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: grblHAL
MPos:
- *a:* 0
- *b:* 0
- *c:* 0
- *x:* 0
- *y:* 0
- *z:* 0

WPos:
- *a:* 0
- *b:* 0
- *c:* 0
- *x:* 387.7691
- *y:* 178.23434
- *z:* 20.80514

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	1
$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

Terminal History

Grbl 1.1h ['$' for help] LongMill MK1 build Feb 7, 2022
[VER:1.1h.20190830:]
$$
[OPT:VMZ,15,128]
ok
$0=10 (Step pulse time, µs)
$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=1 (Report in inches, boolean)
$20=0 (Soft limits enable, boolean)
$21=0 (Hard limits enable, mask)
$22=0 (Homing cycle enable, mask)
$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 (Spindle Mode,)
$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/sec^2)
$121=750.000 (Y-axis acceleration, mm/sec^2)

$122=500.000 (Z-axis acceleration, mm/sec^2)
$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
error:2 (Bad number format)
error:2 (Bad number format)
error:2 (Bad number format)
error:2 (Bad number format)
$1=255
ok
$$
$0=10 (Step pulse time, µs)
$1=255 (Step idle delay, ms)
$2=1 (Step pulse invert, mask)
$3=1 (Step direction invert, mask)
$4=1 (Invert step enable pin, boolean)
$5=0 (Invert limit pins, boolean)
$6=0 (Invert probe pin, boolean)
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$111=4000.000 (Y-axis maximum rate, mm/min)
$112=3000.000 (Z-axis maximum rate, mm/min)
$120=750.000 (X-axis acceleration, mm/sec^2)
$121=750.000 (Y-axis acceleration, mm/sec^2)
$122=500.000 (Z-axis acceleration, mm/sec^2)
$130=1276.000 (X-axis maximum travel, mm)
$131=864.000 (Y-axis maximum travel, mm)
$132=122.000 (Z-axis maximum travel, mm)
ok
$1=100
ok
$$
$0=10 (Step pulse time, µs)
$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)

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$122=500.000 (Z-axis acceleration, mm/sec^2)
$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

G-Code File

Status	Value

No File Loaded