

Diagnostics

gSender 1.2.0

Environment

OS: X11; Linux x86_64

Machine Profile

ID: 51

Company:

Name: Evo-One

Type:

Version: MK1

Limits:

X Max: 296

Y Max: 228

Z Max: 74

Spindle/Laser: false

Laser Mode Enabled: false

Connection

Available Ports:

NULL

Connected Port: /dev/ttyUSB0

Baudrate: 115200

Unrecognized Ports:

0:

port: /dev/ttyUSB0

inuse: false

1:

port: /dev/ttyS0

inuse: false

2:

port: /dev/ttyS1

inuse: false

3:

port: /dev/ttyS2

inuse: false

4:

port: /dev/ttyS3

inuse: false

GRBL Information

Type: Grbl

MPos:

a: 0.000

b: 0.000

c: 0.000

x: -294.000

y: -226.000

z: -2.000

WPos:

a: 0.000

b: 0.000

c: 0.000

x: -91.665

y: -30.665

z: 52.750

Sender Status:

Modal:

NULL

Tool: NULL

Workflow State: idle

Homing Flag: false

EEPROM Values

Setting	Value
\$0	10
\$1	255
\$2	0
\$3	6
\$4	1
\$5	1
\$6	0
\$10	1
\$11	0.020
\$12	0.002
\$13	0
\$20	1
\$21	1
\$22	1
\$23	3
\$24	80.000
\$25	500.000
\$26	250
\$27	2.000
\$30	1000
\$31	0
\$32	0
\$100	400.000
\$101	400.000
\$102	800.000
\$110	2000.000
\$111	2000.000
\$112	750.000
\$120	100.000
\$121	100.000
\$122	50.000
\$130	296.000
\$131	228.000
\$132	74.000

Recent Alarms

2023-01-14 at 14:52:42

Alarm 1 - Hard limit has been triggered. Machine position is likely lost due to sudden halt. Re-homing is highly recommended.

2023-01-14 at 14:50:57

Alarm 1 - Hard limit has been triggered. Machine position is likely lost due to sudden halt. Re-homing is highly recommended.

2023-01-14 at 14:48:40

Alarm 1 - Hard limit has been triggered. Machine position is likely lost due to sudden halt. Re-homing is highly recommended.

2023-01-14 at 14:47:58

Alarm 1 - Hard limit has been triggered. Machine position is likely lost due to sudden halt. Re-homing is highly recommended.

2023-01-08 at 21:33:06

Alarm 2 - Soft limit alarm. G-code motion target exceeds machine travel. Machine position retained. Alarm may be safely unlocked.

2023-01-08 at 21:32:46

Alarm 2 - Soft limit alarm. G-code motion target exceeds machine travel. Machine position retained. Alarm may be safely unlocked.

2023-01-08 at 21:32:34

Alarm 2 - Soft limit alarm. G-code motion target exceeds machine travel. Machine position retained. Alarm may be safely unlocked.

2023-01-08 at 21:26:22

Alarm 9 - Homing fail. Could not find limit switch within search distances. Try increasing max travel, decreasing pull-off distance, or check wiring.

Recent Errors

2023-01-14 at 14:38:58

Error 15 - Jog target exceeds machine travel. Jog command has been ignored.
On Line 1: "(AttachHoles-GRBL-v1)"

2023-01-14 at 14:38:11

Error 15 - Jog target exceeds machine travel. Jog command has been ignored.
On Line 1: "(AttachHoles-GRBL-v1)"

2023-01-14 at 14:38:09

Error 15 - Jog target exceeds machine travel. Jog command has been ignored.
On Line 1: "(AttachHoles-GRBL-v1)"

2023-01-08 at 21:33:20

Error 9 - G-code commands are locked out during alarm or jog state.
On Line 29: "G54"

2023-01-08 at 21:33:20

Error 9 - G-code commands are locked out during alarm or jog state.
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2023-01-08 at 21:33:20

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Error 9 - G-code commands are locked out during alarm or jog state.

On Line 29: "G54"

2023-01-08 at 21:33:20

Error 9 - G-code commands are locked out during alarm or jog state.

On Line 29: "G54"

2023-01-08 at 21:32:38

Error 9 - G-code commands are locked out during alarm or jog state.

On Line 1: "(Made in : Autodesk CAM Post Processor)"

2023-01-08 at 21:28:08

Error 15 - Jog target exceeds machine travel. Jog command has been ignored.

On Line : ""

Terminal History

gSender - [Grbl]

Connected to /dev/ttyUSB0 with a baud rate of 115200

Grbl 1.1g ['\$' for help]

\$\$

[MSG: '\$H' | '\$X' to unlock]

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

\$1=255 (Step idle delay, ms)

\$2=0 (Step pulse invert, mask)

\$3=6 (Step direction invert, mask)

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

\$5=1 (Invert limit pins, boolean)

\$6=0 (Invert probe pin, boolean)

\$10=1 (Status report options, mask)

\$11=0.020 (Junction deviation, mm)

\$12=0.002 (Arc tolerance, mm)

\$13=0 (Report in inches, boolean)

\$20=1 (Soft limits enable, boolean)

\$21=1 (Hard limits enable, boolean)

\$22=1 (Homing cycle enable, boolean)

\$23=3 (Homing direction invert, mask)

\$24=80.000 (Homing locate feed rate, mm/min)

\$25=500.000 (Homing search seek rate, mm/min)

\$26=250 (Homing switch debounce delay, ms)

\$27=2.000 (Homing switch pull-off distance, mm)

\$30=1000 (Maximum spindle speed, rpm)

\$31=0 (Minimum spindle speed, rpm)

\$32=0 (Laser-mode enabled as spindle, boolean)

\$100=400.000 (X-axis travel resolution, step/mm)

\$101=400.000 (Y-axis travel resolution, step/mm)

\$102=800.000 (Z-axis travel resolution, step/mm)

\$110=2000.000 (X-axis maximum rate, mm/min)

\$111=2000.000 (Y-axis maximum rate, mm/min)
\$112=750.000 (Z-axis maximum rate, mm/min)
\$120=100.000 (X-axis acceleration, mm/sec^2)
\$121=100.000 (Y-axis acceleration, mm/sec^2)
\$122=50.000 (Z-axis acceleration, mm/sec^2)
\$130=296.000 (X-axis maximum travel, mm)
\$131=228.000 (Y-axis maximum travel, mm)
\$132=74.000 (Z-axis maximum travel, mm)
ok
\$H
ok

G-Code File

Status	Value
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No File Loaded