MIDI
A/B Switch

Potentiometers

Teensy Update
button

AUX & Function Keys

Pattern Keys 1-8

Encoder

Micro USB

AUX

CV GATE
CV PITCH
MIDI OUT

OLED SCREEN

F1 F2

P1 P2 P3

P4 P5

P6 P7 P8

PRESS

AUX when switching
modes to save patterns

Sequence Step Keys 1-16

AUX + F1 — **RESET**

AUX + F2 — **<< REV**

AUX + F2 — **FWD >>**

MIDI

OCT	CH	CC	NOTE
-1	2	25	73

SQ1   SQ2

PTN	TRSP	SWNG	BPM
3	5	15	110

SOLO	LEN	RATE	CV
1	3	1/16	On

OM

OCT	CH	CC	NOTE
2	6	22	45

MODE SCREENS

AUX   CV GATE   CV PITCH   MIDI OUT

F1   F2   P1   P2   P3   P4   P5   P6   P7   P8

PATTERN SCREENS

SQ1 / SQ2 NOTE SCREENS

PRESS

**AUX when switching
modes to save patterns**

1-8 ·····

PTN	LEN	ROT	CHAN
1	16	0	1

····· 1-16

1-16   -15 to +15

1-8 ·····

START	END	FREQ	PROB
1	5	12	50

····· 0-100

0-15   0-15

W, 1/2, 1/4, 1/8, 1/16, 1/32, 1/64 ·····

RATE	SOLO	---	---
1/32	0	0	0

····· ---

0 or 1   ---

0-127 ·····

NOTE	OCT	VEL	LEN
1	5	0	1

····· 1-16

-1 to 8   0-127

--, 1, >>, <<, <>, #?, ?

TYPE	PROB	COND	---
?	100	1:1	---

····· ---

0-100   1:1, 1:2, 2:2....7:8, 8:8

0-127 ·····

L-1	L-2	L-3	L-4
---	27	120	---

NB

All values input by encoder except L-1 to L-4
which come from the pots, in this case the encoder
will reset plocks to zero if turned.

MIDI

OCT	CH	CC	NOTE

SQ1

PTN	TRSP	SWNG	BPM

SOLO	LEN	RATE	CV

SQ2

PTN	TRSP	SWNG	BPM

SOLO	LEN	RATE	CV

OM

OCT	CH	CC	NOTE

MODE SCREENS

AUX   CV GATE   CV PITCH   MIDI OUT

F1   F2   P1   P2   P3   P4   P5   P6   P7   P8

PRESS

AUX when switching
modes to save patterns

PATTERN SCREENS

SQ1 / SQ2 NOTE SCREENS

1-8 ----

PTN	LEN	ROT	CHAN

---- 1-16

1-16 ---- -15 to +15

0-127 ----

NOTE	OCT	VEL	LEN

---- 1-16

-1 to 8 ---- 0-127

1-8 ----

START	END	FREQ	PROB

---- 0-100

--, 1, >>, <<,<>,#?, ? ----

TYPE	PROB	COND	---

---- ▬

0-15 ---- 0-15

0-100 ---- 1:1, 1:2, 2:2....7:8, 8:8

W, 1/2, 1/4, 1/8, 1/16, 1/32, 1/64 ----

RATE	SOLO	---	---

---- ▬

0-127 ----

L-1	L-2	L-3	L-4

0 or1 ---- ---

PTN	LEN	ROT	CHAN		PTN	LEN	ROT	CHAN		PTN	LEN	ROT	CHAN		PTN	LEN	ROT	CHAN		PTN	LEN	ROT	CHAN		PTN	LEN	ROT	CHAN		PTN	LEN	ROT	CHAN		PTN	LEN	ROT	CHAN

| START | END | FREQ | PROB | START | END | FREQ | PROB | START | END | FREQ | PROB | START | END | FREQ | PROB | START | END | FREQ | PROB | START | END | FREQ | PROB | START | END | FREQ | PROB | START | END | FREQ | PROB |

| RATE | SOLO | --- | --- | RATE | SOLO | --- | --- | RATE | SOLO | --- | --- | RATE | SOLO | --- | --- | RATE | SOLO | --- | --- | RATE | SOLO | --- | --- | RATE | SOLO | --- | --- | RATE | SOLO | --- | --- |

| NOTE | OCT | VEL | LEN | NOTE | OCT | VEL | LEN | NOTE | OCT | VEL | LEN | NOTE | OCT | VEL | LEN | NOTE | OCT | VEL | LEN | NOTE | OCT | VEL | LEN | NOTE | OCT | VEL | LEN | NOTE | OCT | VEL | LEN |

| TYPE | PROB | COND | --- | TYPE | PROB | COND | --- | TYPE | PROB | COND | --- | TYPE | PROB | COND | --- | TYPE | PROB | COND | --- | TYPE | PROB | COND | --- | TYPE | PROB | COND | --- | TYPE | PROB | COND | --- |

| L-1 | L-2 | L-3 | L-4 | L-1 | L-2 | L-3 | L-4 | L-1 | L-2 | L-3 | L-4 | L-1 | L-2 | L-3 | L-4 | L-1 | L-2 | L-3 | L-4 | L-1 | L-2 | L-3 | L-4 | L-1 | L-2 | L-3 | L-4 | L-1 | L-2 | L-3 | L-4 |

| NOTE | OCT | VEL | LEN | NOTE | OCT | VEL | LEN | NOTE | OCT | VEL | LEN | NOTE | OCT | VEL | LEN | NOTE | OCT | VEL | LEN | NOTE | OCT | VEL | LEN | NOTE | OCT | VEL | LEN | NOTE | OCT | VEL | LEN |

| TYPE | PROB | COND | --- | TYPE | PROB | COND | --- | TYPE | PROB | COND | --- | TYPE | PROB | COND | --- | TYPE | PROB | COND | --- | TYPE | PROB | COND | --- | TYPE | PROB | COND | --- | TYPE | PROB | COND | --- |

| L-1 | L-2 | L-3 | L-4 | L-1 | L-2 | L-3 | L-4 | L-1 | L-2 | L-3 | L-4 | L-1 | L-2 | L-3 | L-4 | L-1 | L-2 | L-3 | L-4 | L-1 | L-2 | L-3 | L-4 | L-1 | L-2 | L-3 | L-4 | L-1 | L-2 | L-3 | L-4 |

AS OF PRESENT BUILD: OMX-27-1.3.0b8.hex