Dyna Flood XT XXXXK
Dyna Flood XT XXXXK DMX
Dyna Flood XT RGB/RGBA/RGBW/DW
Dyna Flood XT QW

User Manual

Please read the instructions carefully before use

CONTENTS

1. Safety Instruction

⚠️ Please read the instructions carefully which includes important information about the installation, operation and maintenance.

WARNING

Please keep this User Guide for future consultation. If you sell the unit to another user, be sure that they also receive this instruction booklet.

Caution:

- All fixtures are intact from the manufacturer, please operate follow up the user manual, artificial fault are not under guarantee repair.
- Unpack and check carefully there is no transportation damage before using the unit.
- This product is suitable for indoor use and wet locations. Do not immerse in water.
- DO install and operate by operator.
- Use safety chain when fixes the unit.
- The unit must be installed in a location with adequate ventilation, at least 50cm from adjacent surfaces.
- Be sure that no ventilation slots are blocked, otherwise the unit will be overheated.
- Before operating, ensure that the voltage and frequency of power supply match the power requirements of the unit.
- It's important to ground the yellow/green conductor to earth in order to avoid electric shock.
- Maximum ambient temperature Ta: 40℃. Don't operate it where the temperature is higher than this.
- DO NOT connect the device to any dimmer pack.
- First run, there will be smoke or smells, and all disappearing a few minutes later.
- Make sure there are no flammable materials close to the unit while operating, as it is fire hazard.
- Look over power wires carefully, replace immediately if there is any damage.
- Unit surface temperature may reach up to 60℃. DO NOT touch the housing bare-hand during its operation.
- Never run on for a long time lest shortening lifespan.

- Avoid any inflammable liquids, water or metal objects entering the unit. Once it happen, cut off the mains power immediately.

- DO NOT operate in dirty and dusty environment, also cleaning fixtures regularly.

- DO NOT allow children to operate the fixture.

- DO NOT touch any wire during operation as there might be a hazard of electric shock.

- Avoid power wires together around other cables.

- Replace fuse only with the same type.

- In the event of serious operating problem, stop using the unit immediately.

- Never turn on and off the unit time after time.

- The housing, the lenses, or the ultraviolet filter must be replaced if they are visibly damaged.

- DO NOT open the unit as there are no user serviceable parts inside. Never try to repair the unit by yourself. Repairs carried out by unskilled people can lead to damage or malfunction. Please contact the nearest authorized technical assistance center.

- Disconnect the mains power if the fixture is not used for a long time.

- DO use original packing materials once transport it again.

- To prevent or reduce the risk of electrical shock or fire, do not expose the unit to rain or moisture.

- DO NOT look directly at the LED light beam while the fixture is on.

Installation:

The unit should be mounted via its screw holes on the bracket. Always ensure that the unit is firmly fixed to avoid vibration and slipping while operating. Always ensure that the structure to which you are attaching the unit is secure and is able to support a weight of 10 times of the unit's weight. Also always use a safety cable that can hold 12 times of the weight of the unit when installing the fixture.

The equipment must be fixed by professionals. And it must be fixed at a place where is out of the touch of people and has no one pass by or under it.
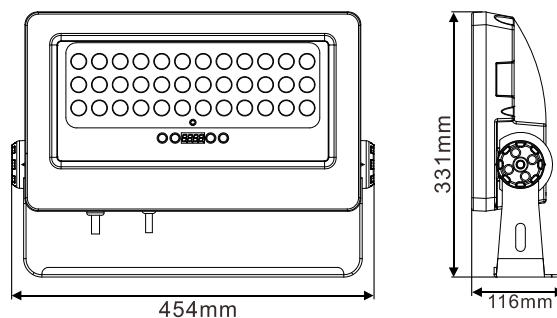
2.Techical Specfications

Dyna Flood XT XXXXK:

- **Input Voltage:**   AC 100~277V, 50/60Hz
- **Power Consumption:**   70W
- **Light Source**:   36×3W LEDs
- **Beam Angle:**   6°
- **IP Rating:**   IP66
- **Dimension**：   454×116×331mm
- **Weight:**   12.8kgs
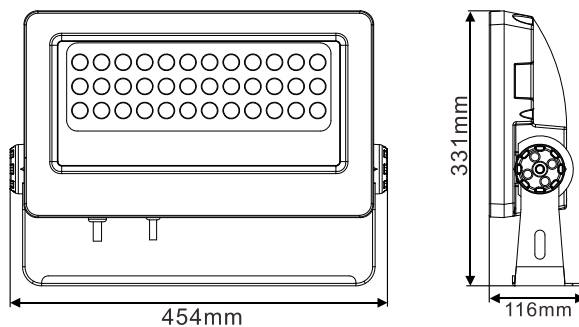
Dyna Flood XT XXXXK DMX // Dyna Flood XT RGB/RGBA/RGBW/DW:

- **Input Voltage:**   AC 100~277V, 50/60Hz
- **Power Consumption:** 70W(Dyna Flood XT XXXXK DMX)

  92W(Dyna Flood XT RGB/RGBA/RGBW/DW)

- **Light Source**:   36×3W LEDs
- **Beam Angle:**   6°
- **IP Rating:**   IP66
- **Dimension**：   454×116×331mm
- **Weight**：   12.8kgs

Dyna Flood XT QW:
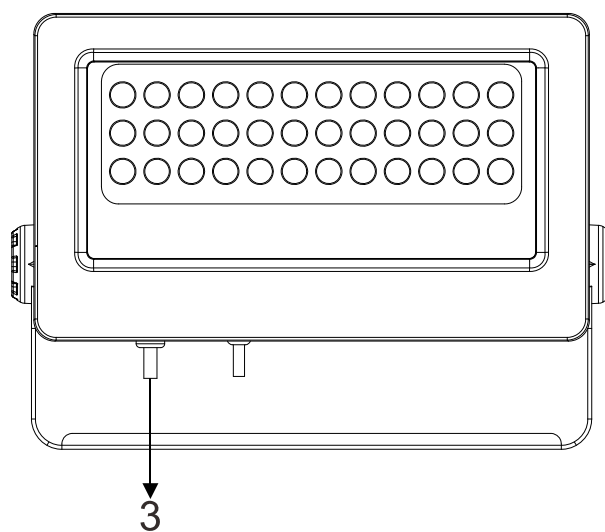
- **Input Voltage:**   AC 100~277V, 50/60Hz

- **Power Consumption:**   120W

- **Light Source**:   12×10W LEDs

- **Beam Angle:**   10°

- **IP Rating:**   IP66

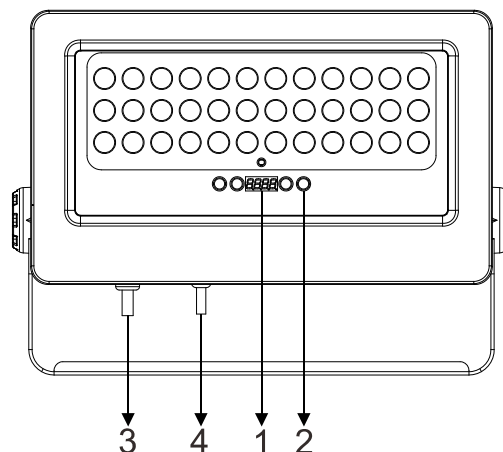- **Dimension**:   454×116×331mm

- **Weight:**   12.8kgs
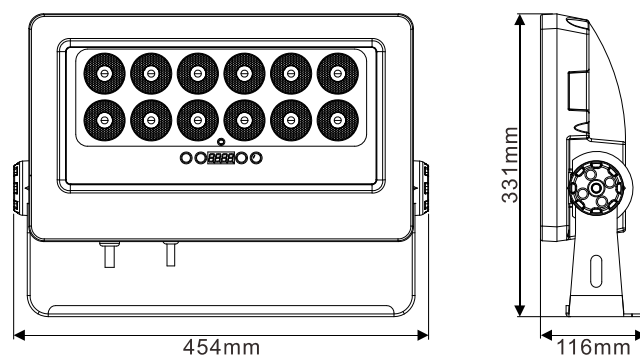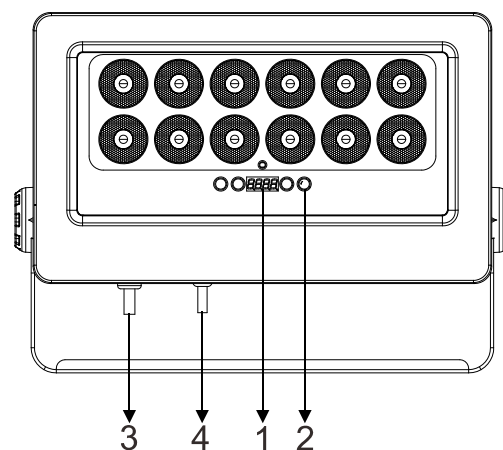

3. How To Set The Fixture

3.1 Control Panel

Dyna Flood XT XXXXK:

