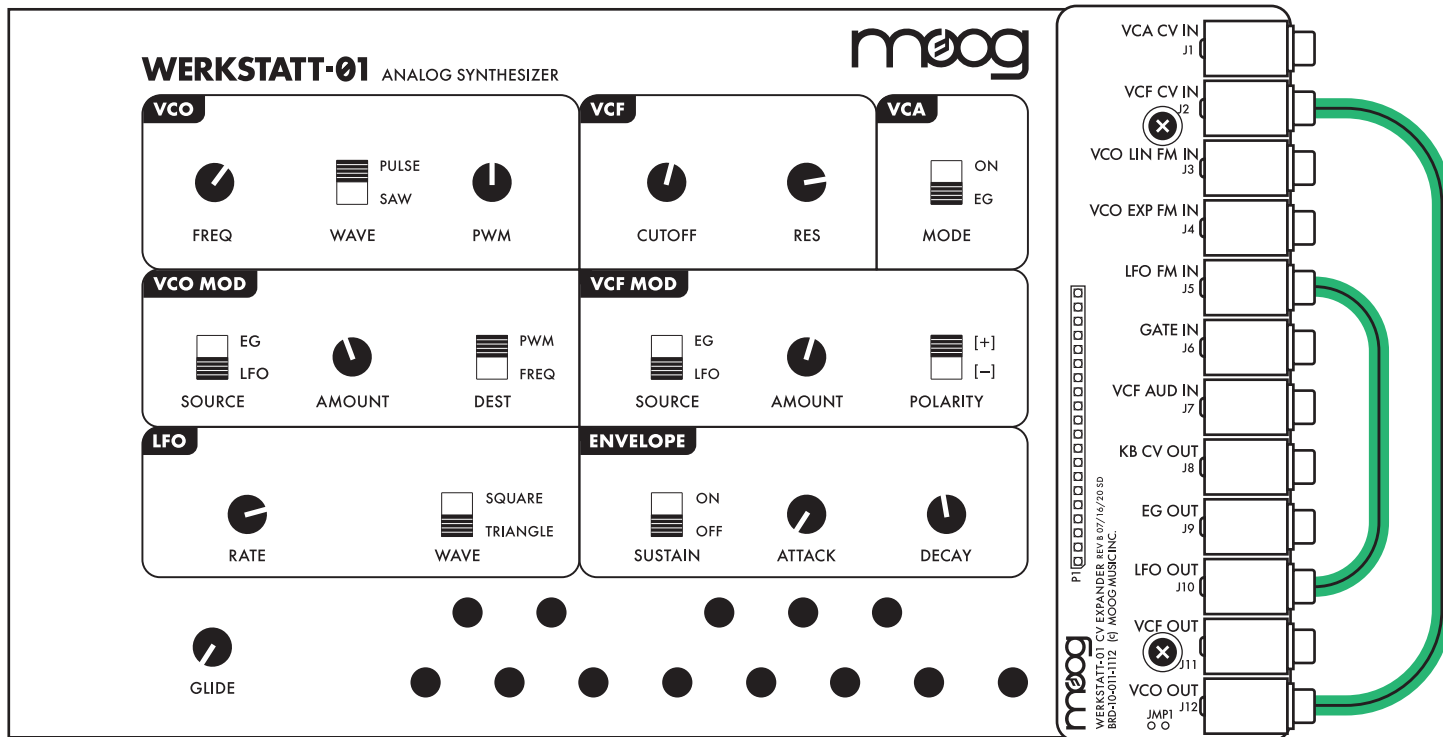

NOTES:

Use the **VCO FREQ** knob to tune the keyboard higher to play in a lead register.

Adjust **VCO MOD AMOUNT** knob to taste for vibrato depth.

WHO NEEDS A DISTORTION PEDAL ANYWAYS?

MATCH ALL KNOBS, SWITCHES, AND PATCH LOCATIONS TO THE GRAPHIC BELOW

WERKSTATT-01 ANALOG SYNTHESIZER

moog

VCO

FREQ WAVE PWM

PULSE
SAW

VCF

CUTOFF RES

VCA

MODE

ON
EG

VCO MOD

SOURCE AMOUNT DEST

EG
LFO

PWM
FREQ

VCF MOD

SOURCE AMOUNT POLARITY

EG
LFO

[+]
[−]

LFO

RATE WAVE

SQUARE
TRIANGLE

ENVELOPE

SUSTAIN ATTACK DECAY

ON
OFF

GLIDE

VCA CV IN
J1

VCF CV IN
J2

VCO LIN FM IN
J3

VCO EXP FM IN
J4

LFO FM IN
J5

GATE IN
J6

VCF AUD IN
J7

KB CV OUT
J8

EG OUT
J9

LFO OUT
J10

VCF OUT
J11

VCO OUT
J12

JMP1

P1

WERKSTATT-01 CV EXPANDER REV 8 07/16/20 SD
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NOTES:

Adjust the **VCO MOD AMOUNT** and **VCF MOD AMOUNT** to alter the timbre of distortion.

Your Werkstatt-01 is an instrument of exploration and can be expanded to satisfy your wildest creative visions. To discover more ways to get the most out of your Werkstatt-01 visit:

MOOGMUSIC.COM/WERKSTATT

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