🌐 Choose language

DWIN LCD Menu Description (MENU V3)

Main Menu

No.	Name	No.	Name	No.	Name	No.	Name
1	Title	2	LOGO	3	Print from SD card	4	Prepare to print
5	Machine Settings	6	Machine Information	7	Nozzle Temperature	8	Hotbed Temperature
9	Printing Speed	10	Current Z position				

Printing status Menu

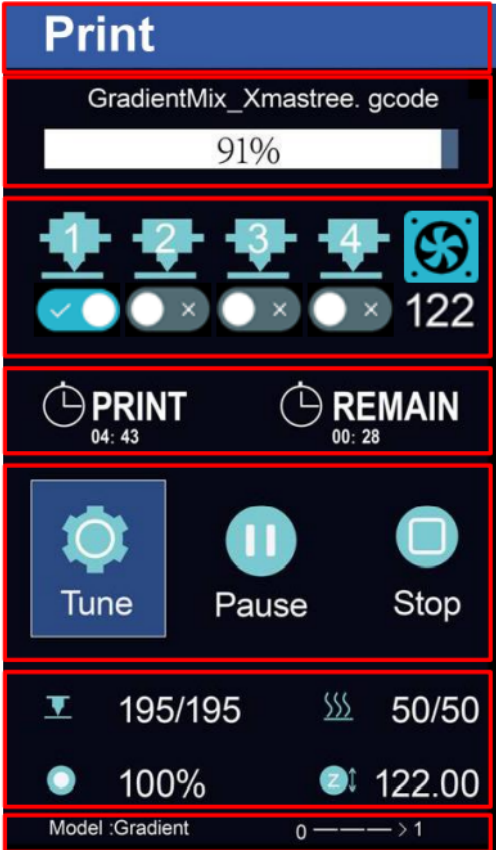⚠️ Please choose the hot end type according what you installed. By default, Z8PM4 series used a mixing color hot end.

When Hotend Type is "Mixing"

①	Title
②	Printng file name and Progress bar
③	Extruder Mix Rate and Auto Mixing mode
④	Printed timer and Remain timer
⑤	Printing controller

⑥ Set parameters	⑦ Pasue&Resume Printing	⑧ Stop Printing
⑨ Nozzle Temperature	⑩ Hotbed Temperature	
⑪ Printing Speed	⑫ Current Z position	

⑬	Status Message Bar

No.	Name	No.	Name	No.	Name	No.	Name
1	Title	2	Printing Progress bar	3	Extruder Ratio/Mix Model	4	Printed and Remain tim
5	Printing controller	6	Set parameters	7	Pasue & Resume Printing	8	Stop Printing
9	Nozzle Temperature	10	Hotbed Temperature	11	Printing Speed	12	Current Z position
13	Status Message						

When Hotend Type is "Non-mixing"

No.	Name	No.	Name	No.	Name	No.	Name
1	Title	2	Printing Progress bar	3	Extruder status/FAN Speed	4	Printed and Remain tim
5	Printing controller	6	Set parameters	7	Pasue & Resume Printing	8	Stop Printing
9	Nozzle Temperature	10	Hotbed Temperature	11	Printing Speed	12	Current Z position
13	Status Message						

Menu

Prepare Menu

- **Prepare Menu Tree**

```
Prepare
   |
   |--Auto Home--------|--HOME ALL              HOME all axis at once
   |                   |--HOME X                HOME X axis
   |                   |--HOME Y                HOME Y axis
   |                   |--HOME Z                HOME Z axis
   |
   |--Temperature------|--Nozzle Temp           Set Nozzle(hotend) Temperature
   |                   |--Bed Temp              Set Hotbed Temperature
```

```
    |                         |--Fan Speed              Set Extruder Fan Speed
    |                         |--PreHeat PLA            Set Nozzle/Hotbed temperature
    for PLA filament(See "Control >>Preheat PLA")
    |                         |--PreHeat ABS            Set Nozzle/Hotbed temperature
    for ABS filament(See "control >>Preheat ABS")
    |                         |--Cooldown               Turn off Hotend and Hotbed Power
    at once
    |
    |--Move-------------|--Move X                       MOve X axis carrier
    |                         |--Move Y                 MOve Y axis carrier
    |                         |--Move Z                 MOve Z axis carrier
    |                         |--Extruder1              MOve Extruder #1
    |                         |--Extruder2              MOve Extruder #2
    |                         |--Extruder3              MOve Extruder #3
    |                         |--Extruder4              MOve Extruder #4
    |                         |--Extruder All           MOve All Extruders at once
    |
    |--Filament---------|--Preheat nozzle               Set the nozzle temperature and
    preheat it
    |                         |--Extruder               Choose the extruder need to be
    operatived
    |                         |--Slowly length          How long filament be load/unload
    while do "Slowly Load" & "lowly Unload"
    |                         |--Quickly length         How long filament be load/unload
    while do "Quickly Load " & " Quickly Unload"
    |                         |--Slowly Load            Load filament slowly
    |                         |--Slowly Unload          Unload filament slowly
    |                         |--Quickly Load           Load filament quickly
    |                         |--Quickly Unload         Unload filament quickly
    |
    |--Bed Leveling-----|--Point1                       Move nozzle to the bed corner 1
    (left-front)
    |                         |--Point2                 Move nozzle to the bed corner 2
    (right-front)
    |                         |--Point3                 Move nozzle to the bed corner 3
    (right-back)
    |                         |--Point4                 Move nozzle to the bed corner 4
    (right-back)
    |                         |--HOME All               HOME all axis at once
    |                         |--Catch Probe offset     Auto catch the probe (bed
    leveling sensor) Z offset
    |                         |--Probe Z-Offset         Fine tune the probe (bed
    leveling sensor) Z offset manually
    |                         |--Auto leveling          Do auto leveling measure
    |
    |--Language---------|--English                      Set menu language to English
    |                         |--Spanish                Set menu language to Spanish
    |                         |--Russian                Set menu language to Russian
    |                         |--French                 Set menu language to French
    |                         |--Portuguese             Set menu language to Portuguese
    |
    |--Disable Steppers                                 Turn off the motors power
    |--Power off                                        Turn off the machine
```

