

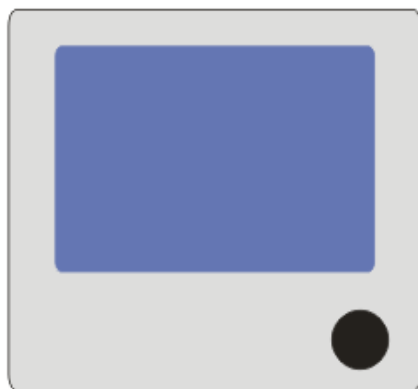
Brief of LCD Menu

ZONESTAR 3D Printer DIY Kit

Ver: 5

(Base on Marlin 2.0.x)





LCD12864 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



fig	Description
1	Current hotend temperature
2	Setting hotend temperature
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 extruders
11	Current Virtual Tool Number or Auto Mix Mode



State menu description

Menu	Sub-Menu	Description	Remark
Main Menu	Info Screen	Return to info menu	
	Motion	Prepare Menu	Only shows on ideal status
	Pause Print	Pause Printing	Only shows on printing
	Stop Print	Stop Printing	Only shows on printing
	Tune	Tune parameter when printing	Only shows on printing/Motion
	Temperature	Control Menu	
	Mixer*	Mixing Settings	Only available in mixing printer.
	Configuration	Set the printer parameter	
	Change Filament	A wizard to help change filament	
	About printer	Printer infomations	
	Change Media	Press it before remove the SD card from control board	Only shows on ideal status
	Switch Power off	Power off the printer (only control board)	Only available has power button
	Print From Media	Press it to start to print from SD card.	Only shows on ideal status
Pop Menu	Babystep Z	double click the knob to open when printing	Only available when printing

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Menu description

Menu	Sub-Menu	Description	Remark
Motion	Move Axis	Move X/Y/Z/Extruder motor	Need to heat nozzle before moving extruder
	Auto HOME	Do homing for all X/Y/Z	
	HOME X/Y/Z	Homing X/Y/Z separately	
	Level Corners	Move the nozzle to near the corners of hotbed	Adjust the screws under the bed to level it
	Catch Z probe offset	Catch the probe Z offset	
	Level bed	Do a bed auto leveling processing	Only for bed leveling sensor installed
	Probe Z offset	Adjust probe Z offset	
	Bed leveling: Off(ON)	If a Bed leveling has done	Apply the Z axis error when show "ON"
	Disable Motor	Turn off the power of stepper motors	
Temperature	Nozzle	Set nozzle temperature	
	Bed	Set bed temperature	
	Fan Speed	Set extruder FAN speed	Cooling fan is control automatically
	Preheat PLA/ABS	Preheat the hotbed and/or hotbed	
Mixer	Active V tool	Set the current work V Tool	These menu only showed when the printer has mixing feature, about the detail, please refer to the mixing feature user guide.
	Mix	Set Mixing parameter setting	
	Gradient: disable	Set Gradient mixing parameters	
	Random Mix: disable	Set Random mixing parameters	



Menu description

Menu	Sub-Menu	Description	Remark
Configuration	Advanced Settings		
	Run out sensor: On/Off	Turn on/off the filament run out detection feature	* Refer to “Filament Run out feature”
	Outage Recovery: On/Off	Turn on/off power loss recover feature	* Refer to “Power loss Resume feature”
	Preheat PLA/ABS Conf	Set preheat parameters	
	Store Settings	Store the configuration to NVRAM of control board	Do it after you modified parameter!
	Load Settings	Load the NVRAM setting to the printer	
	Restore Default	Reset the setting to the default	
Tune	Speed	Adjust the print speed	Percentage of speed based on gcode
	Nozzle	Nozzle temperature	
	Bed	Hotbed temperature	
	Fan Speed	Extruder fan speed	
	Flow	Extruder flow rate	Percentage of flow value based on gcode
	Babystep Z	Fine tune the Z height	



Menu description