

# How it works

## Explanation - Concept

James is a unique step sequencer that allows each of its 6 rows to be rushed or dragged independently of the other rows. See the below diagram for an explanation of how the rush/drag feature of James works.

### No rush/drag:

Count	1	N	2	N	3	N	4	N	1	N	2	N	3	N	4	N
Kick																
Snare																

### Rushed snare:

Count	1	N	2	N	3	N	4	N	1	N	2	N	3	N	4	N
Kick																
Snare																

By introducing rush/drag for specific elements of a beat, you can create conflict with the straight beat.

## Explanation - James

James works by dividing its clock input (**A**) by 16, and then using the rush/drag knobs (**G**) to rush/drag each element by up to 15 clocks forward or backwards. For every 16 clock inputs sent to James, the currently active step will advance by 1.

Clocks	9	10	11	12	13	14	15	16	1	2	3	4	5	6	7	8
Rush: 3																
Rush: 0																
Rush: -3																