

Attempted to write invalid text to console, which could be due to an invalid baudrate start

Printer is now online.

echo:Marlin bugfix-2.0.x

echo: Last Updated: 2020-03-21 | Author: (none, default config)

echo:Compiled: Mar 25 2020

echo: Free Memory: 3641 PlannerBufferBytes: 1216

Setting hotend temperature to 190.000000 degrees Celsius.

Setting bed temperature to 60.000000 degrees Celsius.

echo:V76 stored settings retrieved (740 bytes; crc 14750)

>>> m111 s247

SENDING:M111 S247

echo:DEBUG:ECHO,INFO,ERRORS,COMMUNICATION,LEVELING

echo:M105

>>> g28

SENDING:G28

echo:G28

>>> G28

Machine Type: Cartesian

Probe: FIX\_MOUNTED\_PROBE

Probe Offset X30.00 Y-20.00 Z-1.45 (Right-Front & Below Nozzle)

Auto Bed Leveling: BILINEAR (disabled)

echo:Active Extruder: 0

Raise Z (before homing) to 5.00

>>> do\_blocking\_move\_to X0.00 Y0.00 Z5.00

<<< do\_blocking\_move\_to

>>> homeaxis(X)

Home 1 Fast:

>>> do\_homing\_move(X, -450.00, [50.00])

echo:busy: processing

echo:busy: processing

echo:busy: processing

<<< do\_homing\_move(X)

Move Away:

>>> do\_homing\_move(X, 5.00, [50.00])

<<< do\_homing\_move(X)

Home 2 Slow:

>>> do\_homing\_move(X, -10.00, 25.00)

<<< do\_homing\_move(X)

>>> set\_axis\_is\_at\_home(X)

Axis 88 home\_offset = 0.00 position\_shift = 0.00

> home\_offset[X] = 0.00

current\_position= X0.00 Y0.00 Z5.00 :

<<< set\_axis\_is\_at\_home(X)