Dyna Flood XT XXXXK DMX // Dyna Flood XT RGB/RGBA/RGBW/DW:

Dyna Flood XT QW:

1. Display:

To show the various menus and the selected functions

2. Button:

MENU	To enter into or leave the menu
DOWN	To go forward to move down in the menu
UP	To go backward to move up in the menu
ENTER	To confirm the selected functions

3. POWER IN:

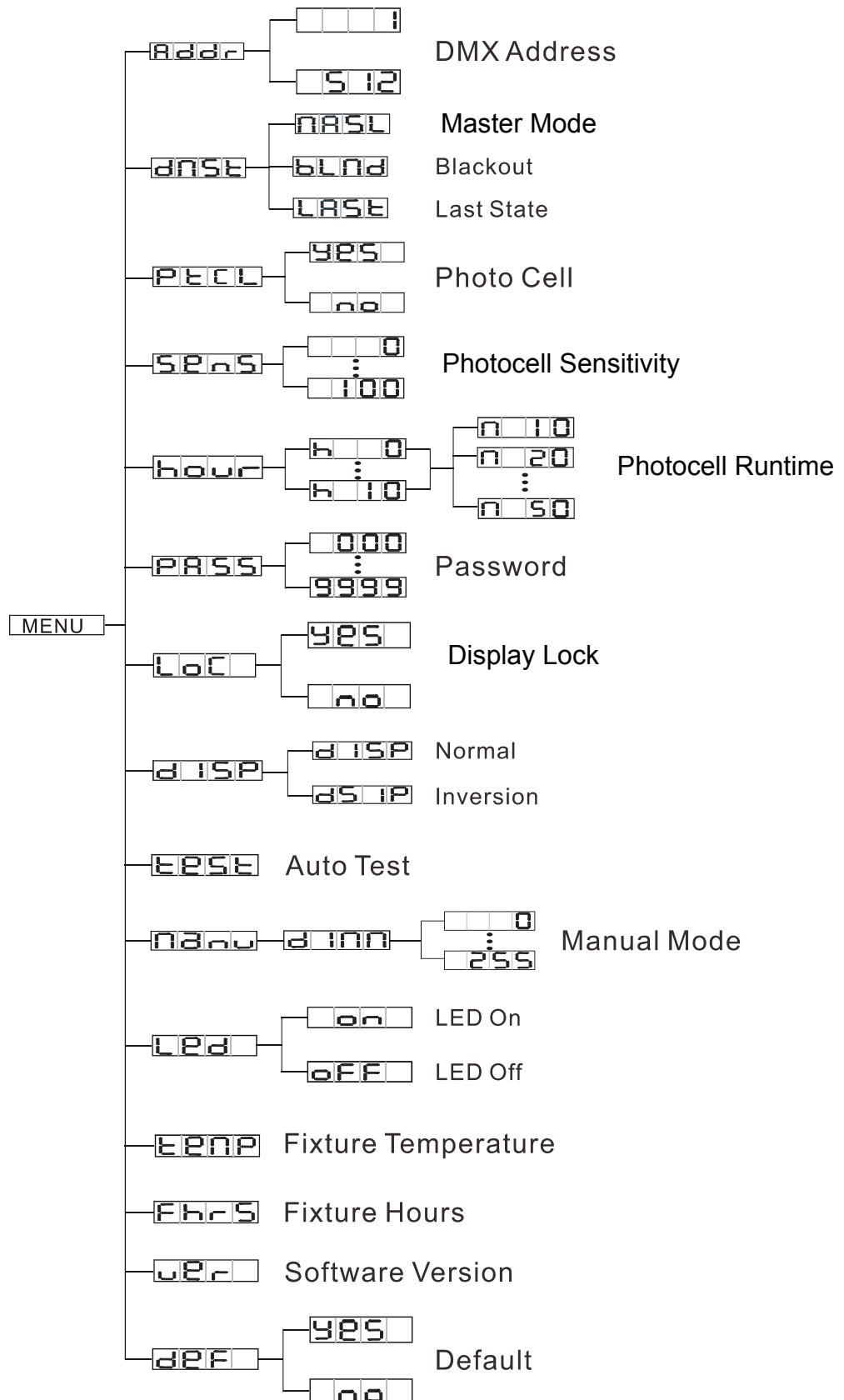Water proof connectors for power input

4. DMX IN/OUT:

Water proof connectors for DMX 512 operation, use XLR cable to link the unit together or link

the next unit

3.2 Main Functions

To select any functions, press the **MENU** button until the required one is shown on the display. Select the function by the **ENTER** button and the display will blink. Use the **DOWN** and **UP** button to change the mode. Once the required mode has been selected, press the **ENTER** button to setup or it will automatically return to the main functions without any change after idling one minute. Back to the functions without any change press the **MENU** button. The main functions are shown below:

> **Once you set Loc to 925, after running in show mode for 5 minutes without any change or restarting the unit, the key board become locked. Press the ENTER button to enable the menu, the display will show 0, press the UP and DOWN button until it shows 111, then press the ENTER to unlock.**

Dyna Flood XT XXXXK:

	`1`	
Addr		DMX Address
	`512`	
	`MASL`	Master Mode
dnSt	`bLnd`	Blackout
	`LASt`	Last State
	`yes`	
PtCL		Photo Cell
	`no`	
	`0`	
SenS	⋮	Photocell Sensitivity
	`100`	

hour
- `h 0`
  ⋮
- `h 10`
  - `n 10`
  - `n 20`
    ⋮
  - `n 50`

Photocell Runtime

	`000`	
PASS	⋮	Password
	`9999`	
	`yes`	
LoC		Display Lock
	`no`	
	`diSP`	Normal
diSP		
	`dSiP`	Inversion

tESt Auto Test

nanu — **d inn**
- `0`
  ⋮
- `255`

Manual Mode

	`on`	LED On
LEd		
	`oFF`	LED Off

tEMP Fixture Temperature

Fhr5 Fixture Hours

uer Software Version

	`yes`	
dEF		Default
	`no`	

MENU

Addr DMX Address

Select the **Addr**, press the **ENTER** button and the display will blink. Use the **DOWN** and **UP** button to adjust the DMX512 address between **1** and **512**. Once the address has been selected, press the **ENTER** button to setup or automatically exit menu mode without any change after one minute. Back to the previous functions without any change press the **MENU** button.

dNSt

Select the **dNSt**, press the **ENTER** button and the display will blink. Use the **DOWN** and **UP** button to select the **NASL**(MASTER-SLAVE: If the DMX signal is lost or power is applied, the unit will automatically go into Master Slave mode)or **bLNd**(BLACKOUT: If the DMX signal is lost or power is applied, the unit will automatically go into standby mode.）or **LASt**(LAST STATE: If the DMX signal is lost the fixture will stay in the last DMX set up. If power is applied and this mode is set, the unit will automatically go into the last DMX set up.). Once selected, press the **ENTE**R button to setup or automatically exit menu mode without any change after one minute. To go back to the functions without any change press the **MENU** button.
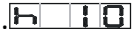
PtCL Photo Cell

Select the **PtCL**, press the **ENTER** button and the display will blink. Use the **DOWN** and **UP** button to select the **YES** (Be controlled by sunlight) or **no** (Not be controlled by sunlight)，Once select, press the **ENTER** button to setup or automatically return to the main functions without any change after one minute. Back to the previous functions press the **MENU** button.

SEnS Photo Cell Intensity

Select the **SEnS**, press the **ENTER** button and the display will blink. Use the **DOWN** and **UP** button to adjust the intensity value between **0** and **100**. Once selected, press the **ENTER** button to setup or automatically return to the main functions without any change after one minute. Back to the previous functions press the **MENU** button.

⊟⊡⊔⊏ Time Setup

Press the MENU button to show ⊟⊡⊔⊏ on the display. Press the **ENTER** button will show the hour. Press the **ENTER** and use the **DOWN** and **UP** button to select the ⊢□ (0 hour) …⊢¦□ (10 hours) mode, press the ENTER again and use the **DOWN** and **UP** button to select the ⊓¦□ (10 minutes), ⊓⊇□ (20 minutes) … ⊓⊇□ (50 minutes). Once select, press the **ENTER** button to setup or automatically return to the main functions without any change after one minute. Back to the previous functions press the **MENU** button.

⊡⊟⊆⊆ Password

Press the MENU button to show ⊡⊟⊆⊆ on the display. Press the **ENTER** button and the display will blink. Use the **DOWN** and **UP** button to change the password from the □□□ …⊒⊒⊒⊒. Once select, press the **ENTER** button to setup or automatically return to the main functions without any change after one minute. Back to the previous functions press the **MENU** button.

