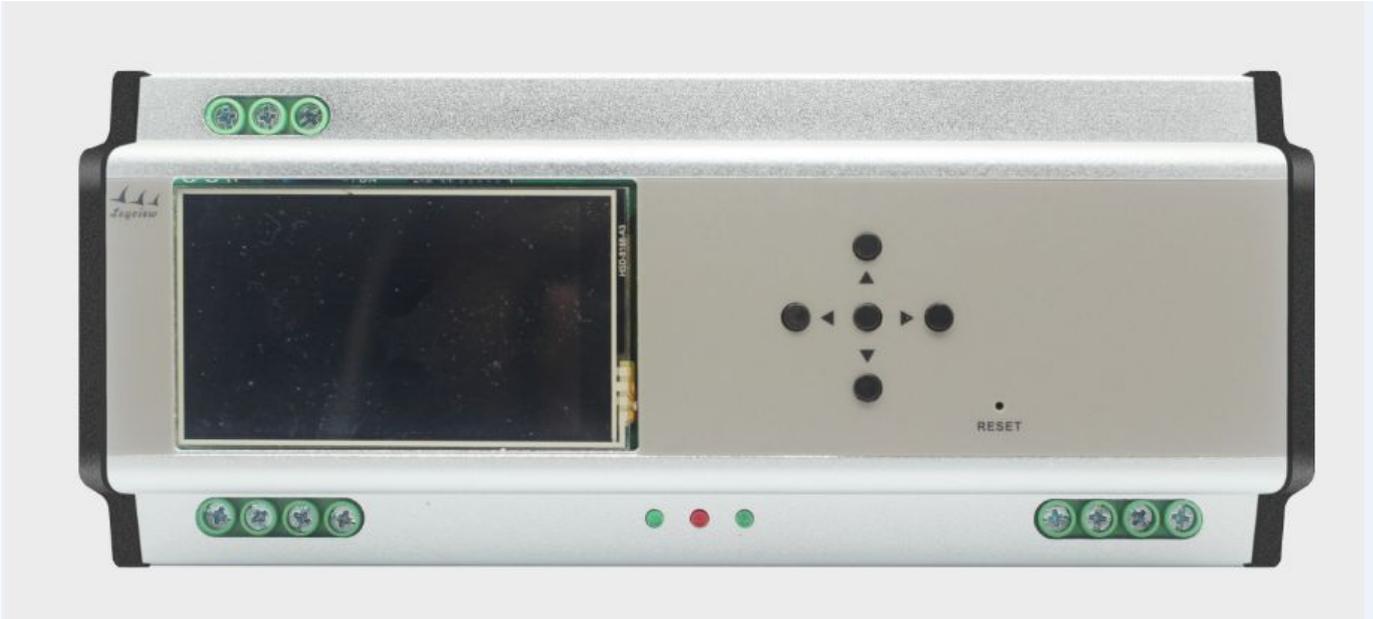


LYE100 Centralized manager

Product Specification



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1. Summarize of the produce

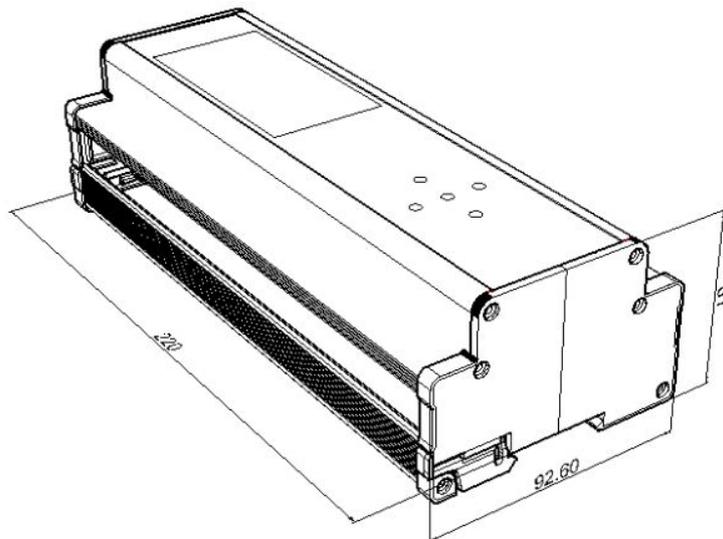
This product through EDX interface connected to the scene panel, through DMX - 512 interface and DMX dimmer or switch controller connection, network interface provides remote online and setting function. Main features:

