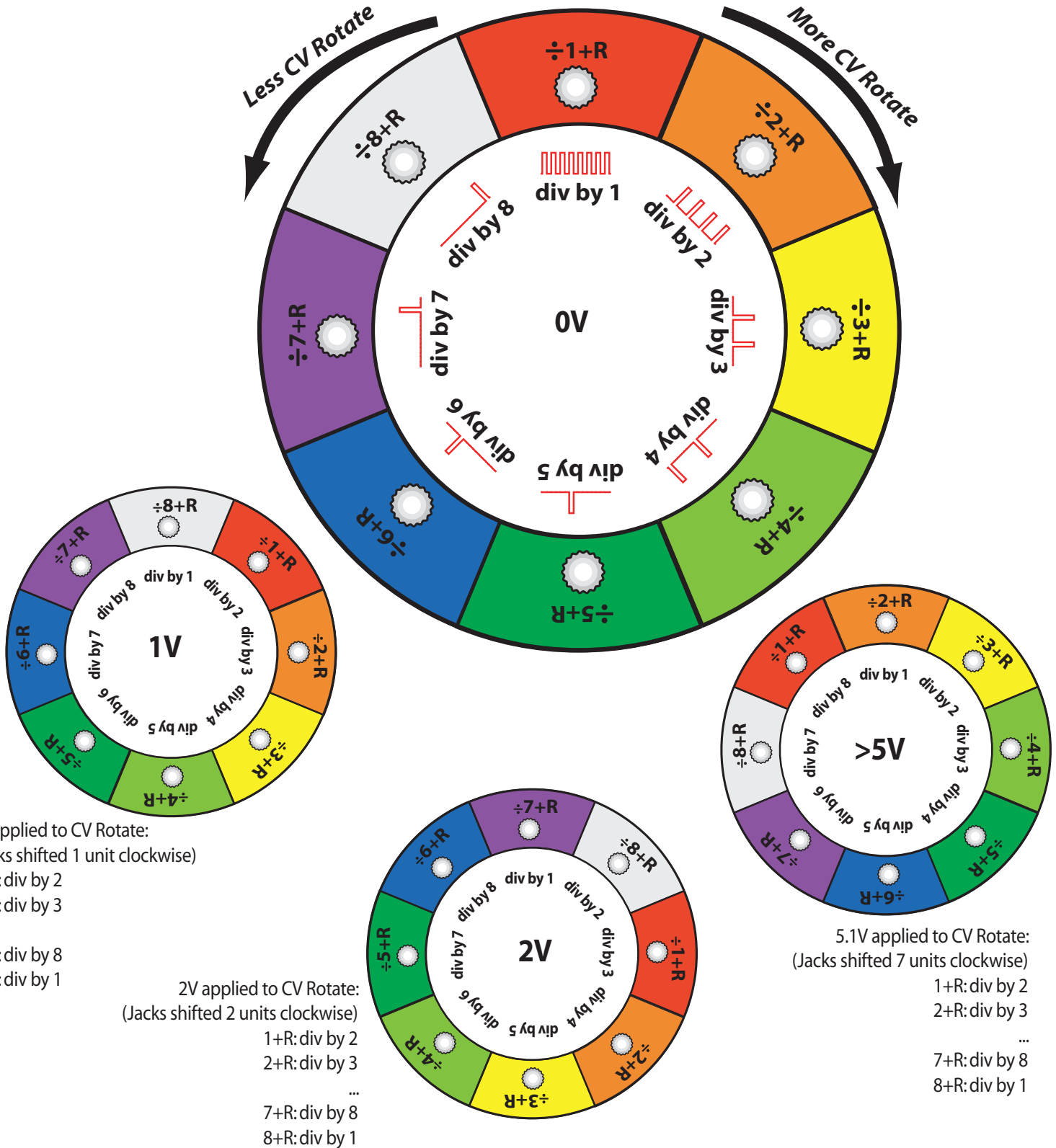# 4ms Rotating Clock Divider

How CV Rotate Works

In this metaphorical illustration, applying a voltage to the Rotate jack makes the outer circle of jacks rotate around the inner circle of divided clock signals. For a technical chart of the exact voltages needed to cause exact rotations, see the User Manual.

This page assumes all jumpers are in their factory positions: i.e. only jumpers 3 and 4 are "in"

Less CV Rotate

More CV Rotate

÷1+R ÷2+R ÷3+R ÷4+R ÷5+R ÷6+R ÷7+R ÷8+R

div by 1 div by 2 div by 3 div by 4 div by 5 div by 6 div by 7 div by 8

0V

1V

1V applied to CV Rotate:
(Jacks shifted 1 unit clockwise)
1+R: div by 2
2+R: div by 3
...
7+R: div by 8
8+R: div by 1

2V

2V applied to CV Rotate:
(Jacks shifted 2 units clockwise)
1+R: div by 2
2+R: div by 3
...
7+R: div by 8
8+R: div by 1

>5V

5.1V applied to CV Rotate:
(Jacks shifted 7 units clockwise)
1+R: div by 2
2+R: div by 3
...
7+R: div by 8
8+R: div by 1