⌊⊡⊏ Keyboard Lock

Press the **MENU** button up to when the ⌊⊡⊏ is showing on the display. Press the **ENTER** button and the display will blink. Use the **DOWN** and **UP** button to select the ⊌⊇⊆ (lock the key board) or ⊓⊡ (normal), Once select, press the **ENTER** button to setup or automatically return to the main functions without any change after one minute. Back to the previous functions press the **MENU** button.
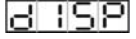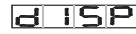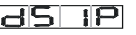
⊡¦⊆⊡ Display Inversion

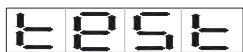Press the **MENU** button up to when the ⊡¦⊆⊡ is showing on the display. Press the **ENTER** button and the display will blink. Use the **DOWN** and **UP** button to select the ⊡¦⊆⊡ (normal) or ⊡⊆¦⊡ (inverse), Once the mode has been selected, press the **ENTER** button to setup or automatically return to the main functions without any change after one minute. To go back to the previous functions without any change press the **MENU** button.

⊢⊒⊊⊢ Auto Test

Press the **MENU** button up to when the ⊢⊒⊟⊟ is blinking on the display. Press the **ENTER** button and the unit will run self-test by built-in program. To go back to the functions press the **MENU** button again.

∏⊒∩⊔ Manual Mode

Select the ∏⊒∩⊔, press the **ENTER** button and the display will blink. Use the **DOWN** and **UP** button to select the ⊒ ∏∏ **(Dimmer).** Once selected, press the **ENTER** button to confirm, and use the **DOWN** and **UP** button to adjust the value between ⊒ and ⊒⊊⊊, then press the **ENTER** button to store, or automatically exit menu mode without any change after one minute. To go back to the functions without any change press the **MENU** button.

L⊒⊒ LED Display

Press the **MENU** button up to when the L⊒⊒ is shown on the display. Press the **ENTER** button and the display will blink. Use **DOWN** and **UP** button to select the ∩∩ (display is always on) or ∏FF (display off 20 seconds after exit menu) mode. Once select, press the **ENTER** button to setup or exit menu mode without any change after one minute. Back to the functions without any change press **MENU** button again.

⊢⊒∏⊒ Fixture Temperature

Press the **MENU** button up to when the ⊢⊒∏⊒ is blinking on the display. Press the **ENTER** button and the display will show the temperature of the unit. To go back to the functions press the **MENU** button again.

F⊢⊢⊊ Fixture Hours

Press the **MENU** button up to when the F⊢⊢⊊ is blinking on the display. Press the **ENTER** button and the display will show the number of working hours of the unit. To go back to the functions press the **MENU** button.
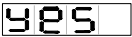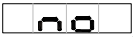
⌐⊔Ɐ⌐ **Software Version**

Press the **MENU** button up to when the **⌐⊔Ɐ⌐** is blinking on the display. Press the **ENTER** button and the display will show the version of software of the unit. To go back to the functions press the **MENU** button again.

dPF **Default**
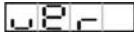
Press the **MENU** button up to when the **dPF** is showing on the display. Press the **ENTER** button and the display will blink. Use the **DOWN** and **UP** button to select the **YES** or **no**, Once select, press the **ENTER** button to setup or automatically return to the main functions without any change after one minute. Back to the previous functions press the **MENU** button.

Dyna Flood XT RGB:

```
                          ┌─────────1
              ┌─ Addr ──┤                    DMX Address
              │           └──── 512

              │           ┌─ Sh  1
              │           │                   ┌─ F   0          ┌─ U   0
              ├─ ShΠd ──┤─ Sh  2 ──────────┤     ⋮       ───┤    ⋮          Show Mode
              │           │     ⋮             └─ F255          └─ U255
              │           └─ Sh 16

              │           ┌─ ΠASL       Master Slave
              ├─ dΠSt ──┤─ bLΠd       Blackout
              │           └─ LASt       Last State

              │           ┌─ rEd
              │           │─ GrEE
              ├─ ΠanU ──┤─ bLUE ──┐   ┌───── 0
              │           │─ UhtE    ├───┤    ⋮          Manual Mode
              │           └─ d iΠΠ       └──── 255

              │           ┌─ rEd
              ├─ bALA ──┤─ GrEE ──────┌──── 125
              │           │               └──── 255          White Balance
              │           └─ bLUE

              │           ┌─ yES
              ├─ PtCL ──┤                    Photo Cell
              │           └─ no

  MENU ──┤   ┌─────────── 0
              ├─ SEnS ──┤    ⋮             Photo Cell Intensity
              │           └──── 100

              │           ┌─ h   0       ┌─ Π  10
              ├─ hour ──┤               ├─ Π  20
              │           └─ h  10       │    ⋮           Time Setup
              │                           └─ Π  50

              │           ┌─ 000
              ├─ PASS ──┤    ⋮             Password
              │           └─ 9999

              │           ┌─ yES
              ├─ LoC ───┤                    Keyboard Lock
              │           └─ no

              │           ┌─ d iSP   Normal
              ├─ d iSP ──┤                              Display
              │           └─ dS iP   Inversion

              ├─ tESt       Auto Test

              │           ┌─ on       LED On
              ├─ LEd ───┤
              │           └─ oFF      LED Off

              ├─ tΠΠP       Fixture Temperature

              ├─ FhrS       Fixture Hours

              └─ uEr        Software Version
```

13A

Addr DMX Address

Select the **Addr**, press the **ENTER** button and the display will blink. Use the **DOWN** and **UP** button to adjust the DMX512 address between **1** and **512**. Once the address has been selected, press the **ENTER** button to setup or automatically exit menu mode without any change after one minute. Back to the previous functions without any change press the **MENU** button.

ShMd Show Mode

Select the **ShMd**, press the **ENTER** button and the display will blink. Use the **DOWN** and **UP** button to select the **Sh 1** (Show 1) or **Sh 2** (Show 2)....**Sh 16** (Show 16) Mode. Once selected, press the **ENTER** button to setup. Press the **ENTER** button，**F 0** will blink on the display, use **DOWN** and **UP** button adjust the fade time (0~255); press the **ENTER** button to store and **U 0** will blink on the display, use the **DOWN** and **UP** button adjust the wait time (0~255), press the **ENTER** button to store or automatically return to the main functions without any change after one minute. To go back to the previous functions without any change press the **MENU** button.

dMSt

Select the **dMSt**, press the **ENTER** button and the display will blink. Use the **DOWN** and **UP** button to select the **MASL**(MASTER-SLAVE: If the DMX signal is lost or power is applied, the unit will automatically go into Master Slave mode)or **bLNd**(BLACKOUT: If the DMX signal is lost or power is applied, the unit will automatically go into standby mode.）or **LASt**(LAST STATE: If the DMX signal is lost the fixture will stay in the last DMX set up. If power is applied and this mode is set, the unit will automatically go into the last DMX set up.). Once selected, press the **ENTE**R button to setup or automatically exit menu mode without any change after one minute. To go back to the functions without any change press the **MENU** button.

⌂⌂⌂⌂ Manual Mode

Select the ⌂⌂⌂⌂, press the **ENTER** button and the display will blink. Use the **DOWN** and **UP** button to select the ⌐Ed⌐ **(Red)**, Gr⌐EE **(Green)**, bLuE **(Blue)**, UhEE **(White)** or d⌐⌐⌐ **(Dimmer).** Once selected, press the **ENTER** button to confirm, and use the **DOWN** and **UP** button to adjust the value between ⌐⌐⌐0 and ⌐255, then press the **ENTER** button to store, or automatically exit menu mode without any change after one minute. To go back to the functions without any change press the **MENU** button.

bALA White Balance

Select the bALA, press the **ENTER** button and the display will blink. Use the **DOWN** and **UP** button to select the ⌐Ed⌐ **(Red)**, Gr⌐EE **(Green)**, bLuE **(Blue)**. Once selected, press the **ENTER** button to confirm, and use the **DOWN** and **UP** button to adjust the value between ⌐125 and ⌐255, then press the **ENTER** button to store, or automatically return to the main functions without any change after one minute. To go back to the previous functions without any change press the **MENU** button.
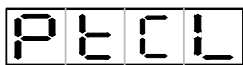
PtCL Photo Cell

Select the PtCL, press the **ENTER** button and the display will blink. Use the **DOWN** and **UP** button to select the YES⌐ (Be controlled by sunlight) or ⌐no⌐ (Not be controlled by sunlight), Once select, press the **ENTER** button to setup or automatically return to the main functions without any change after one minute. Back to the previous functions press the **MENU** button.
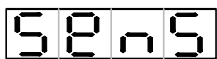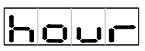
SEnS Photo Cell Intensity

Select the SEnS, press the **ENTER** button and the display will blink. Use the **DOWN** and **UP** button to adjust the intensity value between ⌐⌐⌐0 and ⌐100. Once selected, press the **ENTER** button to setup or automatically return to the main functions without any change after one minute. Back to the previous functions press the **MENU** button.