- 1.1 Output DMX-512 signals, can control 512 circuit, and through DMX OUT monitoring 1.2 function to test circuit state.
- 1.3 Can set up model of guest rooms and public space/can set the password protection function
- 1.4 Can match ECP series control panel
- 1.5 Can store 896 set of scenarios, each group can control 512 circuit scene
- 1.6 Can set up if receive DMX signals
- 1.7 Can be set 128 areas, suitable for all kinds of places
- 1.8 Can be used to match figure control software

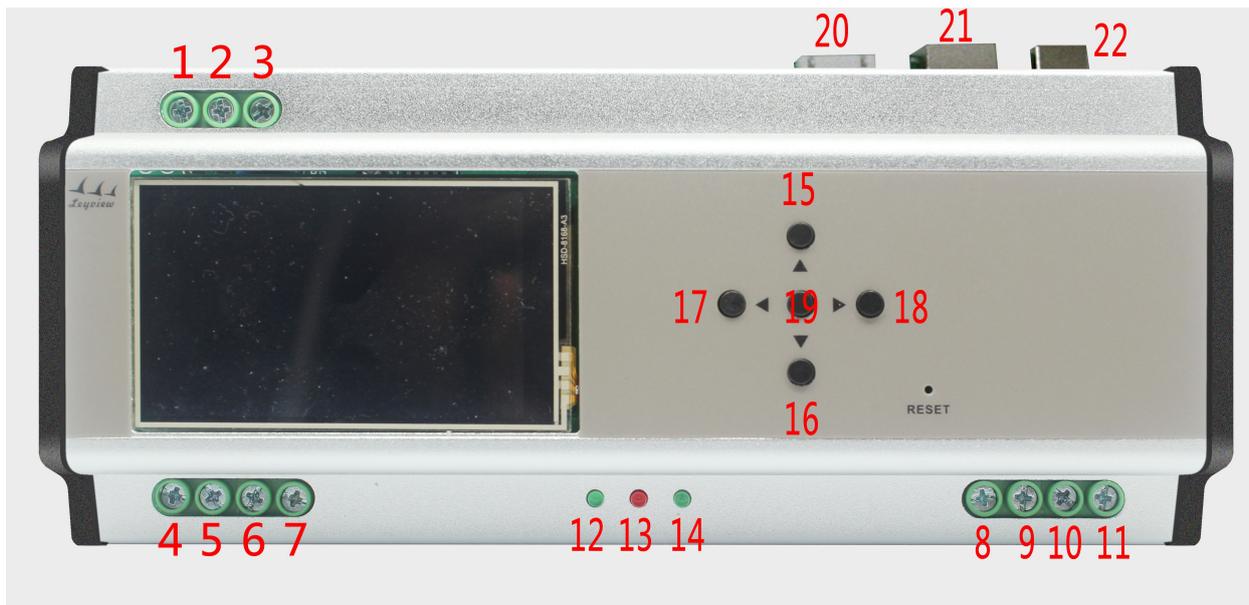
2. Technical Parameters

- 2.1 Working voltage : AC90-260V;
- 2.2 Working temperature: -20-60°C;
- 2.3 Working consumption: Min 5.7W - Max 6.4W;
- 2.4 Display resolution : 400x240;
- 2.5 Control mode: resistive touch and buttons
- 2.6 Input: EDX signal;
- 2.7 Output: DMX512 signal;
- 2.8 Net weight:
- 2.9 Gross weight:
- 2.10 External dimension: 200*90*61MM
- 2.11 Ackage dimension:

