

Brief of LCD Menu

ZONESTAR 3D Printer DIY Kit

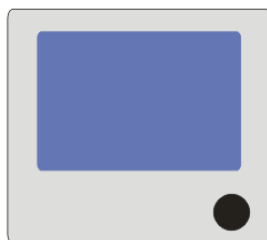
Ver: 2

(For Marlin firmware)





LCD2004 with knob



LCD12864 with knob



OLED 12864 with knob

Operation and Function	
Operation	Function
Clockwise rotation	Menu item+ / Value +
Counterclockwise rotation	Menu item+ / Value -
Push	Open Menu /Enter



LCD screen and Keypad

For LCD2004



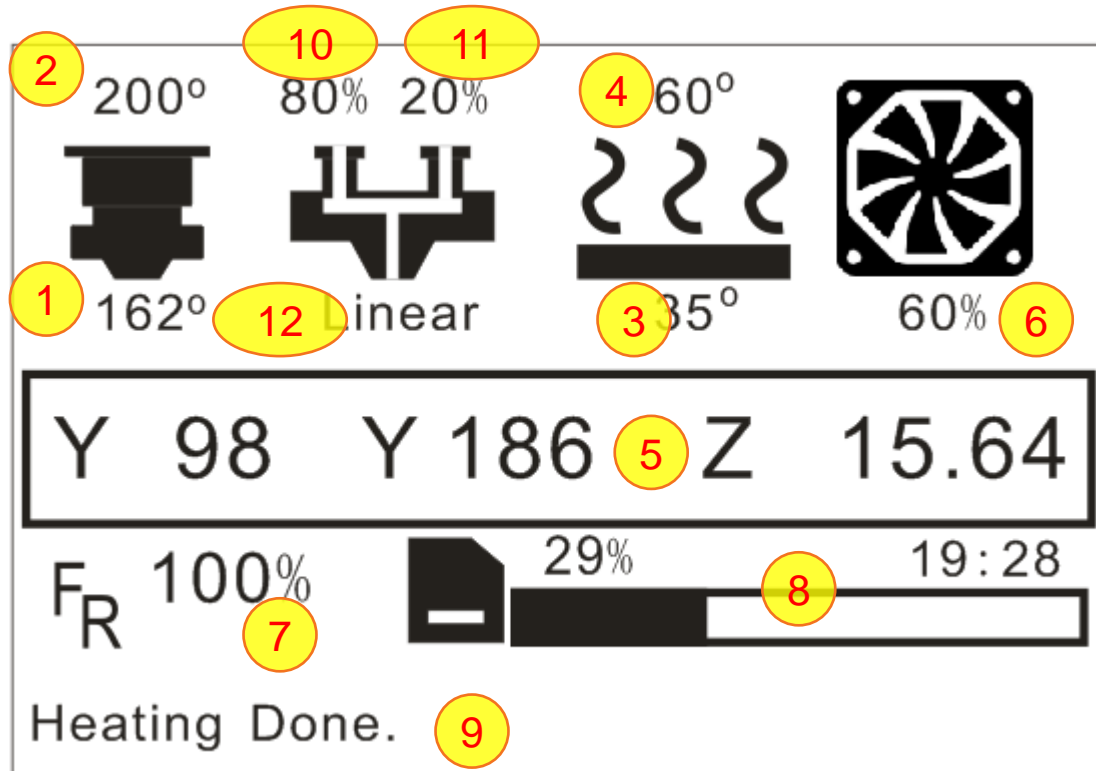
fig	Description
1	Current hotend temperature (There are 2 postion in dual nozzle printer)
2	Setting hotend temperature (There are 2 postion in dual nozzle printer)
3	Current hotbed temperature
4	Setting hotbed temperature
5	Current X Y Z position
6	Multiple of print speed
7	mix rate of extruder #1 & #2 (mixing extruder only)
8	SD card print progress
9	Status message
10	Printed time (don't show in mixing extruder printer)

NOTE: Status menu has a little different depend on the type and number of extruders.



State menu description

For LCD 128x64



NOTE: Status menu has a little different depend on the type and number of extruders.



State menu description

fig	Description
1	Current hotend temperature (There are 2 position in dual nozzle printer)
2	Setting hotend temperature (There are 2 position in dual nozzle printer)
3	Current hotbed temperature
4	Setting hotbed temperature
5	Current X Y Z position
6	Extrude fan speed
7	Multiple of print speed
8	SD card print progress
9	Status message
10	mix rate of #1 extruder (*)
11	mix rate of #2 extruder (*)
12	Auto mixing mode (**)

(*): This icon only display in mix extruder printer.

(**): Auto mixing mode only display when you print from SD card and set the auto mix mode to “1”(linear mode) or “2” (random mode)

Main Menu	Sub-Menu	Description	Remark
Main Menu	Info Screen	Return to info menu	
	Prepare	Prepare Menu	
	Control	Control Menu	
	Print from SD	SD card Menu	When SD card inserted and Initialization
	NO SD card		If SD card didn't inserted
Prepare Menu	Main	Return to Main Menu	This menu only display when the printer is on the idea status
	Move Axis	Move Axis	
	Auto Home	Goto orig position	
	Level Corners	start “bed level in corners” wizard	
	Leveling Bed	Bed Leveling(*)	
	Set Home offset	Set current postion as orig	
	Disable Steppers	power off steppers	
	Preheat PLA	Preheat for PLA filament	
	Preheat ABS	Preheat for ABS filament	

NOTE: Invalid if the proximity sensor didn't install.



Menu description

Main Menu	Sub-Menu	Description	Remark
print from SD Menu	Main	Return to info menu	This menu only display when SD card inserted and Initialization
	File name	Prepare Menu	
	Pause print	Control Menu	
	Stop print	SD card Menu	
Tune Menu	Speed	Adjusct Print speed	This menu only display when printing from SD card
	nozzle	Set nozzle temperature	
	Bed	Set bed temperature	
	Fan Speed	set FAN speed	
	Flow	Set flowrate of extruder	
	Auto mix mode(*)	Set Auto mix mode (0->Disable 1->Linear mode 2->Random mode)	
Control Menu	Main	Return to Main Menu	
	Temperature	Set temperature and FAN speed	
	Motion	Set motion parameters	
	Filament	Auto reset filament size by volume	
	Store setting	Store setting to NVRAM	
	load setting	Load filament from NVRAM	
	Restore failsafe	Restore setting	

NOTE: This menu only display when the printer use a mixing color extruder.

Menu description

