monome row and column references for 64, 128 and 256 grids and common Serialosc messaging

	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16
1	0, 0	1, 0	2, 0	3, 0	4, 0	5, 0	6, 0	7, 0	8, 0	9, 0	10, 0	11, 0	12, 0	13, 0	14, 0	15, 0
2	0, 1	1, 1	2, 1	3, 1	4, 1	5, 1	6, 1	7, 1	8, 1	9, 1	10, 1	11, 1	12, 1	13, 1	14, 1	15, 1
3	0, 2	1, 2	2, 2	3, 2	4, 2	5, 2	6, 2	7, 2	8, 2	9, 2	10, 2	11, 2	12, 2	13, 2	14, 2	15, 2
4	0, 3	1, 3	2, 3	3, 3	4, 3	5, 3	6, 3	7, 3	8, 3	9, 3	10, 3	11, 3	12, 3	13, 3	14, 3	15, 3
5	0, 4	1, 4	2, 4	3, 4	4, 4	5, 4	6, 4	7, 4	8, 4	9, 4	10, 4	11, 4	12, 4	13, 4	14, 4	15, 4
6	0, 5	1, 5	2, 5	3, 5	4, 5	5, 5	6, 5	7, 5	8, 5	9, 5	10, 5	11, 5	12, 5	13, 5	14, 5	15, 5
7	0, 6	1, 6	2, 6	3, 6	4, 6	5, 6	6, 6	7, 6	8, 6	9, 6	10, 6	11, 6	12, 6	13, 6	14, 6	15, 6
8	0, 7	1, 7	2, 7	3, 7	4, 7	5, 7	6, 7	7, 7	8, 7	9, 7	10, 7	11, 7	12, 7	13, 7	14, 7	15, 7
9	0, 8	1, 8	2, 8	3, 8	4, 8	5, 8	6, 8	7, 8	8, 8	9, 8	10, 8	11, 8	12, 8	13, 8	14, 8	15, 8
10	0, 9	1, 9	2, 9	3, 9	4, 9	5, 9	6, 9	7, 9	8, 9	9, 9	10, 9	11, 9	12, 9	13, 9	14, 9	15, 9
11	0, 10	1, 10	2, 10	3, 10	4, 10	5, 10	6, 10	7, 10	8, 10	9, 10	10, 10	11, 10	12, 10	13, 10	14, 10	15, 10
12	0, 11	1, 11	2, 11	3, 11	4, 11	5, 11	6, 11	7, 11	8, 11	9, 11	10, 11	11, 11	12, 11	13, 11	14, 11	15, 11
13	0, 12	1, 12	2, 12	3, 12	4, 12	5, 12	6, 12	7, 12	8, 12	9, 12	10, 12	11, 12	12, 12	13, 12	14, 12	15, 12
14	0, 13	1, 13	2, 13	3, 13	4, 13	5, 13	6, 13	7, 13	8, 13	9, 13	10, 13	11, 13	12, 13	13, 13	14, 13	15, 13
15	0, 14	1, 14	2, 14	3, 14	4, 14	5, 14	6, 14	7, 14	8, 14	9, 14	10, 14	11, 14	12, 14	13, 14	14, 14	15, 14
16	0, 15	1, 15	2, 15	3, 15	4, 15	5, 15	6, 15	7, 15	8, 15	9, 15	10, 15	11, 15	12, 15	13, 15	14, 15	15, 15

To device
grid
/grid/led/set x y s
set led at (x,y) to state s (0 or 1)
/grid/led/all s
set all leds to state s (0 or 1).
/grid/led/map x_offset y_offset s[8]
Set a quad (8×8, 64 buttons) in a single message.
/grid/led/row x_offset y s[..]
Set a row in a quad in a single message
/grid/led/col x y_offset s[..]
Set a column in a quad in a single message
/grid/led/intensity i [0, 3] – off | [4, 7] - low | [8, 11] - medium | [12, 15] - high
June 2012 devices allow the full 16 intensity levels
/grid/led/level/set x y l
/grid/led/level/all l
/grid/led/level/map x_off y_off l[64]
/grid/led/level/row x_off y l[..]
/grid/led/level/col x y_off l[..]

tilt
/tilt/set n s
set active state of tilt sensor n to s (0 or 1, 1 = active, 0 = inactive)

From device
grid
/grid/key x y s - key state change at (x,y) to s (0 or 1, 1 = key down, 0 = key up)

tilt
/tilt n x y z - position change on tilt sensor n, integer (8-bit) values (x, y, z)

to serialosc
/sys/port i <port> - change destination port
/sys/host s <host> - change destination host
/sys/prefix s <prefix> - change message prefix (filtering)
/sys/rotation i <degrees> - rotate the monome by degrees, 0, 90, 180, 270
/sys/info si <host> <port>
/sys/info i <port>
/sys/info
/info si <host> <port> (send /sys/info messages to host:port)
/info i <port> (send to localhost:port)
/info (send to current destination application's host:port)

from serialosc
/sys/port i report destination port
/sys/host s report destination host
/sys/id s report device id
/sys/prefix s report prefix