

Divisor is a gate divider Rack Extension for Propellerhead Reason 6.5+. Divisor contains 10 separate dividers with 2 outputs each, timed either internally or by buffered external input.

DIVISOR - FRONT PANEL



PULSE

Master timing signal for the DIVIDERS

Default setting is SYNC at 1/4 or 1 pulse per quarter note (1 PPQN)

KNOB - Adjusts the PULSE rate

In SYNC mode, pulse rate is displayed in common divisions of master tempo (1/1, 1/2, 1/4, 1/4T, 1/8, 1/8T, 1/16, 1/16T, 1/32, 1/32T, 1/64)

In FREE mode, pulse rate is displayed in Hz from 0.10Hz to 20.00Hz

LAMP - Indicates gate activity

SYNC - Synchronized with master tempo

FREE - Free-Running

DIVIDERS (1-10)

10 independent gate dividers all synchronized to PULSE or BUFFERS

KNOB - Adjusts the divisor amount of each divider and affects both A&B outputs simultaneously

In INTEGER mode, the divider is adjustable by whole numbers from 1 to 16 (eg. /1, /2, /3... /16)

In FLOAT mode, the divider is adjustable by a x.xx floating point number from 1.00 to 16.00

LAMP - Indicates output activity, Negative - Red, Positive - Green (only functions when output is connected)

I - INTEGER - Divided by a whole number

F - FLOAT - Divided by a x.xx floating point number

BUFFERS (A&B)

Incoming CV from DIV IN is stored and played back via the corresponding DIV OUT

The BUFFERS are circular. When full, older values are replaced by newer values.

KNOB - Adjusts the size of the BUFFERS in CV samples (CV sample rate is 1/64 audio rate)

($2^5=32$ CV samples, $2^6=64$, $2^7=128$, $2^8=256$, $2^9=512$, $2^{10}=1024$, $2^{11}=2048$... $2^{20}=1048576$ CV samples)

LAMP - Indicates input activity, Negative - Red, Positive - Green (only functions when input is connected)

ST - STEPPED OUTPUT

LN - LINEAR OUTPUT

METER - Indicates how full each BUFFER is (Green - space available, Yellow - Nearing Capacity, Red - Full)

CLR - CLEAR BUFFER

DIVISOR - BACK PANEL



PULSE OUT

2 CV outputs duplicating the PULSE

Use PULSE OUT to slave other devices to DIVISOR

DIV IN

External CV input - replaces PULSE for all DIV OUTs on A or B

If no external input is present, timing is derived from PULSE

KNOB - Adjusts the level of incoming signal

DIV OUT (1-10)

10 sets of CV outputs

Channels 1-10 are independent of each other

DIV OUT A and DIV OUT B for each channel are simultaneously controlled by the DIVIDER KNOB

Default timing for all dividers is provided by PULSE, unless external CV is present at DIV IN

If an external CV is present at DIV IN A, that external CV replaces the PULSE for channel output A

If an external CV is present at DIV IN B, that external CV replaces the PULSE for channel output B

CLEAR IN

Clear BUFFER (A or B) via CV

ADDITIONAL RESOURCES

For Reason example files, audio, and other info, please see:

thechronologists.com/divisor