⊟⊡⊔⊏ Time Setup

Press the MENU button to show ⊟⊡⊔⊏ on the display. Press the **ENTER** button will show the hour. Press the **ENTER** and use the **DOWN** and **UP** button to select the ⊟___⊡ (0 hour) …⊟__⊟⊡ (10 hours) mode, press the ENTER again and use the **DOWN** and **UP** button to select the ⊓__⊟⊡ (10 minutes), ⊓__⊇⊡ (20 minutes) … ⊓__⊡⊡ (50 minutes). Once select, press the **ENTER** button to setup or automatically return to the main functions without any change after one minute. Back to the previous functions press the **MENU** button.

⊓⊟⊡⊡ Password

Press the MENU button to show ⊓⊟⊡⊡ on the display. Press the **ENTER** button and the display will blink. Use the **DOWN** and **UP** button to change the password from the ⊡⊡⊡⊡ …⊡⊡⊡⊡. Once select, press the **ENTER** button to setup or automatically return to the main functions without any change after one minute. Back to the previous functions press the **MENU** button.

⊔⊡⊏ Keyboard Lock

Press the **MENU** button up to when the ⊔⊡⊏ is showing on the display. Press the **ENTER** button and the display will blink. Use the **DOWN** and **UP** button to select the ⊔⊡⊡ (lock the key board) or ___⊓⊡__ (normal), Once select, press the **ENTER** button to setup or automatically return to the main functions without any change after one minute. Back to the previous functions press the **MENU** button.
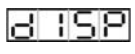
⊡⊡⊡⊓ Display Inversion

Press the **MENU** button up to when the ⊡⊡⊡⊓ is showing on the display. Press the **ENTER** button and the display will blink. Use the **DOWN** and **UP** button to select the ⊡⊡⊡⊓ (normal) or ⊡⊡⊡⊓ (inverse), Once the mode has been selected, press the **ENTER** button to setup or automatically return to the main functions without any change after one minute. To go back to the previous functions without any change press the **MENU** button.
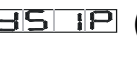
ᴛᴇЅᴛ Auto Test

Press the **MENU** button up to when the **ᴛᴇЅᴛ** is blinking on the display. Press the **ENTER** button and the unit will run self-test by built-in program. To go back to the functions press the **MENU** button again.
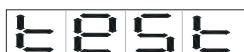
Lᴇᴅᴅ LED Display

Press the **MENU** button up to when the **Lᴇᴅ** is shown on the display. Press the **ENTER** button and the display will blink. Use **DOWN** and **UP** button to select the **on** (display is always on) or **oFF** (display off 20 seconds after exit menu) mode. Once select, press the **ENTER** button to setup or exit menu mode without any change after one minute. Back to the functions without any change press **MENU** button again.

ᴛᴇᴍᴘ Fixture Temperature

Press the **MENU** button up to when the **ᴛᴇᴍᴘ** is blinking on the display. Press the **ENTER** button and the display will show the temperature of the unit. To go back to the functions press the **MENU** button again.

Fhʀ5 Fixture Hours

Press the **MENU** button up to when the **Fhʀ5** is blinking on the display. Press the **ENTER** button and the display will show the number of working hours of the unit. To go back to the functions press the **MENU** button.
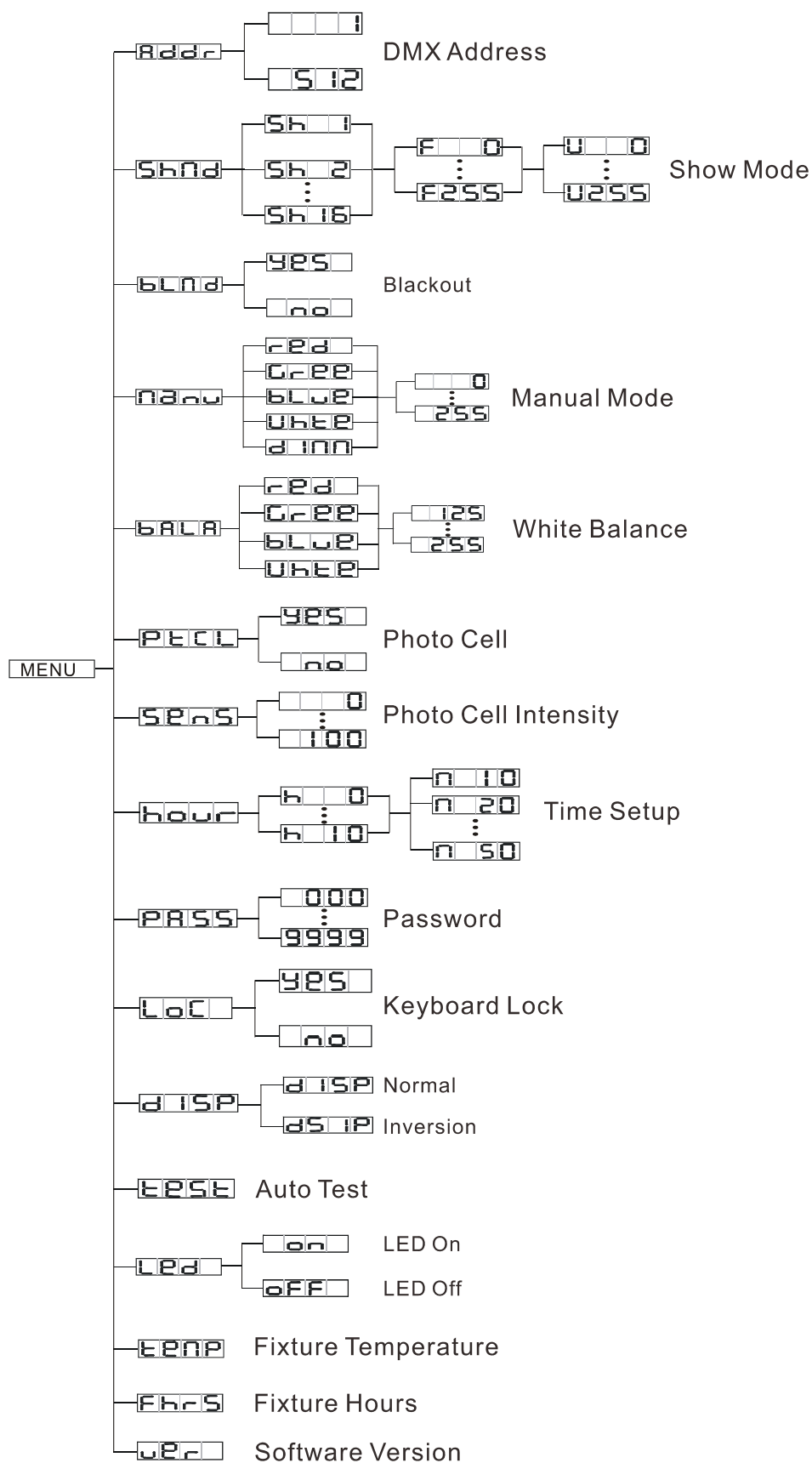
ᴜᴇʀ Software Version

Press the **MENU** button up to when the **ᴜᴇʀ** is blinking on the display. Press the **ENTER** button and the display will show the version of software of the unit. To go back to the functions press the **MENU** button again.
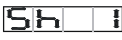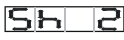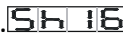
Dyna Flood XT RGBW:

```
                                    ┌─ [    1]
               ┌─ [Addr] ───────────┤              DMX Address
               │                    └─ [512]
               │
               │                    ┌─ [Sh 1]
               │                    │              ┌─ [F  0]        ┌─ [U  0]
               ├─ [ShMd] ───────────┤ [Sh 2]   ───┤          ─────┤            Show Mode
               │                    │   :          └─ [F255]        └─ [U255]
               │                    └─ [Sh16]
               │
               │                    ┌─ [Yes]
               ├─ [bLMd] ───────────┤              Blackout
               │                    └─ [no]
               │
               │                    ┌─ [red]
               │                    │ [Gree]
               │                    │              ┌─ [    0]
               ├─ [Manu] ───────────┤ [bLue]   ───┤              Manual Mode
               │                    │ [Uhte]       └─ [255]
               │                    └─ [dimm]
               │
               │                    ┌─ [red]
               │                    │ [Gree]       ┌─ [125]
               ├─ [bALA] ───────────┤ [bLue]   ───┤              White Balance
               │                    │ [Uhte]       └─ [255]
               │
               │                    ┌─ [Yes]
               ├─ [PtCL] ───────────┤              Photo Cell
    ┌──────┐   │                    └─ [no]
    │ MENU ├───┤
    └──────┘   │                    ┌─ [    0]
               ├─ [SenS] ───────────┤              Photo Cell Intensity
               │                    └─ [100]
               │
               │                    ┌─ [h  0]       ┌─ [n 10]
               ├─ [hour] ───────────┤          ────┤ [n 20]       Time Setup
               │                    └─ [h 10]       │   :
               │                                    └─ [n 50]
               │
               │                    ┌─ [000]
               ├─ [PASS] ───────────┤              Password
               │                    └─ [9999]
               │
               │                    ┌─ [Yes]
               ├─ [LoC ] ───────────┤              Keyboard Lock
               │                    └─ [no]
               │
               │                    ┌─ [dISP]  Normal
               ├─ [dISP] ───────────┤
               │                    └─ [dSIP]  Inversion
               │
               ├─ [tESt]      Auto Test
               │
               │                    ┌─ [on ]   LED On
               ├─ [LEd] ────────────┤
               │                    └─ [oFF]   LED Off
               │
               ├─ [tEMP]      Fixture Temperature
               │
               ├─ [FhrS]      Fixture Hours
               │
               └─ [Uer ]      Software Version
```

18A

Addr DMX Address

Select the **Addr**, press the **ENTER** button and the display will blink. Use the **DOWN** and **UP** button to adjust the DMX512 address between **1** and **512**. Once the address has been selected, press the **ENTER** button to setup or automatically exit menu mode without any change after one minute. Back to the previous functions without any change press the **MENU** button.