current\_position= X0.00 Y0.00 Z5.00 : sync\_plan\_position

current\_position= X0.00 Y0.00 Z5.00 : > AFTER set\_axis\_is\_at\_home

<<< homeaxis(X)

```
>>> homeaxis(Y)
Home 1 Fast:
>>> do_homing_move(Y, -450.00, [50.00])
echo:busy: processing
echo:busy: processing
echo:busy: processing
<<< do_homing_move(Y)
Move Away:
>>> do_homing_move(Y, 5.00, [50.00])
<<< do_homing_move(Y)
Home 2 Slow:
>>> do_homing_move(Y, -10.00, 25.00)
<<< do_homing_move(Y)
>>> set_axis_is_at_home(Y)
Axis 89 home_offset = 0.00 position_shift = 0.00
> home_offset[Y] = 0.00
  current_position= X0.00 Y0.00 Z5.00 :
<<< set_axis_is_at_home(Y)
  current_position= X0.00 Y0.00 Z5.00 : sync_plan_position
  current_position= X0.00 Y0.00 Z5.00 : > AFTER set_axis_is_at_home
<<< homeaxis(Y)
home_z_safely >>>
  current_position= X0.00 Y0.00 Z5.00 : sync_plan_position
  destination= X120.00 Y170.00 Z6.45 : home_z_safely
>>> do_blocking_move_to X120.00 Y170.00 Z5.00
<<< do_blocking_move_to
echo:busy: processing
>>> homeaxis(Z)
  current_position= X120.00 Y170.00 Z5.00 : Probe::set_deployed
deploy: 1
Probe::move_z(10.00)
>>> do_blocking_move_to X120.00 Y170.00 Z11.45
<<< do_blocking_move_to
echo:busy: processing
>>> do_blocking_move_to X120.00 Y170.00 Z11.45
<<< do_blocking_move_to
Home 1 Fast:
>>> do_homing_move(Z, -675.00, [4.00])
echo:busy: processing
echo:busy: processing
<<< do_homing_move(Z)
Move Away:
>>> do_homing_move(Z, 5.00, 4.00)
echo:busy: processing
<<< do_homing_move(Z)
Home 2 Slow:
>>> do_homing_move(Z, -10.00, 2.00)
```

```
echo:busy: processing
<<< do_homing_move(Z)
>>> set_axis_is_at_home(Z)
*** Z HOMED WITH PROBE (Z_MIN_PROBE_USES_Z_MIN_ENDSTOP_PIN) ***
> probe.offset.z = -1.45
Axis 90 home_offset = 0.00 position_shift = 0.00
> home_offset[Z] = 0.00
  current_position= X120.00 Y170.00 Z1.45 :
<<< set_axis_is_at_home(Z)
  current_position= X120.00 Y170.00 Z1.45 : sync_plan_position
  current_position= X120.00 Y170.00 Z1.45 : > AFTER set_axis_is_at_home
  current_position= X120.00 Y170.00 Z1.45 : Probe::set_deployed
deploy: 0
>>> do_blocking_move_to X120.00 Y170.00 Z1.45
<<< do_blocking_move_to
<<< homeaxis(Z)
<<< home_z_safely
  current_position= X120.00 Y170.00 Z1.45 : sync_plan_position
echo:Active Extruder: 0
<<< G28
echo:M105
echo:M105
echo:M105
echo:M105
echo:M105
echo:M105
echo:M105
echo:M105
echo:M105
echo:M105
echo:M105
echo:M105
>>> g29
SENDING:G29
echo:G29
  current_position= X120.00 Y170.00 Z1.45 : >>> G29
Machine Type: Cartesian
Probe: FIX_MOUNTED_PROBE
Probe Offset X30.00 Y-20.00 Z-1.45 (Right-Front & Below Nozzle)
Auto Bed Leveling: BILINEAR (disabled)
  current_position= X120.00 Y170.00 Z1.45 : Probe::set_deployed
deploy: 1
Probe::move_z(10.00)
>>> do_blocking_move_to X120.00 Y170.00 Z11.45
<<< do_blocking_move_to
echo:busy: processing
>>> do_blocking_move_to X120.00 Y170.00 Z11.45
<<< do_blocking_move_to
```

```
reset_bed_level
>>> Probe::probe_at_point(290.00, 10.00, raise, 0, probe_relative)
  current_position= X120.00 Y170.00 Z11.45 :
>>> do_blocking_move_to X260.00 Y30.00 Z11.45
<<< do_blocking_move_to
echo:busy: processing
  current_position= X260.00 Y30.00 Z11.45 : Probe::set_deployed
deploy: 1
  current_position= X260.00 Y30.00 Z11.45 : >>> Probe::run_z_probe
