



Wireless Keyboard





Control Keys

Function	Key Press
AC	[Ctrl] + [BackSpace] [Windows] / [Command] + [BackSpace] (*)
Undo	[Ctrl] / [Windows] / [Command] + [Z] (*)
↑	[↑]
↓	[↓]
←	[←]
→	[→]
Move to Begin	[Home]
Move to End	[End]
=	ENTER
X_{i+} (Statistic Mode)	[Shift] + [↓]
Finish Function (Suggestion)	[Tab] or [Space]

Notice: Use [Tab] or [Space] Key to finish the function
Example: $S_i \rightarrow$ [Tab] \rightarrow "Sin(" \rightarrow [Tab] \rightarrow "Sinh("
(*) [Ctrl] can be replaced by [Windows] or [Command] on some keyboards



General Function Keys

Function	Key Press	Case Sensitive
+	+	
-	-	
×	*	
÷	/	
$\frac{a}{b}$	//	
$a\frac{b}{c}$	///	
((
))	
'	°	
%	%	
E	E	
N!	!	
a (Abs)	Abs	
;	;	
← (Assignment)	<- <= :=	



General Function Keys

Function	Key Press	Case Sensitive
\sqrt{x}	$\sqrt{\quad}$, Sqrt, SquareRoot	
$\sqrt[3]{x}$	Cbrt, CubeRoot	
$\sqrt[n]{x}$	NRoot, NthRoot	
X^2	$\wedge \wedge$	
X^3	$\wedge \wedge \wedge$	
X^n	\wedge Pow	
X^{-1}	Inv	
$\int_a^b f(x)$	\int Intg Integral Integrate Integration	
$\frac{d}{dx}$ (Derivative)	∂ Der	
$\sum_{x=a}^b f(x)$	Σ sum sigma SUM SIGMA	✓



General Function Keys

Function	Key Press	Case Sensitive
$\prod_{x=a}^b f(x)$	Product	
NPr(x)	NPR Prime	
C_n^k	nCr nCk Combination	✓ ✓
P_n^k	nPr nPk Permutation	✓ ✓
GCD(X,Y)	GCD	
LCM(X,Y)	LCM	
F1	F1	
F2	F2	
F3	F3	
d	Deg	
r	Rad	
g	Gra	



General Function Keys

Function	Key Press	Case Sensitive
$\text{Ln}(x)$	Ln	
$\text{Log}(x)$	Log Log10	
$\text{Log}_a b$	LogAB Logarithm	
$\text{Sin}(x)$	Sin(
$\text{Cos}(x)$	Cos(
$\text{Tan}(x)$	Tan(
$\text{Sin}^2(x)$	Sin^2(
$\text{Cos}^2(x)$	Cos^2(
$\text{Tan}^2(x)$	Tan^2(
$\text{Sinh}(x)$	Sinh(
$\text{Cosh}(x)$	Cosh(
$\text{Tanh}(x)$	Tanh(
$\text{Sin}^{-1}(x)$	Sin^-1(ASin(/ ArcSin(
$\text{Cos}^{-1}(x)$	Cos^-1(ACos(/ ArcCos(
$\text{Tan}^{-1}(x)$	Tan^-1(ATan(/ ArcTan(



Constant & Variable Keys

Function	Key Press	Case Sensitive
e	e	✓
π	Pi, π	
X	X	
Y	Y	
Z	Z	
M	M [Space]	
M1	M1	
M2	M2	
M3	M3	
M4	M4	
M5	M5	
MA	MA A [Space]	
MB	MB B [Space]	
MC	MC C [Space]	
MD	MD D [Space]	
ME	ME	✓



Command

Command	Features
#->Fn #AssignFn	Assign current equation to Fn (Fn can be F1, F2, F3)
#->V #SaveV	Save the current result/expression to Variable V
#PlotFn	Plot current equation as Fn (Fn can be F1, F2, F3)
#DEG	Switch Angle Unit to DEG
#RAD	Switch Angle Unit to RAD
#GRA	Switch Angle Unit to GRA
#MatAxB #MatrixAxB	Create a new AxB Matrix (Matrix/Vector Mode Only)
#VecN #VectorN	Create a new size N Vector (Matrix/Vector Mode Only)
#Simplify	Simplify current equation *
#Factor	Factor current equation *
#Expand	Expand current equation *
#Eval	Calculate Approximate Result *

* Algebra Mode Only

All Commands start with symbol #



Complex & Algebra Keys

Function	Key Press	Case Sensitive
i (Imaginary)	i [Space]	
\angle (Polar)	Pol Ang	
Argument(z)	Arg	
Conjugate(z)	Con	
$\lim_{x \rightarrow a} f(x)$	Lim(
$\lim_{x \rightarrow +\infty} f(x)$	LimInf Lim+Inf	
$\lim_{x \rightarrow -\infty} f(x)$	Lim-Inf	



Statistical Keys

Function	Key Press	Case Sensitive
Σx	SumX	✓
	SigmaX	✓
Σx^2	SumX^2	
n	N [Space]	
\bar{x}	Avg Mean	
Median	Median	
$\sigma(x)$	SD	
Range	Range	
Min(x)	MinX	
Max(x)	MaxX	
X_{i+}	[Shift] + [↓]	



Matrix / Vector Keys

Function	Key Press	Case Sensitive
Cross Product	Cross	
Dot Product	Dot	
Det(M)	Det	
CCR(M) Crammer Rule Solver	CRR Cramer	
Eigen(M) Eigen Value	Eigen	
M^T Transform	$\wedge T$ Trans T [Space]	



Base-N Keys

Symbol / Function	Key Press	Case Sensitive
A	A	
B	B	✓
C	C	
D	D	✓
E	E	
F	F	
NOT	! / NOT	
AND	& / AND	
OR	/ OR .	
XOR	XOR	
>> Shift Right	>> SHR	
<< Shift Left	<< SHL	
BIN	Bin	
OCT	Oct	
DEC	Dec	
HEX	Hex	
BASE N	BaseN Where N is integer from 2→16	