3. External dimension



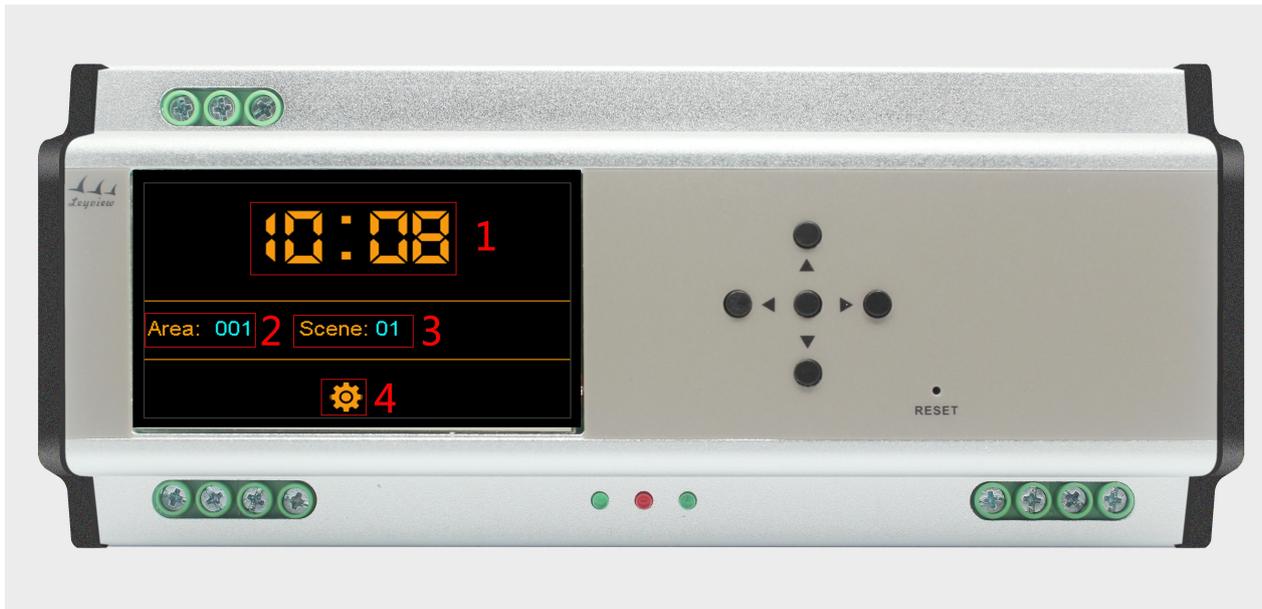
4. Interface Specifications



Serial number	function	serial number	function
1	The alternating current input	12	Input signal light
2	The alternating current input	13	power light
3	The alternating current input	14	Input signal light
4	12V power output	15	Increase button
5	EDX signal A	16	Reduce button
6	EDX signal B	17	Turn back button
7	GND	18	Turn front button
8	12V	19	Confirm button
9	DMX Signal A	20	Program download interface
10	DMX Signal B	21	Internet access interface
11	GND	22	USB

5. Use instruction

5.1 The host interface



5.1.1 System time

5.1.2 Currently running area number

5.1.3 The current operation area is the scene

5.1.4 Select function button

5.2 MODE Scene



5.2.1 Touch function key  to enter MODE scene, please refer to previous picture for the following operating.

5.2.2 Touch “Call scene”, enter the regional scenarios scene.

5.2.3 Touch “Scene”, enter the scene configuration screen, configuration corresponding to the CP, SC of fades DMX512 , fading time, scene model.

5.2.4 Touch “DMXOUT”, enter the interface of view the DMX512 current output

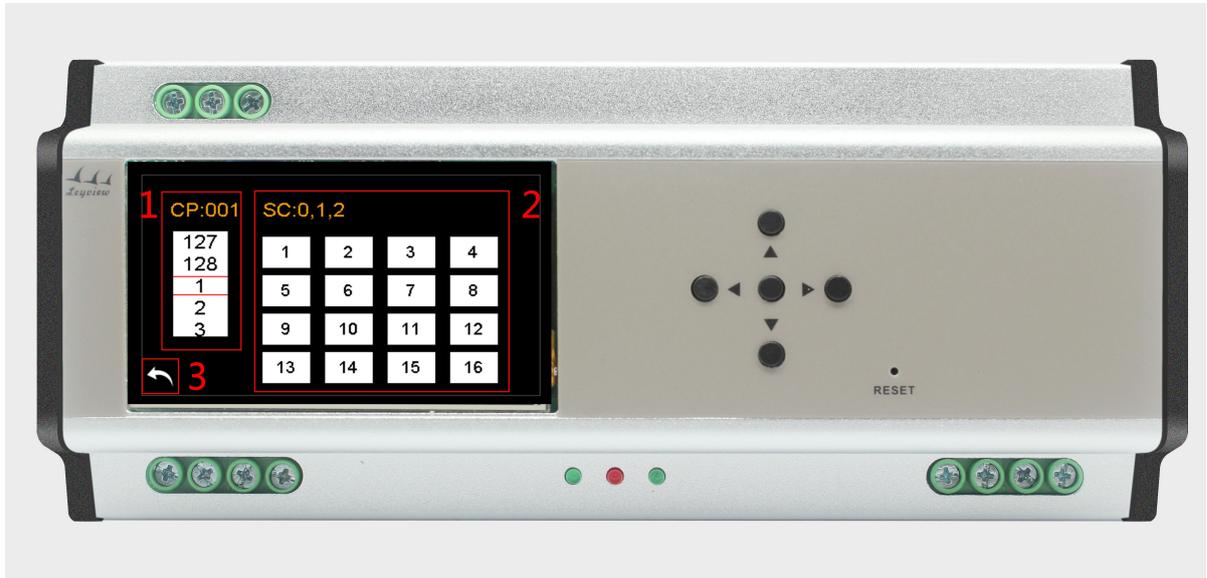
5.2.5 Touch “Calendar”, enter the date of the timer interface, Configure the timer

