

DIGITAL DIMMER PACK

1. an overview:
network digital dimmer, adopted the latest electronic technology, modern network technology, and new technology, good user interface, efficient cooling system, make its remote control, stable performance, simple operation, beautiful appearance, convenient installation and debugging, etc.
2. functional characteristics
 1. 10 dimming curves
 2. 1-100% dimming range
 3. Double standard DMX512 input: DMX A and DMXB
 4. Dual-network DMX input: NetDMX A and NetDMX B
 5. Dynamic preheating
 6. Fixed preheating
 7. Intelligent control of the fan
 8. Signal holding
 9. This machine has separate control and centralized control dimming
 10. 12 centralized controls can be recorded or set
 11. 2 * 16 The LCD is shown
 12. Efficient heat dissipation system
3. Main technical parameters
 1. Input power supply: AC220V $\pm$ 10%
Frequency: 50Hz $\pm$ 2%, connection: three-phase and five-wire system
 1. No load power consumption of the whole machine: less than 20 W
 2. Output loop: 12 circuit, the maximum output power of each loop: 3kW
 5. Environmental conditions: working temperature 0°C ~40°C, working relative humidity 20%~90%
The storage temperature is -40°C ~ + 55°C, and the storage relative humidity is 10%~93%
 6. Overall dimensions: 515mm 483mm 133mm
 7. Weight: 19kg
4. Appearance description
 1. Panel part
 - ① Combination cabinet installation fixed hole, a total of 4.
 - ② There are 12 circuit control signals, corresponding from 1 to 12 circuits from the left. The brightness degree of the indicator lamp represents the size of the control signal. The brighter the lamp, the larger the signal.
 - ③ There are 12 air switches in the load loop 20A, which connect from 1 to 12 output circuits respectively from the left. The air switch is switched on and turned off. The rated current is 20A, the load loop will turn off instantly, play a protective role.
 - ④ LCD LCD display screen.
 - ⑤ editing key
ENTER: Confirm the key.
▲: Press the key to increase the value, or select the previous item.
▼: Press the key to reduce the value, or select the next item.
ESC: exit key.
 - ⑥ Sub control / set control key
There are 1 to 12 keys, which are set up by the "CHN / SUB conversion key". Set to separate control: 1~12 keys can adjust the brightness value of 1~12 circuits respectively.
When set as centralized control: 1~12 keys can control 1~12 centralized control respectively, and each centralized control should be recorded or set in advance.
When pressing 1 to 12, the "▲ / ▼ conversion key" to raise or lower the brightness value.
 - ⑦ ▲/▼ Conversion key, indicator light
Lower the photoconversion key and indicator light for the above.
If you press the conversion key, the ▲ indicator light is on, and please press

1~12 to increase the brightness value.

If press the conversion key, ▼ light, press 1~12 to lower the brightness value.

⑧ CHN / SUB conversion key, indicator light

For separate control / centralized control conversion key, indicator light.

If press the conversion key, the CHN indicator is on, and press 1~12 to control.

2.

If press the conversion key, the SUB indicator is on, and press 1~12 to control.

⑨ Power supply, signal indicator light

Power indicator: A, B and C correspond to three-phase voltages A, B and C respectively. Power-on, no power-out.

Signal indicator: DMX A indicator is used for standard DMX A signal indication.

DMX B The light is used for standard DMX B or network DMXA, B signal indication.

With DMX signal-flicker, no signal-out.

2. Backplane part (see Figure 2)

① 1-12 loop load connection seat

The upper row is 1~12 circuit fire wire output connection seat.

The lower row is the 1~12 loop public N output connection seat.

The relationship between the loop and the input three-phase power supply is 1,4,7,10 to phase A, 2,5,8,11 to phase B, and 3,6,9,12 to phase C.

② fan.

③ Standard DMXA, standard DMXB signal input seat: using five-core Canon needle holder.

④ Standard DMXA, standard DMXB signal line seat: using five-core Canon hole holder.

⑤ LINK IN Input base: network NetDMXA, B signal input, connected to the supporting network control box (NDPC 4) LINK interface.

⑥ LINK OUT Online seat: used for network NetDMXA and B signal online.

⑦ Power input base: from top to bottom, phase A, phase B, phase C, and phase N.

⑧ earth terminal.

⑨ This machine control part of the working power supply insurance seat (with 1A / 520 insurance pipe).

⑩ Working power switch of the local control part.

5. Erection joint

1. Installation conditions

Select the appropriate power distribution system according to the total load.

The installation position should be well ventilated, pay attention to moisture-proof, shock-proof and dustproof.

