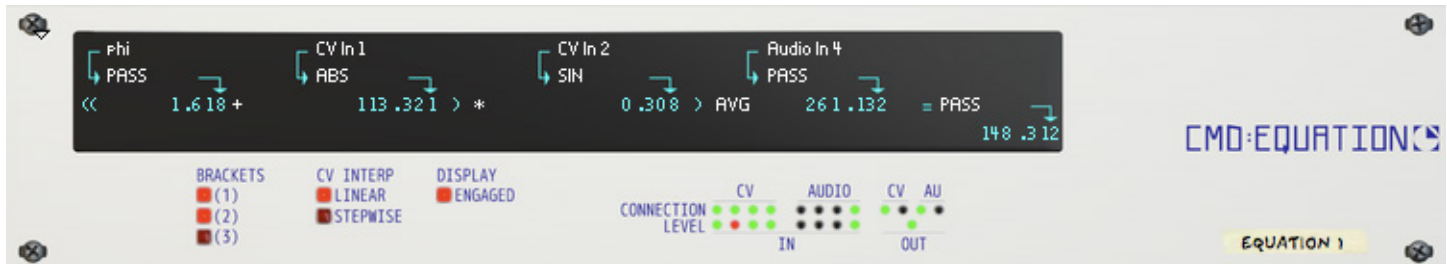
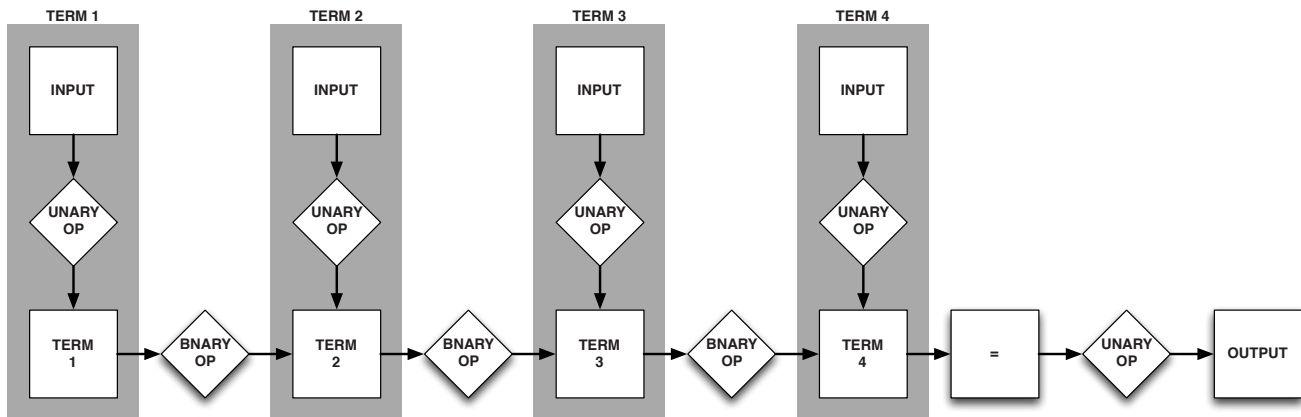


CMD:Equation is a mathematical equation computer Rack Extension for Propellerhead Reason 6.5+. CMD:Equation contains 4 terms with numerous operators per and between terms.

EQUATION - FRONT PANEL



SIGNAL FLOW



INPUT

Zero, CV In 1-4, Audio In 1-4, pi, e, phi or Phi (click on value for menu)

UNARY OPERATOR

PASS, ABS, ROUND, TRUNC, SQR, SQRT, LN, LOG2, LOG10 and a number of trigonometric functions including SIN, COS, TAN, ASIN, ACOS, ATAN, SINH, COSH, TANH, ASINH, ACOSH and ATANH (click on value for menu)

BINARY OPERATOR

+, -, *, /, MOD, MIN, MAX, DIFF, AVG, and POW (click on value for menu)

BRACKETS

- (1) = (Term 1 Term 2) Term 3 Term 4
- (2) = Term 1 (Term 2 Term 3) Term 4
- (3) = Term 1 Term 2 (Term 3 Term 4)
- (1)+(2) = ((Term 1 Term 2) Term 3) Term 4
- (1)+(3) = (Term 1 Term 2) (Term 3 Term 4)
- (2)+(3) = Term 1 ((Term 2 Term 3) Term 4)
- (1)+(2)+(3) = (((Term 1 Term 2) Term 3) Term 4)

CV INTERP

Toggles between LINEAR and STEPWISE CV INPUT INTERPOLATION when CV is combined with AUDIO signals in an equation

DISPLAY

Toggles display ON and OFF

METERS

Display CONNECTION presence and SIGNAL LEVELS at INPUT and OUTPUT (Green=Positive, Red=Negative)

EQUATION - BACK PANEL



IN AUDIO IN

AUDIO INPUT for terms

CV IN

CV INPUT for terms

KNOB - Adjusts the level of incoming signal

OUT AUDIO OUT

Final processed AUDIO OUTPUT

CV OUT

Final processed CV OUTPUT

TERM OUT AUDIO TERM OUT

AUDIO OUTPUT of each individual term

CV TERM OUT

CV OUTPUT of each individual term

MODULATION TERM 1-4

CV input for MODULATION of INPUT type

KNOB - Adjusts the level of incoming signal

UNARY OP 1-4

CV input for MODULATION of UNARY OPERATORS of TERMS 1-4

KNOB - Adjusts the level of incoming signal

BINARY OP 1-3

CV input for MODULATION of BINARY OPERATORS between TERMS 1-2, 2-3, and 3-4

KNOB - Adjusts the level of incoming signal

UNARY OP OUT

CV input for MODULATION of UNARY OPERATOR of final OUTPUT

KNOB - Adjusts the level of incoming signal

ADDITIONAL RESOURCES

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

thechronologists.com/cmd_equation