  current_position= X260.00 Y30.00 Z11.45 : >>> Probe::probe_down_to_z
>>> do_blocking_move_to X260.00 Y30.00 Z-8.55
<<< do_blocking_move_to
echo:busy: processing
echo:busy: processing
  current_position= X260.00 Y30.00 Z1.68 : sync_plan_position
  current_position= X260.00 Y30.00 Z1.68 : <<< Probe::probe_down_to_z
  current_position= X260.00 Y30.00 Z1.68 : <<< run_z_probe
>>> do_blocking_move_to X260.00 Y30.00 Z6.69
<<< do_blocking_move_to
echo:busy: processing
<<< Probe::probe_at_point
>>> Probe::probe_at_point(203.33, 10.00, raise, 0, probe_relative)
  current_position= X260.00 Y30.00 Z6.69 :
>>> do_blocking_move_to X173.33 Y30.00 Z6.69
<<< do_blocking_move_to
  current_position= X173.33 Y30.00 Z6.69 : Probe::set_deployed
deploy: 1
  current_position= X173.33 Y30.00 Z6.69 : >>> Probe::run_z_probe
  current_position= X173.33 Y30.00 Z6.69 : >>> Probe::probe_down_to_z
>>> do_blocking_move_to X173.33 Y30.00 Z-8.55
<<< do_blocking_move_to
echo:busy: processing
echo:busy: processing
  current_position= X173.33 Y30.00 Z1.64 : sync_plan_position
  current_position= X173.33 Y30.00 Z1.64 : <<< Probe::probe_down_to_z
  current_position= X173.33 Y30.00 Z1.64 : <<< run_z_probe
>>> do_blocking_move_to X173.33 Y30.00 Z6.64
<<< do_blocking_move_to
<<< Probe::probe_at_point
>>> Probe::probe_at_point(116.67, 10.00, raise, 0, probe_relative)
  current_position= X173.33 Y30.00 Z6.64 :
>>> do_blocking_move_to X86.67 Y30.00 Z6.64
<<< do_blocking_move_to
echo:busy: processing
  current_position= X86.67 Y30.00 Z6.64 : Probe::set_deployed
deploy: 1
  current_position= X86.67 Y30.00 Z6.64 : >>> Probe::run_z_probe
```

```
current_position= X86.67 Y30.00 Z6.64 : >>> Probe::probe_down_to_z
>>> do_blocking_move_to X86.67 Y30.00 Z-8.55
<<< do_blocking_move_to
echo:busy: processing
current_position= X86.67 Y30.00 Z1.56 : sync_plan_position
current_position= X86.67 Y30.00 Z1.56 : <<< Probe::probe_down_to_z
current_position= X86.67 Y30.00 Z1.56 : <<< run_z_probe
>>> do_blocking_move_to X86.67 Y30.00 Z6.56
<<< do_blocking_move_to
echo:busy: processing
<<< Probe::probe_at_point
>>> Probe::probe_at_point(30.00, 10.00, raise, 0, probe_relative)
current_position= X86.67 Y30.00 Z6.56 :
>>> do_blocking_move_to X0.00 Y30.00 Z6.56
<<< do_blocking_move_to
current_position= X0.00 Y30.00 Z6.56 : Probe::set_deployed
deploy: 1
current_position= X0.00 Y30.00 Z6.56 : >>> Probe::run_z_probe
current_position= X0.00 Y30.00 Z6.56 : >>> Probe::probe_down_to_z
>>> do_blocking_move_to X0.00 Y30.00 Z-8.55
<<< do_blocking_move_to
echo:busy: processing
current_position= X0.00 Y30.00 Z1.78 : sync_plan_position
current_position= X0.00 Y30.00 Z1.78 : <<< Probe::probe_down_to_z
current_position= X0.00 Y30.00 Z1.78 : <<< run_z_probe
>>> do_blocking_move_to X0.00 Y30.00 Z6.78
<<< do_blocking_move_to
echo:busy: processing
<<< Probe::probe_at_point
>>> Probe::probe_at_point(30.00, 100.00, raise, 0, probe_relative)
current_position= X0.00 Y30.00 Z6.78 :
>>> do_blocking_move_to X0.00 Y120.00 Z6.78
<<< do_blocking_move_to
echo:busy: processing
current_position= X0.00 Y120.00 Z6.78 : Probe::set_deployed
deploy: 1
current_position= X0.00 Y120.00 Z6.78 : >>> Probe::run_z_probe
current_position= X0.00 Y120.00 Z6.78 : >>> Probe::probe_down_to_z