ShMd Show Mode

Select the **ShMd**, press the **ENTER** button and the display will blink. Use the **DOWN** and **UP** button to select the **Sh 1** (Show 1) or **Sh 2** (Show 2)....**Sh 16** (Show 16) Mode. Once selected, press the **ENTER** button to setup. Press the **ENTER** button，**F 0** will blink on the display, use **DOWN** and **UP** button adjust the fade time (0~255); press the **ENTER** button to store and **U 0** will blink on the display, use the **DOWN** and **UP** button adjust the wait time (0~255), press the **ENTER** button to store or automatically return to the main functions without any change after one minute. To go back to the previous functions without any change press the **MENU** button.
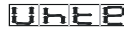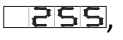
bLNd

Select the **bLNd**, press the **ENTER** button and the display will blink. Use the **DOWN** and **UP** button to select the **YES** or **no**. Once select, press the **ENTER** button to setup or automatically return to the main functions without any change after one minute. Back to the previous functions press the **MENU** button.

Manu Manual Mode

Select the **Manu**, press the **ENTER** button and the display will blink. Use the **DOWN** and **UP** button to select the **red** (Red), **Gree** (Green), **bLue** (Blue), **Uhte** (White) or **dimm** (Dimmer). Once selected, press the **ENTER** button to confirm, and use the **DOWN** and **UP** button to adjust the value between **0** and **255**, then press the **ENTER** button to store, or automatically exit menu mode without any change after one minute. To go back to the functions without any change press the **MENU** button.

�⌐ bALA White Balance

Select the **bALA**, press the **ENTER** button and the display will blink. Use the **DOWN** and **UP** button to select the **rEd** (**Red**), **GrEE** (**Green**), **bLuE** (**Blue**) or **UhtE** (**White**). Once selected, press the **ENTER** button to confirm, and use the **DOWN** and **UP** button to adjust the value between **125** and **255**, then press the **ENTER** button to store, or automatically return to the main functions without any change after one minute. To go back to the previous functions without any change press the **MENU** button.

PtCL Photo Cell

Select the **PtCL**, press the **ENTER** button and the display will blink. Use the **DOWN** and **UP** button to select the **YES** (Be controlled by sunlight) or **no** (Not be controlled by sunlight)，Once select, press the **ENTER** button to setup or automatically return to the main functions without any change after one minute. Back to the previous functions press the **MENU** button.

SEnS Photo Cell Intensity

Select the **SEnS**, press the **ENTER** button and the display will blink. Use the **DOWN** and **UP** button to adjust the intensity value between **0** and **100**. Once selected, press the **ENTER** button to setup or automatically return to the main functions without any change after one minute. Back to the previous functions press the **MENU** button.

hour Time Setup

Press the MENU button to show **hour** on the display. Press the **ENTER** button will show the hour. Press the **ENTER** and use the **DOWN** and **UP** button to select the **h 0** (0 hour) …**h 10** (10 hours) mode, press the ENTER again and use the **DOWN** and **UP** button to select the **n 10** (10 minutes), **n 20** (20 minutes) … **n 50** (50 minutes). Once select, press the **ENTER** button to setup or automatically return to the main functions without any change after one minute. Back to the previous functions press the **MENU** button.

PASS Password

Press the MENU button to show **PASS** on the display. Press the **ENTER** button and the display will blink. Use the **DOWN** and **UP** button to change the password from the **000** …**9999**. Once select, press the **ENTER** button to setup or automatically return to the main functions without any change after one minute. Back to the previous functions press the **MENU** button.

LoC Keyboard Lock

Press the **MENU** button up to when the **LoC** is showing on the display. Press the **ENTER** button and the display will blink. Use the **DOWN** and **UP** button to select the **YES** (lock the key board) or **no** (normal), Once select, press the **ENTER** button to setup or automatically return to the main functions without any change after one minute. Back to the previous functions press the **MENU** button.
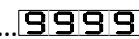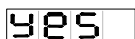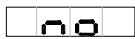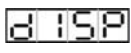
dISP Display Inversion

Press the **MENU** button up to when the **dISP** is showing on the display. Press the **ENTER** button and the display will blink. Use the **DOWN** and **UP** button to select the **dISP** (normal) or **dSIP** (inverse), Once the mode has been selected, press the **ENTER** button to setup or automatically return to the main functions without any change after one minute. To go back to the previous functions without any change press the **MENU** button.

test Auto Test

Press the **MENU** button up to when the **test** is blinking on the display. Press the **ENTER** button and the unit will run self-test by built-in program. To go back to the functions press the **MENU** button again.

LEd LED Display

Press the **MENU** button up to when the **LEd** is shown on the display. Press the **ENTER** button and the display will blink. Use **DOWN** and **UP** button to select the **on** (display is always on) or **oFF** (display off 20 seconds after exit menu) mode. Once select, press the **ENTER** button to setup or exit menu mode without any change after one minute. Back to the functions without

any change press **MENU** button again.

tEMP **Fixture Temperature**

Press the **MENU** button up to when the **tEMP** is blinking on the display. Press the **ENTER** button and the display will show the temperature of the unit. To go back to the functions press the **MENU** button again.

FhrS **Fixture Hours**

Press the **MENU** button up to when the **FhrS** is blinking on the display. Press the **ENTER** button and the display will show the number of working hours of the unit. To go back to the functions press the **MENU** button.
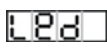
uEr **Software Version**

Press the **MENU** button up to when the **uEr** is blinking on the display. Press the **ENTER** button and the display will show the version of software of the unit. To go back to the functions press the **MENU** button again.

Dyna Flood XT DW:

	Addr	`1` / `512`	DMX Address
	dnSt	`nASL` Master Slave / `bLnd` Blackout / `LASt` Last State	
	nanu		Manual Mode
	PtCL	`yes` / `no`	Photo Cell
	SEnS	`0` / `100`	Photo Cell Intensity
	hour	`h 0` / `h 10`	`n 10` / `n 20` / `n 50` Time Setup
MENU	**PASS**	`000` / `9999`	Password
	LoC	`yes` / `no`	Keyboard Lock
	diSP	`diSP` Normal / `dSiP` Inversion	
	tESt		Auto Test
	LEd	`on` LED On / `oFF` LED Off	
	tEnP		Fixture Temperature
	FhrS		Fixture Hours
	uEr		Software Version

Addr DMX Address

Select the **Addr**, press the **ENTER** button and the display will blink. Use the **DOWN** and **UP** button to adjust the DMX512 address between **1** and **512**. Once the address has been selected, press the **ENTER** button to setup or automatically exit menu mode without any change after one minute. Back to the previous functions without any change press the **MENU** button.

dnSt

Select the **dnSt**, press the **ENTER** button and the display will blink. Use the **DOWN** and **UP** button to select the **nASL**(MASTER-SLAVE: If the DMX signal is lost or power is applied, the unit will automatically go into Master Slave mode)or **bLnd**(BLACKOUT: If the DMX signal is lost or power is applied, the unit will automatically go into standby mode.）or **LASt**(LAST STATE: If the DMX signal is lost the fixture will stay in the last DMX set up. If power is applied and this mode is set, the unit will automatically go into the last DMX set up.). Once selected, press the **ENTE**R button to setup or automatically exit menu mode without any change after one minute. To go back to the functions without any change press the **MENU** button.

nanu Manual Mode

Select the **nanu**, press the **ENTER** button and the display will blink. Press the **ENTER** button to store, or automatically exit menu mode without any change after one minute. To go back to the functions without any change press the **MENU** button.

PtCL Photo Cell

Select the **PtCL**, press the **ENTER** button and the display will blink. Use the **DOWN** and **UP** button to select the **YES** (Be controlled by sunlight) or **no** (Not be controlled by sunlight)，Once select, press the **ENTER** button to setup or automatically return to the main functions without any change after one minute. Back to the previous functions press the **MENU** button.