- **Prepare Menu Description**

Menu 2	Menu 3	Description
Auto Home	HOME ALL	HOME all axis at once
	HOME X	HOME X axis
	HOME Y	HOME Y axis
	HOME Z	HOME Z axis
Temperature	Nozzle Temp	Set Nozzle Temperature
	Bed Temp	Set Hotbed Temperature
	Fan Speed	Set Extruder Fan Speed
	PreHeat PLA	Set Nozzle/Hotbed temperature for PLA filament(See "Control >>Preheat PLA")
	PreHeat ABS	Set Nozzle/Hotbed temperature for ABS filament(See "control >>Preheat ABS")
	Cooldown	Turn off Hotend and Hotbed Power at once
Move	Move X	Move X axis carrier
	Move Y	Move Y axis carrier
	Move Z	Move Z axis carrier
	Extruder1	Move Extruder #1
	Extruder2	Move Extruder #2
	Extruder3	Move Extruder #3
	Extruder4	Move Extruder #4
	Extruder All	Move All Extruders at once
Filament	Preheat nozzle	Set the nozzle temperature and preheat it
	Extruder	Choose the extruder need to be moved
	Slowly length	How long filament be load/unload while do "Slowly Load" & "lowly Unload"
	Quickly length	How long filament be load/unload while do "Quickly Load " & " Quickly Unload"
	Slowly Load	Load filament slowly
	Slowly Unload	Unload filament slowly
	Quickly Load	Load filament quickly

Menu 2	Menu 3	Description
	Quickly Unload	Unload filament quickly
Bed Leveling	Point1	Move nozzle to the bed corner 1 (left-front)
	Point2	Move nozzle to the bed corner 2 (right-front)
	Point3	Move nozzle to the bed corner 3 (right-back)
	Point4	Move nozzle to the bed corner 4 (right-back)
	HOME All	HOME all axis at once
	Catch Probe offset	Auto catch the probe (bed leveling sensor) Z offset
	Probe Z-Offset	Fine tune the probe (bed leveling sensor) Z offset manually
	Auto leveling	Do auto leveling measure
Language	English	Set menu language to English
	Spanish	Set menu language to Spanish
	Russian	Set menu language to Russian
	French	Set menu language to French
	Portuguese	Set menu language to Portuguese
Disable Steppers		Turn off the motors power
Power off		Turn off the machine

Control Menu

- **Control Menu Tree**

```
Control
  |
  |--Mixer*-----------|--Mix                    Set mix rates of each extruder
and commit to V-TOOL
  |                   |--Gradient(ON/OFF)       Start a Gradient mix printing
and set paremeters
  |                   |--Random (ON/OFF)        Start a Random mix printing
and set paremeters
  |                   |--Current V-TOOL         Set current(working) V-TOOL
  |
  | *Display only when "Control>> Configure >>Hotend type: mixing", see
  "Control>>Configure
  |
  |--Configre---------|--Auto Retract           Set Auto Retraction parameters
  |                   |--Runout Sensor          Turn ON/OFF filament run out
 detection feature
```

```
    |                         |--PowerLoss Recovery        Turn ON/OFF Power lost
Recovery feature
    |                         |--Auto Shutdown             Turn ON/OFF idel auto shut
down feature
    |                         |--WiFi                      Turn ON/OFF WiFi feature
    |                         |--WiFi BaudRate             Set WiFi Baud Rate (Need
restart printer and change the WiFi module Baud Rate)
    |                         |--Laser                     Enable Laser Feature (Turn it
On when doing Laser Engraving)
    |                         |--Hotend Type               Set Hot end types (according
to your hot end type)
    |                         |--Extr. Sequence            Change Extruder Sequence (only
work on Non-Mixing Color hotend)
    |                         |--Home offset               Set the X/Y/Z HOME offset
    |                         |--Probe offset              Set the probe (bed leveling
sensor)
    |                         |--Auto Leveling             Turn ON/OFF bed auto leveling
feature
    |                         |--Active Auto Level         Active bed auto leveling
correct when printing
    |                         |--Hotend PID               Set the hotend PID parameters
    |
    |--Motion-----------|--Feedrate                       Set printing speed limiting
parameters
    |                         |--Acceleration             Set acceleration limiting
parameters
    |                         |--Jerk                      Set Jerk parameters
    |                         |--Step/mm                   Set Steps/mm parameters of
stepping motors
    |
    |--Preheat PLA------|--Nozzle Temp                    Set nozzle temperature when do
"Preheat PLA" on Prepare menu
    |                         |--Bed Temp                  Set Bed temperature when do
"Preheat PLA" on Prepare menu
    |                         |--Fan Speed                 Set FAN speed when do "Preheat
PLA" on Prepare menu
    |                         |--Store Settings            Store above settings
    |
    |--Preheat ABS------|--Nozzle Temp                    Set nozzle temperature when do
"Preheat ABS" on Prepare menu
    |                         |--Bed Temp                  Set Bed temperature when do
"Preheat ABS" on Prepare menu
    |                         |--Fan Speed                 Set FAN speed when do "Preheat
ABS" on Prepare menu
    |                         |--Store Settings            Store above settings
    |
    |--Store Settings                                      Save the settings
    |--Load Settings                                       Load the settings from NVRAM
(maybe it has been changed by Gcode command)
    |--Restore Default                                     Reset NVRAM settings to the
factory status
```