>>> do_blocking_move_to X0.00 Y120.00 Z-8.55
<<< do_blocking_move_to
echo:busy: processing
current_position= X0.00 Y120.00 Z1.46 : sync_plan_position
current_position= X0.00 Y120.00 Z1.46 : <<< Probe::probe_down_to_z
current_position= X0.00 Y120.00 Z1.46 : <<< run_z_probe
>>> do_blocking_move_to X0.00 Y120.00 Z6.47
<<< do_blocking_move_to
echo:busy: processing
```

```
<<< Probe::probe_at_point
>>> Probe::probe_at_point(116.67, 100.00, raise, 0, probe_relative)
  current_position= X0.00 Y120.00 Z6.47 :
>>> do_blocking_move_to X86.67 Y120.00 Z6.47
<<< do_blocking_move_to
  current_position= X86.67 Y120.00 Z6.47 : Probe::set_deployed
deploy: 1
  current_position= X86.67 Y120.00 Z6.47 : >>> Probe::run_z_probe
  current_position= X86.67 Y120.00 Z6.47 : >>> Probe::probe_down_to_z
>>> do_blocking_move_to X86.67 Y120.00 Z-8.55
<<< do_blocking_move_to
echo:busy: processing
  current_position= X86.67 Y120.00 Z1.41 : sync_plan_position
  current_position= X86.67 Y120.00 Z1.41 : <<< Probe::probe_down_to_z
  current_position= X86.67 Y120.00 Z1.41 : <<< run_z_probe
>>> do_blocking_move_to X86.67 Y120.00 Z6.42
<<< do_blocking_move_to
echo:busy: processing
<<< Probe::probe_at_point
>>> Probe::probe_at_point(203.33, 100.00, raise, 0, probe_relative)
  current_position= X86.67 Y120.00 Z6.42 :
>>> do_blocking_move_to X173.33 Y120.00 Z6.42
<<< do_blocking_move_to
  current_position= X173.33 Y120.00 Z6.42 : Probe::set_deployed
deploy: 1
  current_position= X173.33 Y120.00 Z6.42 : >>> Probe::run_z_probe
  current_position= X173.33 Y120.00 Z6.42 : >>> Probe::probe_down_to_z
>>> do_blocking_move_to X173.33 Y120.00 Z-8.55
<<< do_blocking_move_to
echo:busy: processing
echo:busy: processing
  current_position= X173.33 Y120.00 Z1.47 : sync_plan_position
  current_position= X173.33 Y120.00 Z1.47 : <<< Probe::probe_down_to_z
  current_position= X173.33 Y120.00 Z1.47 : <<< run_z_probe
>>> do_blocking_move_to X173.33 Y120.00 Z6.47
<<< do_blocking_move_to
<<< Probe::probe_at_point
>>> Probe::probe_at_point(290.00, 100.00, raise, 0, probe_relative)
  current_position= X173.33 Y120.00 Z6.47 :
>>> do_blocking_move_to X260.00 Y120.00 Z6.47
<<< do_blocking_move_to
echo:busy: processing
  current_position= X260.00 Y120.00 Z6.47 : Probe::set_deployed
deploy: 1
  current_position= X260.00 Y120.00 Z6.47 : >>> Probe::run_z_probe
  current_position= X260.00 Y120.00 Z6.47 : >>> Probe::probe_down_to_z
>>> do_blocking_move_to X260.00 Y120.00 Z-8.55
```

```
<<< do_blocking_move_to
echo:busy: processing
  current_position= X260.00 Y120.00 Z1.58 : sync_plan_position
  current_position= X260.00 Y120.00 Z1.58 : <<< Probe::probe_down_to_z
  current_position= X260.00 Y120.00 Z1.58 : <<< run_z_probe
>>> do_blocking_move_to X260.00 Y120.00 Z6.59
<<< do_blocking_move_to
echo:busy: processing
<<< Probe::probe_at_point
>>> Probe::probe_at_point(290.00, 190.00, raise, 0, probe_relative)
  current_position= X260.00 Y120.00 Z6.59 :
>>> do_blocking_move_to X260.00 Y210.00 Z6.59
<<< do_blocking_move_to
  current_position= X260.00 Y210.00 Z6.59 : Probe::set_deployed
deploy: 1
  current_position= X260.00 Y210.00 Z6.59 : >>> Probe::run_z_probe
  current_position= X260.00 Y210.00 Z6.59 : >>> Probe::probe_down_to_z