⑤🅴🅽⑤ Photo Cell Intensity

Select the ⑤🅴🅽⑤, press the **ENTER** button and the display will blink. Use the **DOWN** and **UP** button to adjust the intensity value between 🄳 and 🄸🄾🄾. Once selected, press the **ENTER** button to setup or automatically return to the main functions without any change after one minute. Back to the previous functions press the **MENU** button.

🅷🅾🆄🆁 Time Setup

Press the MENU button to show 🅷🅾🆄🆁 on the display. Press the **ENTER** button will show the hour. Press the **ENTER** and use the **DOWN** and **UP** button to select the 🅷🄳 (0 hour) …🅷🄸🄾 (10 hours) mode, press the ENTER again and use the **DOWN** and **UP** button to select the 🅽🄸🄾 (10 minutes), 🅽🄶🄾 (20 minutes) … 🅽🅢🄾 (50 minutes). Once select, press the **ENTER** button to setup or automatically return to the main functions without any change after one minute. Back to the previous functions press the **MENU** button.

🅿🄰⑤⑤ Password

Press the MENU button to show 🅿🄰⑤⑤ on the display. Press the **ENTER** button and the display will blink. Use the **DOWN** and **UP** button to change the password from the 🄾🄾🄾 …🅢🅢🅢🅢. Once select, press the **ENTER** button to setup or automatically return to the main functions without any change after one minute. Back to the previous functions press the **MENU** button.

🄻🄾🄲 Keyboard Lock

Press the **MENU** button up to when the 🄻🄾🄲 is showing on the display. Press the **ENTER** button and the display will blink. Use the **DOWN** and **UP** button to select the 🆈🅴🆂 (lock the key board) or 🅽🄾 (normal), Once select, press the **ENTER** button to setup or automatically return to the main functions without any change after one minute. Back to the previous functions press the **MENU** button.

d ISP Display Inversion

Press the **MENU** button up to when the **d ISP** is showing on the display. Press the **ENTER** button and the display will blink. Use the **DOWN** and **UP** button to select the **d ISP** (normal) or **dS IP** (inverse), Once the mode has been selected, press the **ENTER** button to setup or automatically return to the main functions without any change after one minute. To go back to the previous functions without any change press the **MENU** button.

test Auto Test

Press the **MENU** button up to when the **tESt** is blinking on the display. Press the **ENTER** button and the unit will run self-test by built-in program. To go back to the functions press the **MENU** button again.

LEd LED Display

Press the **MENU** button up to when the **LEd** is shown on the display. Press the **ENTER** button and the display will blink. Use **DOWN** and **UP** button to select the **on** (display is always on) or **oFF** (display off 20 seconds after exit menu) mode. Once select, press the **ENTER** button to setup or exit menu mode without any change after one minute. Back to the functions without any change press **MENU** button again.

tEMP Fixture Temperature

Press the **MENU** button up to when the **tEMP** is blinking on the display. Press the **ENTER** button and the display will show the temperature of the unit. To go back to the functions press the **MENU** button again.

Fhrs Fixture Hours

Press the **MENU** button up to when the **Fhrs** is blinking on the display. Press the **ENTER** button and the display will show the number of working hours of the unit. To go back to the functions press the **MENU** button.
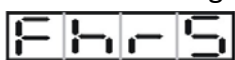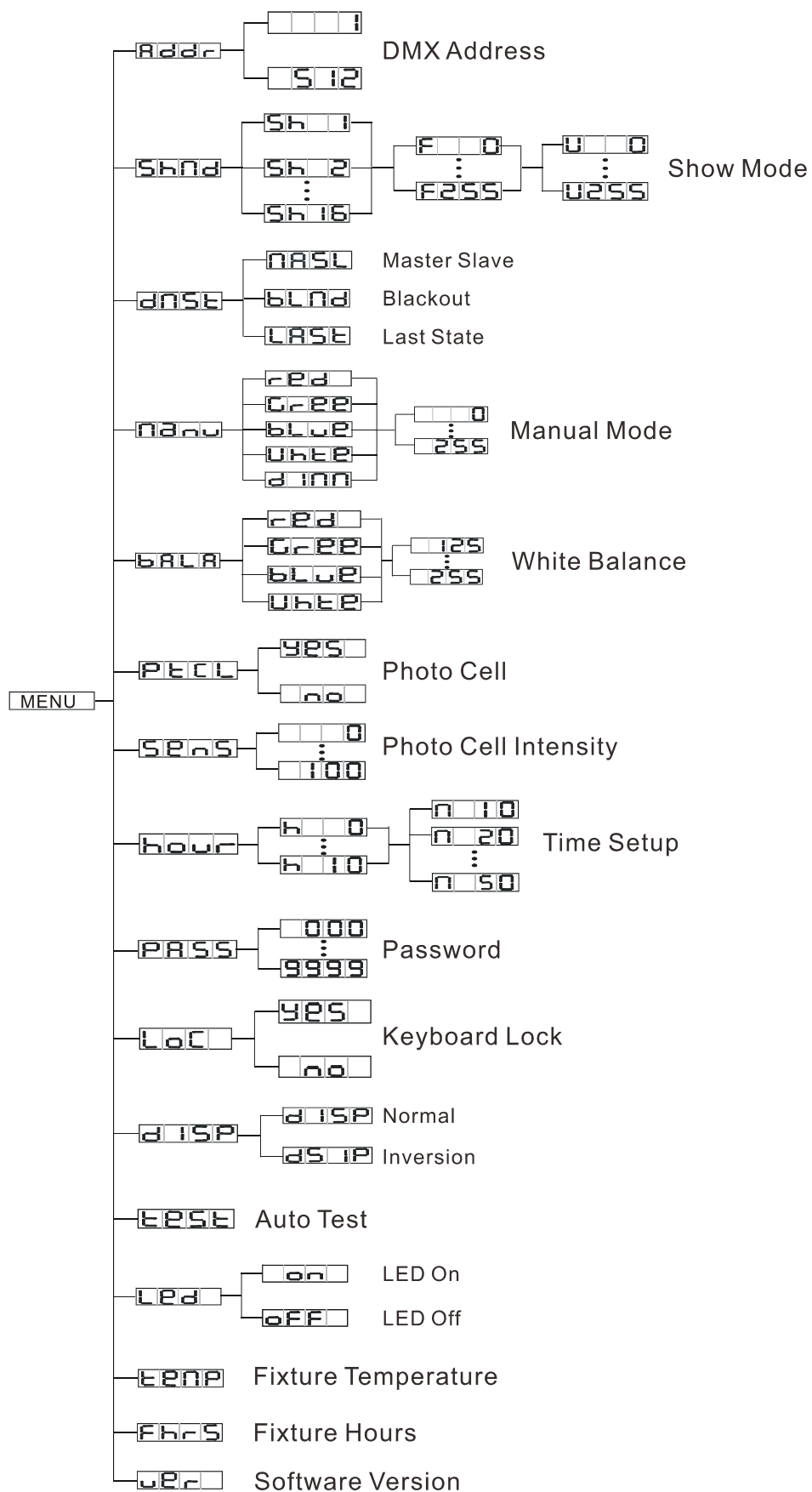
uEr Software Version

Press the **MENU** button up to when the **uEr** is blinking on the display. Press the **ENTER** button and the display will show the version of software of the unit. To go back to the functions press the **MENU** button again.

Dyna Flood XT QW:

```
                                            ┌─────1
                              ┌─── Addr ────┤                    DMX Address
                              │             └─── 512
                              │
                              │             ┌── Sh 1
                              │             │                  ┌── F  0        ┌── U  0
                              ├─── ShПd ────┤── Sh 2 ──────────┤   ⋮     ──────┤   ⋮          Show Mode
                              │             │    ⋮             └── F255        └── U255
                              │             └── Sh 16
                              │
                              │             ┌── ПASL   Master Slave
                              ├─── dПSt ────┤── bLПd   Blackout
                              │             └── LASt   Last State
                              │
                              │             ┌── red
                              │             ├── Gree
                              ├─── ПaПu ────┤── bLue ──────────┌── 0
                              │             ├── UhtE           │  ⋮             Manual Mode
                              │             └── diПП           └── 255
                              │
                              │             ┌── red
                              │             ├── Gree           ┌── 125
                              ├─── bALA ────┤── bLue ──────────┤  ⋮             White Balance
                              │             └── UhtE           └── 255
                              │
                              │             ┌── yeS
                              ├─── PtCL ────┤                   Photo Cell
                              │             └── no
                              │
        ┌─ MENU ─┤            │             ┌── 0
                              ├─── SEnS ────┤  ⋮                Photo Cell Intensity
                              │             └── 100
                              │                               ┌── П 10
                              │             ┌── h  0          ├── П 20
                              ├─── hour ────┤   ⋮      ───────┤   ⋮            Time Setup
                              │             └── h 10          └── П 50
                              │
                              │             ┌── 000
                              ├─── PASS ────┤   ⋮               Password
                              │             └── 9999
                              │
                              │             ┌── yeS
                              ├─── LoC  ────┤                   Keyboard Lock
                              │             └── no
                              │
                              │             ┌── dISP   Normal
                              ├─── dISP ────┤── dSIP   Inversion
                              │
                              ├─── tESt      Auto Test
                              │
                              │             ┌── on    LED On
                              ├─── LEd  ────┤── oFF   LED Off
                              │
                              ├─── tEПP      Fixture Temperature
                              │
                              ├─── FhrS      Fixture Hours
                              │
                              └─── uEr       Software Version
```

⊡Addr DMX Address

Select the **Addr**, press the **ENTER** button and the display will blink. Use the **DOWN** and **UP** button to adjust the DMX512 address between **⊡1** and **⊡512**. Once the address has been selected, press the **ENTER** button to setup or automatically exit menu mode without any change after one minute. Back to the previous functions without any change press the **MENU** button.