2. Wiring specifications

Power cord: Phase A-yellow 16mm²Multiple copper wires

Phase B-green 16mm²Multiple copper wires

Phase C-red 16mm²Multiple copper wires

Zero line: light blue, 16mm²Multiple copper wires

Ground wire: yellow and green double color 16mm²Multiple copper wires

Load line: 4mm²Multiple copper wires

Standard DMX, signal line / online line: five-core shielding line, one end is a five-core card

Nong needle plug, the other end is a five-core karnong hole plug.

LINK connection: super five class network cable.

3. Power supply connection

Using wiring seating, then: phase A phase, phase B, phase C, N.

4. Load connection

6mm was used²Line pressing junction seat.

5. Signal seat interface

1) DMX input and online seat (see Figure 3)

The dimmer is provided with a standard DMX512 input interface that can access signals from a computer dimmer desk or DMX processing device. Because a DMX signal can control 512 circuits, it can be connected to multiple dimmers, so the dimmer is also equipped with a DMX online seat for online use.

The pin definition

PIN1: COM (DMX A&B)

PIN2: DATA-(DMX A)

PIN3: DATA+(DMX A)

PIN4: DATA-(DMX B)

PIN5: DATA+(DMX B)

2) The LINK interface

Using RJ 45 interface seat, the connection is super five class network cable. Network signal transmission should be connected through the LINK interface with network control box (NDPC 4) (note: do not connect with other network interface), and then realize network DMX signal transmission, remote monitoring and management through Ethernet (including dimmer or supporting equipment status monitoring, parameter modification, data management, this function is optional for users).

LINK IN For the network DMX signal input base.

LINK OUT, For the network DMX signal online seat.

6. Dimming system connection (for reference only)

The basic connection of the dimming system includes four parts: power supply, computer dimmer table (or DMX network equipment), dimmer and load.

6. Intelligent control instructions

1. Dynamic preheating function

If the lamp suddenly gives light under the cooling state, the impact current on the lamp is large, which will affect the service life of the lamp and the dimmer. In order to avoid this harm, the user can use the dynamic preheating function, so that the lamp has a certain time of buffer preheating process to achieve the actual brightness, but it does not affect the field effect.

Users can set the dynamic preheating mode in "System Set":

- ☐ Disable Preheating is prohibited.
- ☐ Slow Slow-speed preheat.
- ☐ Middle Medium-speed preheating.
- ☐ Fast Quick preheat.

Note 1. If the "dynamic preheating" mode has been started, the system will detect which circuit lamp is in the cold state in real time. When giving the control signal, the system only implements dynamic preheating for the cold circuit.

Note 2. Identification of cold circuit: The system recognizes all circuit lamps in cold state within 5 seconds of startup. After 5 seconds, the system determines that the loop lamp with no signal or 0 or more than 5 seconds is in cold state.

2. Fixed preheating function

The dimmer can also use a fixed preheating function to set a small brightness value to the loop, so that the loop load is always in the preheating state. Fixed preheating is only work after the dynamic preheating is turned off.

When dynamic preheating is prohibited and the loop has a fixed preheating value of 0, there is no preheating.

3. Intelligent control of the fan

The fan runs by default when starting the self-test.

The fan will turn off when the output brightness value is zero for 3 minutes.

The fan operates when the dimmer detects a non-zero output brightness value.

4. LCD automatic backlight

With the LCD automatic backlight function. Turn on or press any key LCD backlight, and the LCD backlight will automatically become low light after 30 seconds without key operation.

5. the button automatically lock

In the unlock interface (except the viewing interface), it will automatically return to the locking interface.

6. Signals remain

When the signal is in a holding state, if the console DMX signal is interrupted, the final signal control information will be maintained.

7. Dimming control instructions

1. The signal control mode and the principle

- ☐ control method

There are local control, external standard DMXA, B signal control, external network DMXA and B signal control.

Adventitia control principle

Each mode can be used separately to control each loop.

When the local control and any external signal control each loop at the same time, it is always the large priority control, and the signal with large control value plays a control role.

For the standard DMXB, network DMXA, network DMXB signal can be set to allow or prohibit control.

When the network DMX control is set to allow, due to the limited dimmer processing unit, the unit processing the standard DMXB will switch to the processing network DMX, which can process up to 3 kinds of external control signal dimmer, namely standard DMXA, network DMXA, and network DMXB.

When 2 or 3 external signals are controlled, the external signals can be set to HTP (large priority) or Prior (priority) mode, See the description of "DMX Set". When the priority is set, the signal with high priority plays a control role. If the signal fails in use, it will automatically switch to the signal control of the next priority in order, and so on.

