



# DWIN LCD Menu Description (MENU V3)

### Main Menu



1	Title				
2	LOGO				
3	Print from SD card	Prepare to print			
5	Machine Settings	Machine Information			
7	Nozzle Temperature	Hotbed Temperature			
9	Printing Speed	Current Z position			

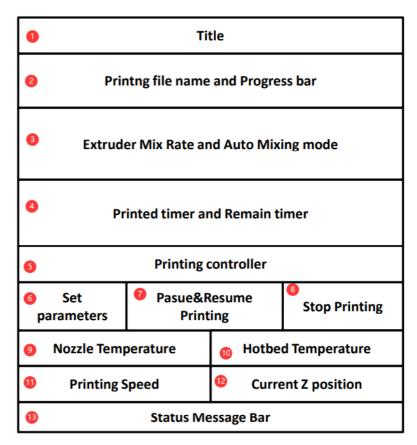
No.	Name	No.	Name	No.	Name	No.	Name
1	Title	2	LOGO	3	Print from SD card	4	Prepare to print
5	Machine Settings	6	Machine Information	7	Nozzle Temperature	8	Hotbed Temperature

No.	Name	No.	Name	No.	Name	No.	Name	
9	Printing Speed	10	Current Z position					

# Printing status Menu

When Hotend Type is "Mixing"

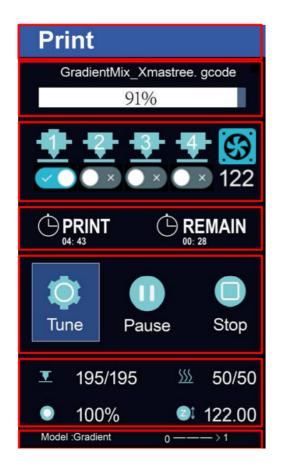




No.	Name	No.	Name	No.	Name	No.	Name
1	Title	2	Printing Progress bar	3	Extruder Ratio/Mix Model	4	Printed and Remain tim
5	Printing controller	6	Set parameters	7	Pasue & Resume Printing	8	Stop Printing
9	Nozzle Temperature	10	Hotbed Temperature	11	Printing Speed	12	Current Z position

<sup>13</sup> Status Message

When Hotend Type is "Non-mixing"



1	Title				
2	Printing file name and Progress bar				
3	Extruder Status and FAN Speed				
4	Printed time and Remain time				
5		Printing o	controller		
6 p	Set parameters	Pasue&F		Stop Printing	
9	Nozzle Tem	perature	Hotbed Temperature		
0	Printing S	speed	<sup>12</sup> Curre	ent Z position	
13		Status Me	essage Bar		

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

i i	
  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 Nozzie(notena) remperature  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
İ	Extruder2	MOve Extruder #2
i	Extruder3	MOve Extruder #3
i	Extruder4	MOve Extruder #4
i	Extruder All	MOve All Extruders at once
	7 - 27 - 27 - 27 - 27 - 27 - 27 - 27 -	
Filament	Preheat nozzle	Set the nozzle temperature and
preheat it	Trenede nozzie	See the hozzie temperature and
•	Extruder	Choose the extruder need to be
operatived	Extradel	choose the extrader need to be
•	Slowly length	How long filament be load/unload
while do "Slowly Load"		now long litament be load, anioad
	Quickly length	How long filamont he load/unload
-		How long filament be load/unload
while do "Quickly Load		Lord Cilomont clouds
	Slowly Load	Load filament slowly
	Slowly Unload	Unload filament slowly
ļ	Quickly Load	Load filament quickly
	Quickly Unload	Unload filament quickly
	l B : 14	
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
· -	Point4	Move nozzle to the bed corner 4
	Point4  HOME All	Move nozzle to the bed corner 4 HOME all axis at once
	'	
	HOME All  Catch Probe offset	HOME all axis at once
 (right-back)   	HOME All  Catch Probe offset	HOME all axis at once
 (right-back)   	HOME All  Catch Probe offset set  Probe Z-Offset	HOME all axis at once Auto catch the probe (bed
<pre>  (right-back)         leveling sensor) Z off    </pre>	HOME All  Catch Probe offset set  Probe Z-Offset	HOME all axis at once Auto catch the probe (bed
<pre>  (right-back)         leveling sensor) Z off    </pre>	HOME All  Catch Probe offset set  Probe Z-Offset set manually	HOME all axis at once Auto catch the probe (bed Fine tune the probe (bed
<pre>  (right-back)         leveling sensor) Z off    </pre>	HOME All  Catch Probe offset set  Probe Z-Offset set manually  Auto leveling	HOME all axis at once Auto catch the probe (bed Fine tune the probe (bed
<pre>  (right-back)     leveling sensor) Z off     leveling sensor) Z off      </pre>	HOME All  Catch Probe offset set  Probe Z-Offset set manually  Auto leveling	HOME all axis at once Auto catch the probe (bed  Fine tune the probe (bed  Do auto leveling measure  Set menu language to English
<pre>  (right-back)     leveling sensor) Z off     leveling sensor) Z off      </pre>	HOME All  Catch Probe offset set  Probe Z-Offset set manually  Auto leveling  English  Spainish	HOME all axis at once Auto catch the probe (bed  Fine tune the probe (bed  Do auto leveling measure  Set menu language to English Set menu language to Spainish
<pre>  (right-back)     leveling sensor) Z off     leveling sensor) Z off      </pre>	HOME All  Catch Probe offset set  Probe Z-Offset set manually  Auto leveling  English  Spainish  Russian	HOME all axis at once Auto catch the probe (bed  Fine tune the probe (bed  Do auto leveling measure  Set menu language to English Set menu language to Spainish Set menu language to Russian
<pre>  (right-back)     leveling sensor) Z off     leveling sensor) Z off      </pre>	HOME All  Catch Probe offset set  Probe Z-Offset set manually  Auto leveling  English  Spainish  Russian  French	HOME all axis at once Auto catch the probe (bed  Fine tune the probe (bed  Do auto leveling measure  Set menu language to English Set menu language to Spainish Set menu language to Russian Set menu language to French
<pre>  (right-back)     leveling sensor) Z off     leveling sensor) Z off      </pre>	HOME All  Catch Probe offset set  Probe Z-Offset set manually  Auto leveling  English  Spainish  Russian	HOME all axis at once Auto catch the probe (bed  Fine tune the probe (bed  Do auto leveling measure  Set menu language to English Set menu language to Spainish Set menu language to Russian
<pre>  (right-back)         leveling sensor) Z off     leveling sensor) Z off            Language</pre>	HOME All  Catch Probe offset set  Probe Z-Offset set manually  Auto leveling  English  Spainish  Russian  French	HOME all axis at once Auto catch the probe (bed  Fine tune the probe (bed  Do auto leveling measure  Set menu language to English Set menu language to Spainish Set menu language to Russian Set menu language to French Set menu language to Portuguese
<pre>  (right-back)     leveling sensor) Z off     leveling sensor) Z off      </pre>	HOME All  Catch Probe offset set  Probe Z-Offset set manually  Auto leveling  English  Spainish  Russian  French	HOME all axis at once Auto catch the probe (bed  Fine tune the probe (bed  Do auto leveling measure  Set menu language to English Set menu language to Spainish Set menu language to Russian Set menu language to French