⊡ShⁿD Show Mode

Select the **ShⁿD**, press the **ENTER** button and the display will blink. Use the **DOWN** and **UP** button to select the **Sh 1** (Show 1) or **Sh 2** (Show 2)....**Sh 16** (Show 16) Mode. Once selected, press the **ENTER** button to setup. Press the **ENTER** button，**F 0** will blink on the display, use **DOWN** and **UP** button adjust the fade time (0~255); press the **ENTER** button to store and **U 0** will blink on the display, use the **DOWN** and **UP** button adjust the wait time (0~255), press the **ENTER** button to store or automatically return to the main functions without any change after one minute. To go back to the previous functions without any change press the **MENU** button.
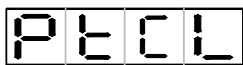
⊡dⁿSt

Select the **dⁿSt**, press the **ENTER** button and the display will blink. Use the **DOWN** and **UP** button to select the **ⁿASL**(MASTER-SLAVE: If the DMX signal is lost or power is applied, the unit will automatically go into Master Slave mode)or **bLⁿd**(BLACKOUT: If the DMX signal is lost or power is applied, the unit will automatically go into standby mode.）or **LASt**(LAST STATE: If the DMX signal is lost the fixture will stay in the last DMX set up. If power is applied and this mode is set, the unit will automatically go into the last DMX set up.). Once selected, press the **ENTE**R button to setup or automatically exit menu mode without any change after one minute. To go back to the functions without any change press the **MENU** button.

Manual Mode

Select the `Menu`, press the **ENTER** button and the display will blink. Use the **DOWN** and **UP** button to select the `red` (**Red**), `Gree` (**Green**), `bLue` (**Blue**), `Uhte` (**White)** or `dimm` (**Dimmer).** Once selected, press the **ENTER** button to confirm, and use the **DOWN** and **UP** button to adjust the value between `0` and `255`, then press the **ENTER** button to store, or automatically exit menu mode without any change after one minute. To go back to the functions without any change press the **MENU** button.

White Balance

Select the `bALA`, press the **ENTER** button and the display will blink. Use the **DOWN** and **UP** button to select the `red` (**Red**), `Gree` (**Green**), `bLue` (**Blue)** or `Uhte` (**White**). Once selected, press the **ENTER** button to confirm, and use the **DOWN** and **UP** button to adjust the value between `125` and `255`, then press the **ENTER** button to store, or automatically return to the main functions without any change after one minute. To go back to the previous functions without any change press the **MENU** button.

Photo Cell

Select the `PtCL`, press the **ENTER** button and the display will blink. Use the **DOWN** and **UP** button to select the `YES` (Be controlled by sunlight) or `no` (Not be controlled by sunlight)，Once select, press the **ENTER** button to setup or automatically return to the main functions without any change after one minute. Back to the previous functions press the **MENU** button.
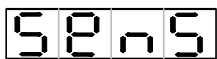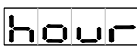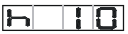
Photo Cell Intensity

Select the `SEnS`, press the **ENTER** button and the display will blink. Use the **DOWN** and **UP** button to adjust the intensity value between `0` and `100`. Once selected, press the **ENTER** button to setup or automatically return to the main functions without any change after one minute. Back to the previous functions press the **MENU** button.

⌴⌴⌴⌴ **Time Setup**

Press the MENU button to show ⌴hour⌴ on the display. Press the **ENTER** button will show the hour. Press the **ENTER** and use the **DOWN** and **UP** button to select the ⌴h⌴⌴0⌴ (0 hour) …⌴h⌴10⌴ (10 hours) mode, press the ENTER again and use the **DOWN** and **UP** button to select the ⌴n⌴10⌴ (10 minutes), ⌴n⌴20⌴ (20 minutes) … ⌴n⌴50⌴ (50 minutes). Once select, press the **ENTER** button to setup or automatically return to the main functions without any change after one minute. Back to the previous functions press the **MENU** button.
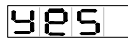
⌴PASS⌴ **Password**

Press the MENU button to show ⌴PASS⌴ on the display. Press the **ENTER** button and the display will blink. Use the **DOWN** and **UP** button to change the password from the ⌴000⌴ …⌴9999⌴. Once select, press the **ENTER** button to setup or automatically return to the main functions without any change after one minute. Back to the previous functions press the **MENU** button.
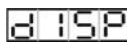
⌴LoC⌴ **Keyboard Lock**

Press the **MENU** button up to when the ⌴LoC⌴ is showing on the display. Press the **ENTER** button and the display will blink. Use the **DOWN** and **UP** button to select the ⌴YES⌴ (lock the key board) or ⌴no⌴ (normal), Once select, press the **ENTER** button to setup or automatically return to the main functions without any change after one minute. Back to the previous functions press the **MENU** button.

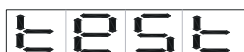⌴dISP⌴ **Display Inversion**

Press the **MENU** button up to when the ⌴dISP⌴ is showing on the display. Press the **ENTER** button and the display will blink. Use the **DOWN** and **UP** button to select the ⌴dISP⌴ (normal) or ⌴dSIP⌴ (inverse), Once the mode has been selected, press the **ENTER** button to setup or automatically return to the main functions without any change after one minute. To go back to the previous functions without any change press the **MENU** button.

tESt Auto Test

Press the **MENU** button up to when the **tESt** is blinking on the display. Press the **ENTER** button and the unit will run self-test by built-in program. To go back to the functions press the **MENU** button again.

LEd LED Display

Press the **MENU** button up to when the **LEd** is shown on the display. Press the **ENTER** button and the display will blink. Use **DOWN** and **UP** button to select the **on** (display is always on) or **oFF** (display off 20 seconds after exit menu) mode. Once select, press the **ENTER** button to setup or exit menu mode without any change after one minute. Back to the functions without any change press **MENU** button again.

tEMP Fixture Temperature

Press the **MENU** button up to when the **tEMP** is blinking on the display. Press the **ENTER** button and the display will show the temperature of the unit. To go back to the functions press the **MENU** button again.

Fhrs Fixture Hours

Press the **MENU** button up to when the **Fhrs** is blinking on the display. Press the **ENTER** button and the display will show the number of working hours of the unit. To go back to the functions press the **MENU** button.

vEr Software Version

Press the **MENU** button up to when the **vEr** is blinking on the display. Press the **ENTER** button and the display will show the version of software of the unit. To go back to the functions press the **MENU** button again.
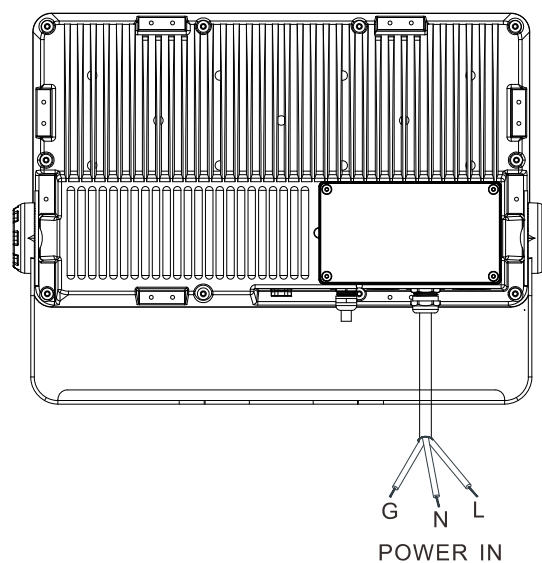
4. How To Control The Unit