Signal holding: When the current effective control signal is interrupted, if the signal is maintained, the dimmer will automatically maintain the last control state of the signal. If the signal returns to normal, the signal control is then immediately received; if the other signal control, for each loop, the control circuit starts only when the value of the control circuit reaches the original maintained control value.

2. Dimming operation instructions

1) Local computer control dimming

Diacionia controlled dimming

5.

In the key unlock interface, press the CHN / SUB conversion button, and the CHU light is on to make the 1-12 keys in the separate control state.

Press ▲ / ▼. If ▲, ▲ indicator is the direction of brightness elevation; if ▼, ▼ indicator is the direction of brightness reduction.

When pressing a key in key 1 to 12, the dimming interface is displayed, and the brightness value of the corresponding circuit is displayed as follows:

When in ▲, if click the key, directly into FL, if press the key does not put, add 1 change, until FL;

In ▼, if you click the key, directly to 00, if you press the key, minus 1 change, until 00.

At the dimming interface, press [ESC] to return to the Settings interface.

Diacyl acid centralized control dimming

In the key unlock interface, press the CHN / SUB conversion key, and the SUB indicator light is on to make the 1-12 keys in the centralized control state.

Press ▲ / ▼. If ▲, ▲ indicator is the direction of brightness elevation; if ▼, ▼ indicator is the direction of brightness reduction.

When dimming a key in set control key 1~12, the dimming interface is ops, and the loop brightness value of the corresponding centralized control is displayed by the light column. If the corresponding centralized control does not record the key will be no reaction.

The dimming changes are as follows:

In ▲, click the key to set the centralized control running time to the maximum, and hold down the key to reach the maximum at the fixed time.

In ▼, click the key to set the centralized control running time to the minimum, hold down the key, to the minimum fixed time.

At the dimming interface, press [ESC] to return to the Settings interface.

2) Standard DMX512 signal control

Adjust the dimmer to of the standard DMX512 signal to control the dimmer output. For dimmers using the standard DMXB, preset the standard DMXB as the allowable state,

3) NetDMX signal control

Adjust the dimmer table of the output NetDMX signal to control the dimmer output. Set the dimmer before control.

VIII. LCD display operation instructions

1, the LCD menu list

2. Boot display

Power on and enter the lock standby interface. The name of the model and the key lock icon "" are displayed on the uplink, and the control loop range of DMX A and B are displayed alternately. When the standard DMXB is prohibited, DMXB: Disable will be displayed.

3. Press the button to unlock it and lock it

1) Press unlock

At the same time, press [ENTER] and [ESC] keys to unlock the lock icon "" disappear, and make it in the unlock standby interface. If it is in any other form

Will prompt you " Please Unlock!"(Please unlock!)。

Main menu DMX Set (DMX Settings) System Set (system Settings) Sub Master (centralized control) About (view the current brightness value of each circuit) 1.DMX 1st ADDR (standard DMX starting circuit Settings) 2.NetDMX 1st ADR (Network DMX starting circuit Settings) 3.NetDMX Channel (network DMX signal channel Settings) 4.DMX Mode (DMX signal processing mode Settings) 5. DMX Prior (DMX signal priority setting) 6. DMXA / B Set (standard DMX signal status setting) 1. DYN-PreHeat (dynamic preheating setting) 2.Dimm Curve (dimmer curve setting) 3.OnOff Level (circuit switch value setting) 4.Max. Level (Circuit maximum brightness value setting) 5.NetWork Enable (network enabling setting) 6.Fix PreHeat (fixed preheating value setting) 7.Initial Pack (dimmer parameter initialization) 1.Record Sub (record centralized control) 2.Sub Level Set (centralized control brightness value setting) 3.Sub Time Set (centralized control running time setting)

2) Manual lock lock: at any unlocked interface, press [ENTER] and [ESC] keys at the same time, and press to lock. In any unlock interface, you can also press the [ESC] key to return to the lock interface. Automatic locking: in the unlock interface (except the viewing interface), after 30 seconds.

4. Main menu interface

Press [ENTER] in the unlock standby interface to enter the main menu interface.

There are 4 main menus: DMX Set (DMX settings)

System Set (System Settings)

Sub Master (Centralized control)

About (View the current brightness value of each loop)

By pressing the [▲] or [▼] selection menu, the selected menu is displayed in the first line and prompted with "□".

5. DMX Set (DMX setting)

In the main menu interface, press [▲] or [▼] to select the "DMX Set" menu.