>>> do_blocking_move_to X260.00 Y210.00 Z-8.55
<<< do_blocking_move_to
echo:busy: processing
echo:busy: processing
  current_position= X260.00 Y210.00 Z1.68 : sync_plan_position
  current_position= X260.00 Y210.00 Z1.68 : <<< Probe::probe_down_to_z
  current_position= X260.00 Y210.00 Z1.68 : <<< run_z_probe
>>> do_blocking_move_to X260.00 Y210.00 Z6.68
<<< do_blocking_move_to
<<< Probe::probe_at_point
>>> Probe::probe_at_point(203.33, 190.00, raise, 0, probe_relative)
  current_position= X260.00 Y210.00 Z6.68 :
>>> do_blocking_move_to X173.33 Y210.00 Z6.68
<<< do_blocking_move_to
echo:busy: processing
  current_position= X173.33 Y210.00 Z6.68 : Probe::set_deployed
deploy: 1
  current_position= X173.33 Y210.00 Z6.68 : >>> Probe::run_z_probe
  current_position= X173.33 Y210.00 Z6.68 : >>> Probe::probe_down_to_z
>>> do_blocking_move_to X173.33 Y210.00 Z-8.55
<<< do_blocking_move_to
echo:busy: processing
  current_position= X173.33 Y210.00 Z1.52 : sync_plan_position
  current_position= X173.33 Y210.00 Z1.52 : <<< Probe::probe_down_to_z
  current_position= X173.33 Y210.00 Z1.52 : <<< run_z_probe
>>> do_blocking_move_to X173.33 Y210.00 Z6.52
<<< do_blocking_move_to
echo:busy: processing
<<< Probe::probe_at_point
>>> Probe::probe_at_point(116.67, 190.00, raise, 0, probe_relative)
```

```
current_position= X173.33 Y210.00 Z6.52 :
>>> do_blocking_move_to X86.67 Y210.00 Z6.52
<<< do_blocking_move_to
current_position= X86.67 Y210.00 Z6.52 : Probe::set_deployed
deploy: 1
current_position= X86.67 Y210.00 Z6.52 : >>> Probe::run_z_probe
current_position= X86.67 Y210.00 Z6.52 : >>> Probe::probe_down_to_z
>>> do_blocking_move_to X86.67 Y210.00 Z-8.55
<<< do_blocking_move_to
echo:busy: processing
current_position= X86.67 Y210.00 Z1.33 : sync_plan_position
current_position= X86.67 Y210.00 Z1.33 : <<< Probe::probe_down_to_z
current_position= X86.67 Y210.00 Z1.33 : <<< run_z_probe
>>> do_blocking_move_to X86.67 Y210.00 Z6.33
<<< do_blocking_move_to
echo:busy: processing
<<< Probe::probe_at_point
>>> Probe::probe_at_point(30.00, 190.00, raise, 0, probe_relative)
current_position= X86.67 Y210.00 Z6.33 :
>>> do_blocking_move_to X0.00 Y210.00 Z6.33
<<< do_blocking_move_to
echo:busy: processing
current_position= X0.00 Y210.00 Z6.33 : Probe::set_deployed
deploy: 1
current_position= X0.00 Y210.00 Z6.33 : >>> Probe::run_z_probe
current_position= X0.00 Y210.00 Z6.33 : >>> Probe::probe_down_to_z
>>> do_blocking_move_to X0.00 Y210.00 Z-8.55
<<< do_blocking_move_to
echo:busy: processing
current_position= X0.00 Y210.00 Z1.28 : sync_plan_position
current_position= X0.00 Y210.00 Z1.28 : <<< Probe::probe_down_to_z
current_position= X0.00 Y210.00 Z1.28 : <<< run_z_probe
>>> do_blocking_move_to X0.00 Y210.00 Z6.28
<<< do_blocking_move_to
echo:busy: processing
<<< Probe::probe_at_point
>>> Probe::probe_at_point(30.00, 280.00, raise, 0, probe_relative)
current_position= X0.00 Y210.00 Z6.28 :
>>> do_blocking_move_to X0.00 Y300.00 Z6.28
<<< do_blocking_move_to
current_position= X0.00 Y300.00 Z6.28 : Probe::set_deployed
deploy: 1
current_position= X0.00 Y300.00 Z6.28 : >>> Probe::run_z_probe
current_position= X0.00 Y300.00 Z6.28 : >>> Probe::probe_down_to_z
>>> do_blocking_move_to X0.00 Y300.00 Z-8.55