- **Control Menu Description**

Menu 2	Menu 3	Description
Mixer*	Set V-Tool	Set mix rates of each extruder and commit to V-TOOL
	Current V-TOOL	Set current(working) V-TOOL
	Gradient(ON/OFF)	Start a Gradient mix printing and set paremeters
	Random (ON/OFF)	Start a Random mix printing and set paremeters
Configre	Auto Retract	Set Auto Retraction parameters
	Runout Sensor	Turn ON/OFF filament run out detection feature
	PowerLoss Recovery	Turn ON/OFF Power lost Recovery feature
	Auto Shutdown	Turn ON/OFF power auto shut down feature
	WiFi	Turn ON/OFF WiFi feature
	WiFi BaudRate	Set WiFi Baud Rate (Need restart printer and change the WiFi module Baud Rate)
	Laser	Enable Laser Feature (Turn it On when doing Laser Engraving)
	Hotend Type	Set Hot end types (according to the hot end type installed)
	Extr. Sequence	Change Extruder Sequence (only work on Non-Mixing Color hotend)
	Home offset	Set the X/Y/Z HOME offset
	Probe offset	Set the probe (bed leveling sensor)
	Auto Leveling	Turn ON/OFF bed auto leveling feature
	Active Auto Level	Active bed auto leveling correction when printing from SD card
	Hotend PID	Set the hotend PID parameters
Motion	Feedrate	Set printing speed limiting parameters
	Acceleration	Set acceleration limiting parameters
	Jerk	Set Jerk parameters
	Step/mm	Set Steps/mm parameters of stepping motors
Preheat PLA	Nozzle Temp	Set nozzle temperature when do "Preheat PLA" on Prepare menu
	Bed Temp	Set Bed temperature when do "Preheat PLA" on Prepare menu
	Fan Speed	Set FAN speed when do "Preheat PLA" on Prepare menu
	Store Settings	Store above settings
Preheat ABS	Nozzle Temp	Set nozzle temperature when do "Preheat ABS" on Prepare menu
	Bed Temp	Set Bed temperature when do "Preheat ABS" on Prepare menu

Menu 2	Menu 3	Description
	Fan Speed	Set FAN speed when do "Preheat ABS" on Prepare menu
	Store Settings	Store above settings
Store Settings		Save the settings
Load Settings		Load the settings from NVRAM (maybe it has been changed by Gcode command)
Restore Default		Reset NVRAM settings to the factory status

*Display only when "Control>> Configure >>Hotend type: mixing", see "Control>>Configure"

Tune Menu

Tune menu only display when the machine is printing.

- **Tune Menu Tree**

```
Tune
  |
  |--Speed                    Set the ratio of printing speed
  |--Flow Rate                Set the flow rate of extruder
  |--Nozzle Temp              Set Nozzle temperature
  |--Bed Temp                 Set Bed temperature
  |--Fan Speed                Set Extruder FAN Speed
  |--Z Offset                 Tune Z offset
  |--Mixer                    Set mixer,refer to "Control>> Mixer" Menu
(only display while "Hotend type is Mixing")
  |--Configure                Tune ON/OFF parts of configurations features,
refer to "Control>> Configure" Menu
```

- **Tune Menu Description**

Menu item	Description
Speed	Set the ratio of printing speed
Flow Rate	Set the flow rate of extruder
Nozzle Temp	Set Nozzle temperature
Bed Temp	Set Bed temperature
Fan Speed	Set Extruder FAN Speed
Z Offset	Tune Z offset
Mixer	Set mixer,refer to "Control>> Mixer" Menu (only display while "Hotend type is Mixing")

Menu item	Description
Configure	Tune ON/OFF parts of configurations features, refer to "Control>> Configure" Menu