Press [ENTER] keys to enter the next level menu of "DMX Set", with 6 items. By pressing [▲] or [▼] keys, the selected menu is displayed on the uplink and flashes.

1) 1.DMX 1st ADDR

□ operational process

Press [▲] or [▼] to select 1.DMX 1st ADDR (the standard DMX start loop address).

Press [ENTER] to enter the standard DMX start loop address setting interface and set the start loop address for receiving standard DMXA and standard DMXB.

Press [ENTER] to move the cursor _ _ to select the number bit you want to set. The three digits before "/" are the start loop address of DMXA, and the three digits after "/" are the start loop address of DMXB.

Press [▲] or [▼] to change the value size.

Press [ESC] key to enter the save interface, the interface upward displaying " Are you save?"(Do you want to save it?)。Note: If not changed

7.

Parameters, will not enter the save interface, but directly return to the previous interface.

If you press [▼], select Yes " (Yes), press [ENTER] to save the set parameters and return to the previous interface, or press [ESC] not to save the setting parameters and return to the previous interface. If you press [▲], select "No" (No), and press [ENTER] or [ESC] not to save the setting parameters and return to the previous interface.

□ explanatory notes

The DMX starting loop address setting ranges from 001 to 512. If the value does not belong to this range during the setting process, the interface will display " Set Over!"(Setting exceeded) or" Set Error!"(set up

Error, at 000), where pressing [ESC] is invalid.

2) 2.NetDMX 1st ADR

□ operational process

Press [▲] or [▼] to select 2.NetDMX 1st ADR (network DMX start loop address).

Press [ENTER] to enter the network DMX start loop address setting interface, and you can set the start loop address of the receiving network DMXA and the network DMXB.

Press [ENTER] to move the cursor _ _ to select the number bit you want to set."/ The first three digits are the start loop address of the network DMXA, and the three digits after "/" are the start loop address of the network DMXB.

Press [▲] or [▼] to change the value size.

Press [ESC] key to enter the save interface, the interface upward displaying " Are you save?"(Do you want to save it?)。Note: If the parameters are not changed, it will not enter the save interface, but directly return to the previous interface.

If you press [▼], select Yes " (Yes), press [ENTER] to save the set parameters and return to the previous interface, or press [ESC] not to save the setting parameters and return to the previous interface. If you press [▲], select "No" (No), and press [ENTER] or [ESC] not to save the setting parameters and return to the previous interface.

□ explanatory notes

The network DMX starting loop address is set from 001 to 512. If the value does not belong to this range during the setting process, the interface will display " Set Over!"(Setting exceeded) or" Set Error!"(Set set at 000), [ESC] key is not valid.

3) 3.NetDMX Channel

□ operational process

Press [▲] or [▼] to select "3.NetDMX Channel" (network DMX signal channel).

Press [ENTER] key to enter the network DMX signal channel setting interface, and can set the network DMX signal channel to be received for the network DMXA and the network DMXB respectively.

8.

Press [ENTER] to move the cursor _ _ to select the number bit you want to set."/ The first three digits are the channel number of the network DMXA, and the three digits after "/" are the channel number of the network DMXB.

Press [▲] or [▼] to change the value size.

Press [ESC] key to enter the save interface, the interface upward displaying " Are you save?"(Do you want to save it?)。Note: If the parameters are not changed, it will not enter the save interface, but directly return to the previous interface.

If you press [▼], select Yes (Yes) and press [ENTER]

The key will save the setting parameters and return to the previous interface, or press the [ESC] key to not save the setting parameters and return to the previous interface. If you press [▲], select "No" (No), and press [ENTER] or [ESC] not to save the setting parameters and return to the previous interface.

□ explanatory notes

This machine can process 2 channels of network DMX signals, set as network DMXA and network DMXB.

The acceptable Net DMX signal channel number ranges from 000 to 255. If the value does not belong to this range during the setting process, the interface will display " Set Over!"(Set exceeded), pressing [ESC] is invalid.

For HDLNetDMX, no channel number 00 is used, if set to 00, no NetDMX signal.

For ArtNetDMX, it can be set to receive the NetDMX signal using channel 00.

4) 4.DMX Mode

□ operational process

Press [▲] or [▼] to select "4.DMX Mode" (DMX signal processing mode).

Press [ENTER] to enter the signal processing mode setting interface.

Press [▲] to select the HTP mode.

Press [▼] to select the 'Prior' mode.

Press [ESC] key to enter the save interface, the interface upward displaying " Are you save?"(Do you want to save it?)。Note: If the parameters are not changed, it will not enter the save interface, but directly return to the previous interface.