<<< do_blocking_move_to
echo:busy: processing
```



```
current_position= X0.00 Y300.00 Z1.78 : sync_plan_position
current_position= X0.00 Y300.00 Z1.78 : <<< Probe::probe_down_to_z
current_position= X0.00 Y300.00 Z1.78 : <<< run_z_probe
>>> do_blocking_move_to X0.00 Y300.00 Z6.78
<<< do_blocking_move_to
echo:busy: processing
<<< Probe::probe_at_point
>>> Probe::probe_at_point(116.67, 280.00, raise, 0, probe_relative)
current_position= X0.00 Y300.00 Z6.78 :
>>> do_blocking_move_to X86.67 Y300.00 Z6.78
<<< do_blocking_move_to
current_position= X86.67 Y300.00 Z6.78 : Probe::set_deployed
deploy: 1
current_position= X86.67 Y300.00 Z6.78 : >>> Probe::run_z_probe
current_position= X86.67 Y300.00 Z6.78 : >>> Probe::probe_down_to_z
>>> do_blocking_move_to X86.67 Y300.00 Z-8.55
<<< do_blocking_move_to
echo:busy: processing
echo:busy: processing
current_position= X86.67 Y300.00 Z1.51 : sync_plan_position
current_position= X86.67 Y300.00 Z1.51 : <<< Probe::probe_down_to_z
current_position= X86.67 Y300.00 Z1.51 : <<< run_z_probe
>>> do_blocking_move_to X86.67 Y300.00 Z6.51
<<< do_blocking_move_to
<<< Probe::probe_at_point
>>> Probe::probe_at_point(203.33, 280.00, raise, 0, probe_relative)
current_position= X86.67 Y300.00 Z6.51 :
>>> do_blocking_move_to X173.33 Y300.00 Z6.51
<<< do_blocking_move_to
echo:busy: processing
current_position= X173.33 Y300.00 Z6.51 : Probe::set_deployed
deploy: 1
current_position= X173.33 Y300.00 Z6.51 : >>> Probe::run_z_probe
current_position= X173.33 Y300.00 Z6.51 : >>> Probe::probe_down_to_z
>>> do_blocking_move_to X173.33 Y300.00 Z-8.55
<<< do_blocking_move_to
echo:busy: processing
current_position= X173.33 Y300.00 Z1.65 : sync_plan_position
current_position= X173.33 Y300.00 Z1.65 : <<< Probe::probe_down_to_z
current_position= X173.33 Y300.00 Z1.65 : <<< run_z_probe
>>> do_blocking_move_to X173.33 Y300.00 Z6.65
<<< do_blocking_move_to
echo:busy: processing
<<< Probe::probe_at_point
>>> Probe::probe_at_point(290.00, 280.00, raise, 0, probe_relative)
current_position= X173.33 Y300.00 Z6.65 :
>>> do_blocking_move_to X260.00 Y300.00 Z6.65
```

```

<<< do_blocking_move_to
  current_position= X260.00 Y300.00 Z6.65 : Probe::set_deployed
deploy: 1
  current_position= X260.00 Y300.00 Z6.65 : >>> Probe::run_z_probe
  current_position= X260.00 Y300.00 Z6.65 : >>> Probe::probe_down_to_z
>>> do_blocking_move_to X260.00 Y300.00 Z-8.55
<<< do_blocking_move_to
echo:busy: processing
  current_position= X260.00 Y300.00 Z1.86 : sync_plan_position
  current_position= X260.00 Y300.00 Z1.86 : <<< Probe::probe_down_to_z
  current_position= X260.00 Y300.00 Z1.86 : <<< run_z_probe
>>> do_blocking_move_to X260.00 Y300.00 Z6.86
<<< do_blocking_move_to
echo:busy: processing
<<< Probe::probe_at_point
  current_position= X260.00 Y300.00 Z6.86 : Probe::set_deployed
deploy: 0
>>> do_blocking_move_to X260.00 Y300.00 Z6.86
<<< do_blocking_move_to
  current_position= X260.00 Y300.00 Z6.86 : > probing complete
Bilinear Leveling Grid:
  0   1   2   3
0 +0.330 +0.110 +0.192 +0.235
1 +0.015 -0.035 +0.017 +0.135
2 -0.173 -0.120 +0.072 +0.227
3 +0.332 +0.062 +0.205 +0.410
G29 uncorrected Z:6.86
corrected Z:6.52
  current_position= X260.00 Y300.00 Z6.52 : sync_plan_position
<<< G29

```