# • Prepare Menu Description

Menu 2	Menu 3	Description
Auto Home	HOME ALL	HOME all axis at once
	номе х	HOME X axis
	НОМЕ Ү	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

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
	Spainish	Set menu language to Spainish
	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
```

Auto Unload ork on Non-mix color hotend PowerLoss Recovery	Auto unload filament when d) Turn ON/OFF Power lost
PowerLoss Recovery	Turn ON/OFF Power lost
	14111 011, 011 1 01101 2000
Auto Shutdown	Turn ON/OFF idel auto shut
	Turn ON/OFF WiFi feature
WiFi BaudRate	Set WiFi BaudRate (Need
e the WiFi module BaudRate	)
Hotend Type	Set Hot end types (according
Extr. Sequence	Change Extruder Sequence (only
hotend)	
Home Z offset	Set the Z HOME offset
Auto Leveling	Turn ON/OFF bed auto leveling
Active Auto Level	Active bed auto leveling
Hotend PID	Set the hotend PID parameters
Feedrate	Set printing speed limiting
Acceleration	Set acceleration limiting
Jerk	Set Jerk parameters
Step/mm	Set Steps/mm parameters of
	Set nozzle temperaturewhen do
nenu	
Bed Temp	Set Bed temperature when do
Fan Speed	Set FAN speed when do "Preheat
Store Settings	Store above settings
Nozzle Temp	Set nozzle temperaturewhen do
menu	
Bed Temp	Set Bed temperature when do
menu	
Fan Speed	Set FAN speed when do "Preheat
Store Settings	Store above settings
	Save the settings
	Load the settings from NVRAM
d by Gcode command)	
	Reset NVRAM settings to the
	WiFi WiFi BaudRate e the WiFi module BaudRate Hotend Type  Extr. Sequence hotend) Home Z offset Auto Leveling  Active Auto Level  Hotend PID  Feedrate  Acceleration  Jerk Step/mm  Nozzle Temp menu Bed Temp menu Fan Speed  Store Settings  Nozzle Temp menu Bed Temp menu Fan Speed  Store Settings  Nozzle Temp menu Bed Temp

### • Control Menu Description

Menu 2	Menu 3	Description
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
Configre	Auto Retract	Set Auto Retraction parameters
	Runout Sensor	Turn ON/OFF filament run out detection feature
	Auto Unload	Auto unload filament when printing is abort (only works on Non-mix color hot end)
	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 BaudRate (Need restart printer and change the WiFi module BaudRate)
	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 Z offset	Set the Z HOME offset
	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 temperaturewhen 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 temperaturewhen 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

<sup>\*</sup>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
                                     Set the ratio of printing speed
  |--Speed
                                     Set the flow rate of extruder
  |--Flow Rate
  |--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	