If you press [▼], select Yes " (Yes), press [ENTER] to save the set parameters and return to the previous interface, or press [ESC] not to save the setting parameters and return to the previous interface. If you press [▲], select "No" (No), and press [ENTER] or [ESC] not to save the setting parameters and return to the previous interface.

□ explanatory notes

"HTP" means that when receiving multiple control signals at the same time, the large acts first.

"Prior" means to control the priority set by the user in "5.DMX Prior" when receiving multiple control signals at the same time.

9.

The highest control signal plays the first control role. If the signal fails in the working process, it will automatically switch to the next priority control signal, and so on.

5) 5.DMX Prior

□ operational process

Press [▲] or [▼] to select "5.DMX Prior" (DMX signal priority). According to the network allowed or prohibited (set in the "5.NetWork Enable" of "System Set"), divided into the following two cases:

① Corresponding to the network

In the network allowed state, the machine can process DMXA or network DMXA / B signal.

DMXA signal, network DMXA / B three signal priority order combination in six ways. "1" of the "1" of "1-6" in the upper right corner of the interface indicates the first type, and "6" indicates a total of six types. The lower behavior of the interface is arranged in the priority order from top to bottom.

The first combination "NDA-> NDA-> NDB-> DmxA" is an example, where "NDA" is network DMXA with high priority; "NDB" is network DMXB with medium priority; "DmxA" is standard DMXA with low priority.

② Corresponding to the case of network prohibition

In the network forbidden state, DMXA or DMXB signals can be processed, and the two signals are combined in two ways. Take the "DMXA-> DMXB" combination mode as an example to show that DMX A has high priority and DMX B has low priority.

Press the [▲] or [▼] key to change the priority order combination mode.

Press [ESC] key to enter the save interface, the interface upward displaying " Are you save?"(Do you want to save it?). Note: If the parameters are not changed, it will not enter the save interface, but directly return to the previous interface.

If you press [▼], select Yes " (Yes), press [ENTER] to save the set parameters and return to the previous interface, or press [ESC] not to save the setting parameters and return to the previous interface. If you press [▲], select "No" (No), and press [ENTER] or [ESC] not to save the setting parameters and return to the previous interface.

□ explanatory notes

Because the local machine uses the same processing unit for network DMX and standard DMXB, it can only choose one processing in actual use. As for which signal to handle, it is determined by the network allowed or prohibition, processing the network DMXA / B in the network allowed state and the standard DMXB in the network forbidden state.

6)

Quasi-DMX signal status setting).

Press [ENTER] to enter the standard DMX signal state setting bound

10.

Face. Press [ENTER] to select the item to set, and the state appears when selected.

Press [▲] or [▼] to change the status.

Press [ESC] key to enter the save interface, the interface upward displaying " Are you save?"(Do you want to save it?). Note: If the parameters are not changed, it will not enter the save interface, but directly return to the previous interface.

If you press [▼], select Yes " (Yes), press [ENTER] to save the set parameters and return to the previous interface, or press [ESC] not to save the setting parameters and return to the previous interface. If you press [▲], select "No" (No), and press [ENTER] or [ESC] not to save the setting parameters and return to the previous interface.

□ explanatory notes

Description of the signal status:

Hold: means that the last signal control information may be maintained when the signal is interrupted.

No Hold: Indicates that the last signal control information is not maintained when the signal is interrupted.

Disable: Prohibit the control of the signal. This setting is intended only for the standard DMXB signals.

In addition, for NetDMXA, B is fixed as the signal holding state.

6. System Set (system setup)

In the main menu interface, press [▲] or [▼] to select the "System Set" menu.

Press [ENTER] to enter the next menu of "System Set", with 7 items. Press [▲] or [▼] to select the selected menu, displayed on the uplink and flashing.

1) 1.DYN-PreHeat

□ operational process

Press [▲] or [▼] to select the 1. DYN-PreHeat; (dynamic preheating settings).

Press [ENTER] to enter the dynamic warm-up mode setting interface.

Press [▲] or [▼] to change the dynamic preheating mode.

Press [ESC] key to enter the save interface, the interface upward displaying " Are you save?"(Do you want to save it?). Note: If the parameters are not changed, it will not enter the save interface, but directly return to the previous interface.

If you press [▼], select Yes " (Yes), press [ENTER] to save the set parameters and return to the previous interface, or press [ESC] not to save the setting parameters and return to the previous interface. If you press [▲], select "No" (No), and press [ENTER] or [ESC] not to save the setting parameters and return to the previous interface.

□ explanatory notes

For the functional description of dynamic preheating, see "VI, intelligent control description".