You can operate the unit in three ways:
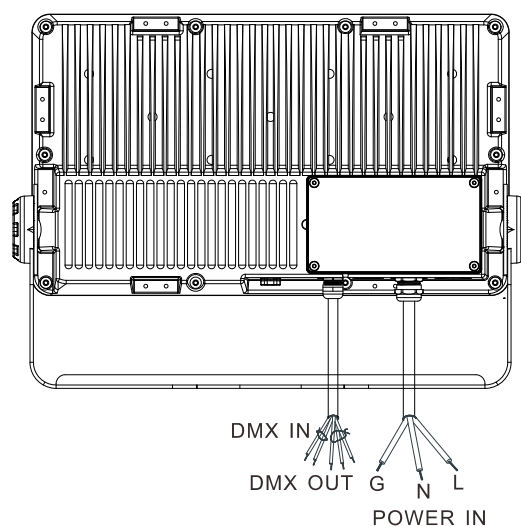
   1. Master/slave built-in preprogram function (Wired DMX connection)

   2. Easy controller - by (ADJ)VD-T controller

   3. Universal DMX controller

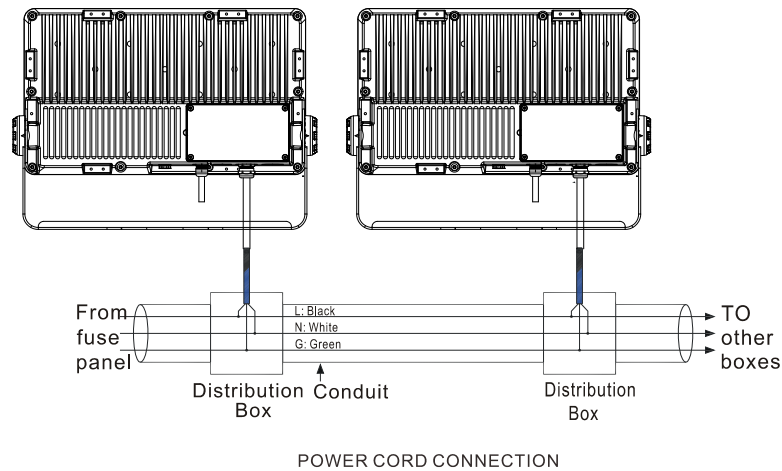## 4.1 POWER And DMX Connection

Dyna Flood XT XXXXK:

Dyna Flood XT XXXXK DMX // Dyna Flood XT RGB/RGBA/RGBW/DW // Dyna Flood XT QW:

Power Wiring

You can connect the bare-ended, IP66-rated AC power cable from the product to an IP66-rated power connector or IP66-rated junction box.

If using junction boxes, make sure to use IP66-rated conduit for surface installations.

POWER CORD CONNECTION

DMX Linking (by the ACC-VD-T)

You may link the Dyna Flood XT XXXXK; Dyna Flood XT XXXXK DMX; Dyna Flood XT RGB/RGBA/RGBW/DW; Dyna Flood XT QW to a DMX controller using a standard DMX serial connection. If using other DMX products compatible with the Dyna Flood XT XXXXK; Dyna Flood XT XXXXK DMX; Dyna Flood XT RGB/RGBA/RGBW/DW; Dyna Flood XT QW, you can control each individually with a single DMX controller.

DMX Modes

The Dyna Flood XT XXXXK; Dyna Flood XT XXXXK DMX; Dyna Flood XT RGB/RGBA/RGBW/DW; Dyna Flood XT QW uses the standard DMX data connection for its all its DMX personalities.

Signal Wiring

To provide signal for the Dyna Flood XT XXXXK; Dyna Flood XT XXXXK DMX; Dyna Flood XT RGB/RGBA/RGBW/DW; Dyna Flood XT QW, you can connect the bare-ended, IP66-rated signal cable from the product to two IP66-rated signal connectors (DMX In/DMX Out) or use an IP66-rated junction box. In this case, make sure to use IP66-rated conduit.

Protocol Connectivity

The Dyna Flood XT XXXXK; Dyna Flood XT XXXXK DMX; Dyna Flood XT RGB/RGBA/RGBW/DW; Dyna Flood XT QW uses USITT DMX 512 protocol. The procedure below illustrates the recommended connection method.

1: Dmx - In(Black)
2: Dmx + In(White)
3: Dmx Eng Out(Black)
4: Dmx + Out(Red)
5: Dmx - Out(Green)

Signal in   Junction   Conduit   Junction   Signal out
             Box   Box
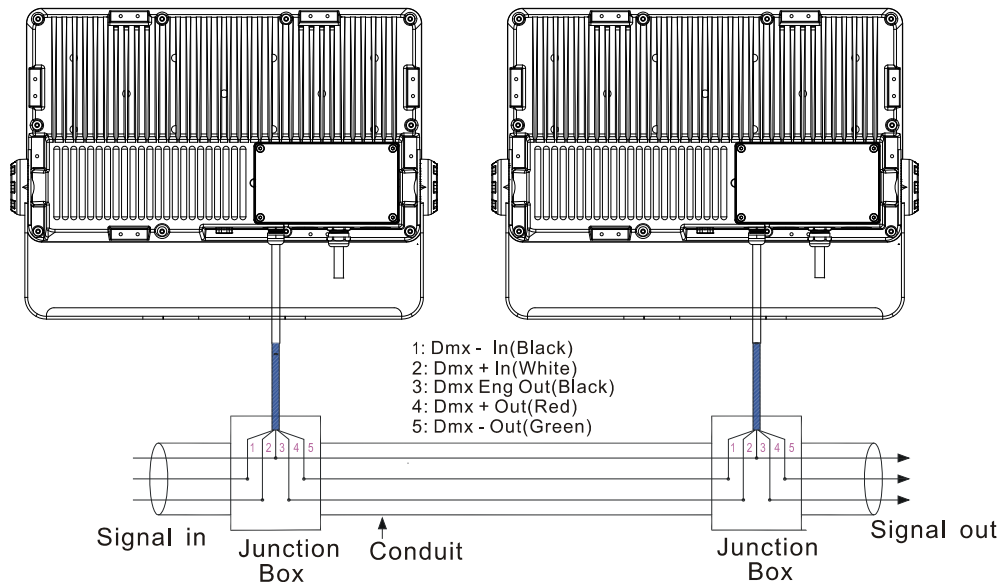
DMX SIGNAL LINE CONNECTION

Note: The junction box is not waterproof, and not recommended for outdoor use.

4.2 DMX Controller

You can operate the unit by DMX controller:

No need to turn the unit off when you change the DMX address, as new DMX address setting will be affected at once. Every time you turn the unit on, it will show ⟨ACCL⟩ on the display. After that the unit will be ready to receive DMX signal or run the built in programs.

Use universal DMX controller to control the units, you have to set DMX address from 1 to 512 channel so that the units can receive DMX signal.

Long press the **MENU** button for 5s, and the ⟨Addr⟩ is showing on the display. Press **the ENTER** button and the display will blink. Use the **DOWN** and **UP** button to change the DMX512 address. Once the address has been selected, press and keep the **ENTER** button pressed up to when the display stops blinking or storing automatically 8 seconds later. To go back to the functions without any change press the **MENU** button again.

4.3 DMX512 Configuration

BW-363E XXXXK DXX:

Channel	Value	Function
1	000-255	**DIMMER** 0%-100%

BW-363E RGB DXX:

Channel	Value	Function
1	000-255	**Red** 0%-100%
2	000-255	**Green** 0%-100%
3	000-255	**Blue** 0%-100%

BW-363E RGBW DXX:

Channel	Value	Function
1	000-255	**Red** 0%-100%
2	000-255	**Green** 0%-100%
3	000-255	**Blue** 0%-100%
4	000-255	**White** 0%-100%

BW-363E DW DXX:

Channel	Value	Function
1	000-255	**CT 2200K** 0%-100%
2	000-255	**CT 3500K** 0%-100%
3	000-255	**CT 6500K** 0%-100%

BW-1210E QW DXX:

Channel	Value	Function
1	000-255	**Red** 0%-100%
2	000-255	**Green** 0%-100%
3	000-255	**Blue** 0%-100%
4	000-255	**White** 0%-100%

5. Troubleshooting

Following are a few common problems that may occur during operation. Here are some suggestions for easy troubleshooting:

Problem	Possible Cause	Action
The unit does not work, no light.	Incorrect power cable connection.	Check the connection of power.
	Incorrect mains voltage.	Measure the mains voltage on the main connector.
The unit does not respond properly to the DMX control.	Incorrect DMX cable connection.	Check DMX connectors and cables to see if link properly. Repair or replace damaged wires.
	Incorrect address assignment to the units.	Check the addresses of the units and the protocol settings.
	Unfinished data connection.	Insert a terminal plug in the output jack of the last unit of the connection.
	It has been set up an operating mode different from the DMX mode used.	Check the operating mode set up.
		Try to use another DMX controller.

6. Fixture Cleaning

The cleaning of internal must be carried out periodically to optimize light output. Cleaning frequency depends on the environment in which the fixture operates: damp, smoky or particularly dirty surrounding can cause greater accumulation of dirt on the fixture's optics.

- Clean with soft cloth using normal glass cleaning fluid.

- Always dry the parts carefully.

- Clean the external optics at least every 20 days. Clean the internal optics at least every 30/60 days.