

Diagnostics

gSender 1.4.0

Environment

OS: Windows NT 10.0; Win64; x64

Machine Profile

ID: 1

Company: Sienci Labs

Name: LongMill MK2

Type: 48x30

Version: MK2

Limits:

X Max: 1276

Y Max: 864

Z Max: 122

Spindle/Laser: true

Laser Mode Enabled: false

Connection

Available Ports:

0:

port: COM3

manufacturer: Microsoft

inuse: false

Connected Port: COM3

Baudrate: 115200

Unrecognized Ports:

0:

port: COM4

manufacturer: Microsoft

inuse: false

1:

port: COM5

manufacturer: Microsoft

inuse: false

GRBL Information

Type: Grbl

MPos:

a: 0.000

b: 0.000

c: 0.000

x: 0.000

y: 0.000

z: 0.000

WPos:

a: 0.000

b: 0.000

c: 0.000

x: 0.000

y: 0.000

z: 0.000

Sender Status:

Modal:

NULL

Tool: NULL

Workflow State: idle

Homing Flag: false

EEPROM Values

Setting	Value
\$0	10
\$1	100
\$2	1
\$3	1
\$4	1
\$5	0
\$6	0
\$10	1
\$11	0.010
\$12	0.002
\$13	0
\$20	0
\$21	0
\$22	0
\$23	3
\$24	25.000
\$25	1500.000
\$26	250
\$27	1.000
\$30	30000
\$31	10000
\$32	0
\$100	200.000
\$101	200.000
\$102	200.000
\$110	4000.000
\$111	4000.000
\$112	3000.000
\$120	750.000
\$121	750.000
\$122	500.000
\$130	1276.000
\$131	864.000
\$132	122.000

Recent Alarms

None

Recent Errors

1/25/2024, 12:44:50 PM

Missing the expected G-code word value or numeric value format is not valid.

Input: N/A

1/25/2024, 12:48:35 PM

Missing the expected G-code word value or numeric value format is not valid.

Input: N/A

1/25/2024, 12:54:39 PM

Missing the expected G-code word value or numeric value format is not valid.

Input: N/A

1/25/2024, 12:58:23 PM

Missing the expected G-code word value or numeric value format is not valid.

Input: N/A

1/25/2024, 1:05:36 PM

Missing the expected G-code word value or numeric value format is not valid.

Input: N/A

1/25/2024, 1:06:01 PM

Missing the expected G-code word value or numeric value format is not valid.

Input: N/A

1/25/2024, 1:07:17 PM

Missing the expected G-code word value or numeric value format is not valid.

Input: N/A

1/25/2024, 1:08:19 PM

Missing the expected G-code word value or numeric value format is not valid.

Input: N/A

1/25/2024, 1:16:16 PM

Missing the expected G-code word value or numeric value format is not valid.

Input: N/A

1/25/2024, 1:27:19 PM

Missing the expected G-code word value or numeric value format is not valid.

Input: N/A

Terminal History

Grbl 1.1h ['\$' for help] LongMill MK1 build Feb 7, 2022

\$\$

\$0=10 (Step pulse time, \$)

\$1=100 (Step idle delay, ms)

\$2=1 (Step pulse invert, mask)

\$3=1 (Step direction invert, mask)

\$4=1 (Invert step enable pin, boolean)

\$5=0 (Invert limit pins, boolean)
 \$6=0 (Invert probe pin, boolean)
 \$10=1 (Status report options, mask)
 \$11=0.010 (Junction deviation, mm)
 \$12=0.002 (Arc tolerance, mm)
 \$13=0 (Report in inches, boolean)
 \$20=0 (Soft limits enable, boolean)
 \$21=0 (Hard limits enable, boolean)
 \$22=0 (Homing cycle enable, boolean)
 \$23=3 (Homing direction invert, mask)
 \$24=25.000 (Homing locate feed rate, mm/min)
 \$25=1500.000 (Homing search seek rate, mm/min)
 \$26=250 (Homing switch debounce delay, ms)
 \$27=1.000 (Homing switch pull-off distance, mm)
 \$30=30000 (Maximum spindle speed, rpm)
 \$31=10000 (Minimum spindle speed, rpm)
 \$32=0 (Laser-mode enabled as spindle, boolean)
 \$100=200.000 (X-axis travel resolution, step/mm)
 \$101=200.000 (Y-axis travel resolution, step/mm)
 \$102=200.000 (Z-axis travel resolution, step/mm)
 \$110=4000.000 (X-axis maximum rate, mm/min)
 \$111=4000.000 (Y-axis maximum rate, mm/min)
 \$112=3000.000 (Z-axis maximum rate, mm/min)
 \$120=750.000 (X-axis acceleration, mm/sec²)
 \$121=750.000 (Y-axis acceleration, mm/sec²)
 \$122=500.000 (Z-axis acceleration, mm/sec²)
 \$130=1276.000 (X-axis maximum travel, mm)
 \$131=864.000 (Y-axis maximum travel, mm)
 \$132=122.000 (Z-axis maximum travel, mm)
 ok
 \$X
 ok
 \$X
 ok
 \$X
 ok

G-Code File

Status	Value
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No File Loaded