There are four dynamic warm-up modes:

11.

Disable —— Prohibition.

Slow —— is the slow preheating.

Middle —— Medium-speed preheating.

Fast —— for fast preheating.

2) 2.Dimm Curve

□ operational process

Press [▲] or [▼] to select 2.Dimm Curve (dimming curve).

Press [ENTER] to enter the dimmer curve setting interface. The upward "Curve" represents the curve, the content in "[]" are the curve type corresponding to the selected code, the curve type code of the lower behavior loop, and the current display 1-6 loop.

Press [ENTER], move the cursor "_" to select the loop to set, move to 6 loop, press [ENTER], turn the screen to select the loop in 7~12.

Press [▲] or [▼] to change the loop curve type code.

Press [ESC] key to enter the save interface, the interface upward displaying " Are you save?"(Do you want to save it?). Note: If the parameters are not changed, it will not enter the save interface, but directly return to the previous interface.

If you press [▼], select Yes " (Yes), press [ENTER] to save the set parameters and return to the previous interface, or press [ESC] not to save the setting parameters and return to the previous interface. If you press [▲], select "No" (No), and press [ENTER] or [ESC] not to save the setting parameters and return to the previous interface.

□ explanatory notes

Correspondence between code and dimmer curve type:

0-Line (linear);

1-OnOff (switch type);

2-S (Type-S);

3-X1.3 (1.3 secondary power);

4-X1.5 (1.5 power);

5-X1.7 (1.7 power);

6-X2.0 (2.0 power);

7-X2.3 (2.3 secondary power);

8-X2.7 (2.7 power);

9-X3.0 (3.0 power).

3) 3. OnOff Level

□ operational process

Press [▲] or [▼] to select "3. OnOff Level" (circuit switch value).

Press [ENTER] to enter the circuit switch value setting interface. The upward "OnOff" indicates the switch, followed by the 1-3 loop switch value; the downward "1~6" indicates the current 1-6 loop switch value, and then the 4-6 loop switch value.

12.

Press the [ENTER] key to move "<" to the loop to set the switch value. If you move to the 6 loop, press the [ENTER] key again and turn the screen to select the loop in 7~12.

Press [▲] or [▼], add 1 or minus 1 to change the switch value size.

Long press the [▲] or [▼] key, continuously add 1 or subtract 1 to change the switch value size.

Press [ESC] key to enter the save interface, the interface upward displaying " Are you save?"(Do you want to save it?)。Note: If the parameters are not changed, it will not enter the save interface, but directly return to the previous interface.

If you press [▼], select Yes " (Yes), press [ENTER] to save the set parameters and return to the previous interface, or press [ESC] not to save the setting parameters and return to the previous interface. If you press [▲], select "No" (No), and press [ENTER] or [ESC] not to save the setting parameters and return to the previous interface.

□ explanatory notes

The loop that sets the switch value has the maximum loop output when the dimming reaches the set value, and the loop output is zero when it is below the switch value. The switch values range from 01 to 99, and the system default value is 50. Note: This applies only for loop dimmer curve set to type "OnOff".

4) 4. Max.Level

□ operational process

Press [▲] or [▼] to select " 4. Max. Level " (Circuit maximum brightness value or limit value);

Press [ENTER] to enter the loop maximum brightness setting interface. The upward "MaxLev" indicates the maximum brightness, followed by the maximum brightness of 1-3 circuits; the downstream "1-6" indicates the current maximum brightness of 1-6 circuits, followed by the maximum brightness of 4-6 circuits.

Press [ENTER] key to move "<" to the loop to set the maximum brightness value, if move to 6 loop, press [ENTER] key and turn the screen to select the loop in 7~12.

Press [▲] or [▼] to add 1 or subtract 1 to change the maximum brightness value size.

Press [▲] or [▼] to add 1 or subtract 1 to change the maximum brightness value.

Press [ESC] key to enter the save interface, the interface upward displaying " Are you save?"(Do you want to save it?) Change the parameters, will not enter the save interface, but directly return to the previous interface.

If you press [▼], select Yes " (Yes), press [ENTER] to save the set parameters and return to the previous interface, or press [ESC] not to save the setting parameters and return to the previous interface. If you press [▲], select "No" (No), and press [ENTER] or [ESC] not to save the setting parameters and return to the previous interface.

13.

□ explanatory notes

Maximum loop brightness setting: setting the maximum loop output level, limiting the maximum output to the set value. The maximum brightness value range is 00-FL, and the system default value is FL (100).

5) 5.NetWork Enable

□ operational process

Press [▲] or [▼] to select "5.NetWork Enable" (network enable).

