

## Plot commands

	Instruction	Syntax	Description
1	Move absolute	M <x>, <y>	Moves to absolute position
2	Move relative	m <x>, <y>	Moves to relative position
3	Line absolute	L <x>, <y>	Draws a line to absolute position
4	Line relative	l <x>, <y>	Draws a line to a relative position
5	Rectangle absolute	R <x1>, <y1>, <x2>, <y2>	Draws a rectangle
6	Rectangle relative	r <x1>, <y1>, <x2>, <y2>	Draws a rectangle
7	Rounded rectangle absolute	R <x1>, <y1>, <x2>, <y2>, <r>	Draws a rounded rectangle with radius r. R must be less than half of the shortest side
8	Rounded rectangle relative	r <x1>, <y1>, <x2>, <y2>, <r>	Draws a rounded rectangle with radius r. R must be less than half of the shortest side
9	Arc	A <x>, <y>, <r>, <flag>	Draws a circle section from current position to absolute position x, y with radius r. Flag indicates the vertical orientation (1: up, 0: down)
10	Arc	a <x>, <y>, <r>, <flag>	Draws a circle section from current position to relative position x, y
11	Close polygon	Z   z	Line to last recognized move position
12	Pen up	U   u	Sets pen up
13	Pend down	D   d	Sets pen down
14	Circle	C   c <r>	Draws circle with radius r with the origin at current position
15	Circle section	C   c <r>, <a1>, <a2>	Draws a section of a circle from angle a1 to angle a2
16	Ellipse	E   e <r1>, <r2>	Draws an ellipse with horizontal radius r1 and vertical radius r2
17	Ellipse section	E   e <r1>, <r2>, <a1>, <a2>	Draws a section of an ellipse with horizontal radius r1 and vertical radius r2 from angle a1 to angle a2

## Text commands

	Instruction	Syntax	Description
20	Left aligned text	T <abc...>	Draws left aligned text from current position
21	Right aligned text	t <abc...>	Draws right aligned text from current position
22	Centered text	J   j <abc...>	Draws centered text at current position
23	Set text orientation	O   o <orientation>	Set text orientation: 0 = horizontal, left to right 1 = Vertical, bottom to top (top facing left) 2 = horizontal, right to left (upside down) 3 = Vertical, top to bottom (top facing right)
24	Set text size	S   s <size>	Set text size with 10 < size < 500. Default: 25
25	Set text attribute	K   k <att>	Sets underline or box 0 = no attribute 1 = underline 2 = box

## System setting and data

	Instruction	Syntax	Description
30	Set speed	V   v <delay_time>	Set speed of movement while pen is down. Higher values give lower speed 475 < speed < 1000. Default: 750
31	Pause	P   p	Disables the stepper motors to reduce energy consumption
32	Home	H   h	Moves to home position
33	Set line umber	B   b <number>	Sets the current line number
34	Get current coordinates	G   g	Returns the current position in the format <x>, <y>
35	Show info	I   I	Returns system information
36	Get free memory	F   f	Returns the available buffer space <bytes>
37	Set network details	N   n	Enters the network dialog via serial interface Available via serial interface only!
38	Stop	X   x	Stops current plotting process, clears buffer