Press [ENTER] key to enter the network working enabling and local number ID setting interface.

Press [ENTER] to select the item to set up.

Press [▲] or [▼] to change the working mode or the native number.

Press [ESC] key to enter the save interface, the interface upward displaying " Are you save?"(Do you want to save it?)。Note: If the parameters are not changed, it will not enter the save interface, but directly return to the previous interface.

If you press [▼], select Yes " (Yes), press [ENTER] to save the set parameters and return to the previous interface, or press [ESC] not to save the setting parameters and return to the previous interface. If you press [▲], select "No" (No), and press [ENTER] or [ESC] not to save the setting parameters and return to the previous interface.

□ explanatory notes

Network work enabling setting: refers to whether receiving network NetDMXA and B control, where "Disable" is prohibited network work and "Enable" is allowed network work.

Note: Standard DMXB signal cannot be received when the network operation permits.

Native number ID: refers to the code set for the machine when the machine is in the network work permit, used for the network control box identification.

6) 6.Fix PreHeat

□ operational process

Press [▲] or [▼] to select 6. Fix PreHeat (fixed preheating setting).

Press [ENTER] to enter the fixed preheating value setting interface. The upward "PreHeat" indicates the preheating value, followed by the 1-3 loop; the downward "1-6" indicates the current display of the 1-6 loop, and then the 4-6 loop.

Press [ENTER] key to move "<" to the loop to set the fixed preheating value. If you move to 6 loop, then press [ENTER] key to select the loop in 7~12.

Press [▲] or [▼] to change the fixed warm-up value size.

Press [ESC] key to enter the save interface, the interface upward displaying " Are you save?"(Do you want to save it?)。Note: If the parameters are not changed, it will not enter the save interface, but directly return to the previous interface.

14.

If you press [▼], select Yes " (Yes), press [ENTER] to save the set parameters and return to the previous interface, or press [ESC] not to save the setting parameters and return to the previous interface. If you press [▲], select "No" (No), and press [ENTER] or [ESC] not to save the setting parameters and return to the previous interface.

□ explanatory notes

The functional description of fixed preheating, see "VI. Intelligent control Description".

Fixed preheating value setting range: 00~10.

7.Initial Pack

□ operational process

Press [▲] or [▼] to select "7.Initial Pack" (dimmer parameter initialization);

Press [ENTER] to enter the dimmer parameter initialization interface.

The interface uplink displays the words " Are you Initial?"(Do you want to initialize it?)。

If you press [▼], select Yes; (Yes), press [ENTER] to initiate the parameters and display Pack Initial... downward"(Initializing), return to the previous level interface, or press [ESC] not to save the setting parameters and return to the previous level interface.

If you press [▲] key, select "No" (No), press [ENTER] or [ESC] key to not initialize and return to the previous interface.

□ explanatory notes

The parameter initialization is restored to the factory default parameter settings

The factory default parameters are set as follows:

DMX A Start loop 001

DMX B Start loop 001

NetDMXA channel 001

NetDMXB channel 002

NetDMX A Start loop 001

NetDMX B Start loop 001

DMX Mode HTP

DMXA No Hold

DMXB prohibit

Network enables prohibition

This machine number 0 dynamic preheating is prohibited

Fixed a preheating value of 10

The dimming curve is linear

Maximum luminance value, FL (100)

Switch value of 50

7. Sub Master (centralized control)

In the main menu interface, press [▲] or [▼] to select the "Sub Master" menu.

Press [ENTER] to enter the next level menu of "Sub Master", in total, 3

15.

Item, selected by pressing [▲] or [▼], the selected menu appears on the uplink and flashes.

1) 1.Record Sub

□ operational process

First adjust the field output to obtain the effect to be recorded.

Press [▲] or [▼] to select 1. Record Sub (record set control).

Press [ENTER] to enter the recording set control interface. The upward "Sub" represents the centralized control, then the recording state of 1 to 6 and 7 to 12."□" Is recorded."_" Is not recorded.

Press the [CHN / SUB] conversion key to switch to the SUB state.

Press a key from 1 to 12, assuming the 1 key, and record the field circuit brightness value to

the centralized control 1 corresponding to the 1 key. If control 1 is recorded, the prompt interface appears: " Sub 01 OverWrite?"(Cover control 1?), Press [ENTER] to overwrite the record and return to the previous interface, otherwise press [ESC] not to overwrite the record and return to the previous interface.

The same operation can record other centralized controls.

Press [ESC] to return to the upper level interface.

□ explanatory notes

Delete centralized control: record the loop brightness value of centralized control is 00.

2) 2.Sub Level Set

□ operational process

Press [▲] or [▼] to select 2. Sub Level Set (centralized brightness value setting).

Press [ENTER] to enter the centralized control selection interface. The number of [] is the centralized control number, and the optional centralized control range is 01~12.

Press [▲] or [▼] to select the control number.

Press [ENTER] to enter the centralized control brightness value setting interface. The upward "SubLev" indicates the centralized control brightness value, followed by 1-3 loop brightness value; the downward "1~6" indicates the current display of 1-6 loop brightness value, followed by 4-6 loop brightness value.

Press [ENTER] to move "<" to the loop to set the brightness value. If you move to the 6 loop, press [ENTER] to turn the screen to select the loop in 7~12.

Press [▲] or [▼] to add 1 or minus 1 to change the brightness value size.

Long press the [▲] or [▼] key to continuously add 1 or subtract 1 to change the brightness value size.

Press [ESC] key to enter the save interface, the interface upward displaying " Are you save?"(Do you want to save it?). Note: If the parameters are not changed, it will not enter the save interface, but directly return to the previous interface.

16.

If you press [▼], select Yes " (Yes), press [ENTER] to save the set parameters and return to the previous interface, or press [ESC] not to save the setting parameters and return to the previous interface. If you press [▲], select "No" (No), and press [ENTER] or [ESC] not to save the setting parameters and return to the previous interface.

□ explanatory notes

The loop brightness value is the value when the central control adjusts to the maximum.

The loop with a brightness value of 00 is not controlled by the centralized control.

The difference from "Record Sub": "Record Sub" is the circuit brightness value of the centralized control record field, and "Sub Level Set" is the direct setting of the circuit brightness value of the centralized control by the user.

3) 3.Sub Time Set

□ operational process

Press [▲] or [▼] to select 3. Sub Time Set (control time setting).

Press [ENTER] to enter the centralized control running time setting interface.upstream "Time" indicates the time, followed by 1-3 loop running time value; downstream "1~6" indicates the screen currently displays 1-6 loop, and then 4-6 loop running time value.

Press [ENTER] to move "<" to the loop to set the time value, move to the loop 6, press [ENTER] and turn the screen to select the loop in 7~12.

Press [▲] or [▼] to add 1 or subtract 1 to change the time value size.

Long press the [▲] or [▼] key to continuously add 1 or subtract 1 to change the time value size.

Press [ESC] key to enter the save interface, the interface upward displaying " Are you save?"(Do you want to save it?). Note: If the parameters are not changed, it will not enter the save interface, but directly return to the previous interface.

If you press [▼] key, select Yes " (Yes), press [ENTER] key to save the set parameters and return to the previous interface, or press [ESC] key not to save the setting parameters and return to the previous interface. If you press [▲], select "No" (No), and press [ENTER] or [ESC] not to save the setting parameters and return to the previous interface.

Note describes the running time of each loop of the centralized control: refers to the time when the loop brightness value reaches the maximum value from the centralized control start. Set the time value range from 00 to 99 seconds.

8, About (view the current brightness value of each loop)

In the main menu interface, press [▲] or [▼] to select the "Sub Master" menu.

Press the [ENTER] key to enter the field brightness view interface, with a percentage 17.

%, Sixteen number \$ and light column three view ways, by pressing [ENTER] key conversion.

1) The percentage interface

The left picture is the percentage interface, the upstream "About" indicates the view, then the field value of 1~3 circuits; the downstream "1~6" indicates the current 1-6 circuits, "%" is the percentage identification, and then the field value of 4-6 circuits is displayed.

Press [▲] to turn the screen and display the 1-6 circuits.

Press [▼] key to turn the screen and display 7~12 circuits.

Note: The maximum value "100" is indicated by "FL".

2) The hexadecimal number interface

The left picture shows the hexadecimal number interface, up "About" indicates view, then 1~3 loop field value; down "1~6" indicates the screen currently displays 1~6 loop, "\$" is hexadecimal identification, and then 4~6 loop field value.

Press [▲] to turn the screen and display the 1-6 circuits.

Press [▼] key to turn the screen and display 7~12 circuits.

3) Light column interface

The left picture shows the light column interface, which can intuitively represent the brightness of the loop by the height of the light column.

The upward "About" indicates viewing, and the downward "1 to 6" indicates that the screen currently displays 1 to 6 circuits, followed by the 1 to 6 circuit light column brightness value.

Press [▲] to turn the screen and display the 1-6 circuits.

Press [▼] key to turn the screen and display 7~12 circuits.