5.2.6 Touch “Astro”, enter the astro of the timer interface, Configure the timer

5.2.7 Touch “Timer”, enter the timer switch interface

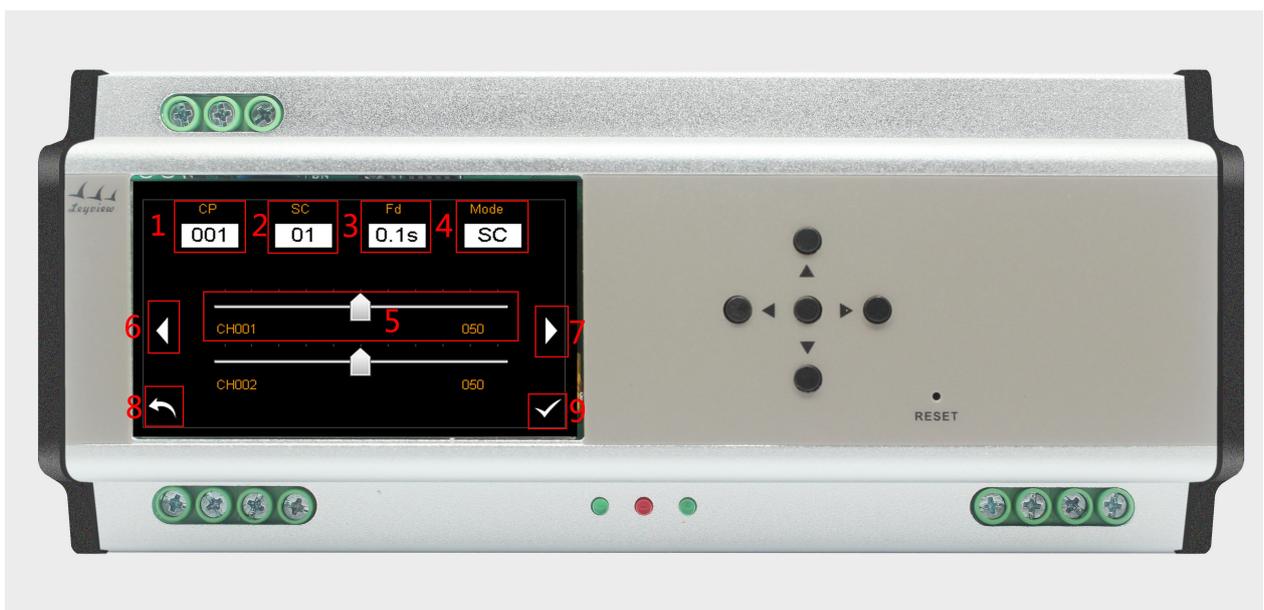
- 5.2.8 Touch “Clock”, enter the system clock interface
- 5.2.9 Touch “Patch”, enter the system patch interface
- 5.2.10 Touch “Address”, enter setting IP address interface.
- 5.2.11 Touch “Password”, enter setting password interface

5.3 Call Scene



- 5.3.1 Under the MODE interface touch “Call scene “into the selected regional scene interface , you can make the user to configure each scenario
- 5.3.2 CP:display area, SC:display the selected scenario
- 5.3.3 On the left,as picture 1, “regional selection area” ,Through touch or up/down button to select, the selected area dispaly on “CP” postion.
- 5.3.4 On the right,as picture 2, “scene selection area” , Through touch to select scene, the selected scene dispaly “SC” postion.
- 5.3.5 On the down,as picture 3,setting back fuction scene.

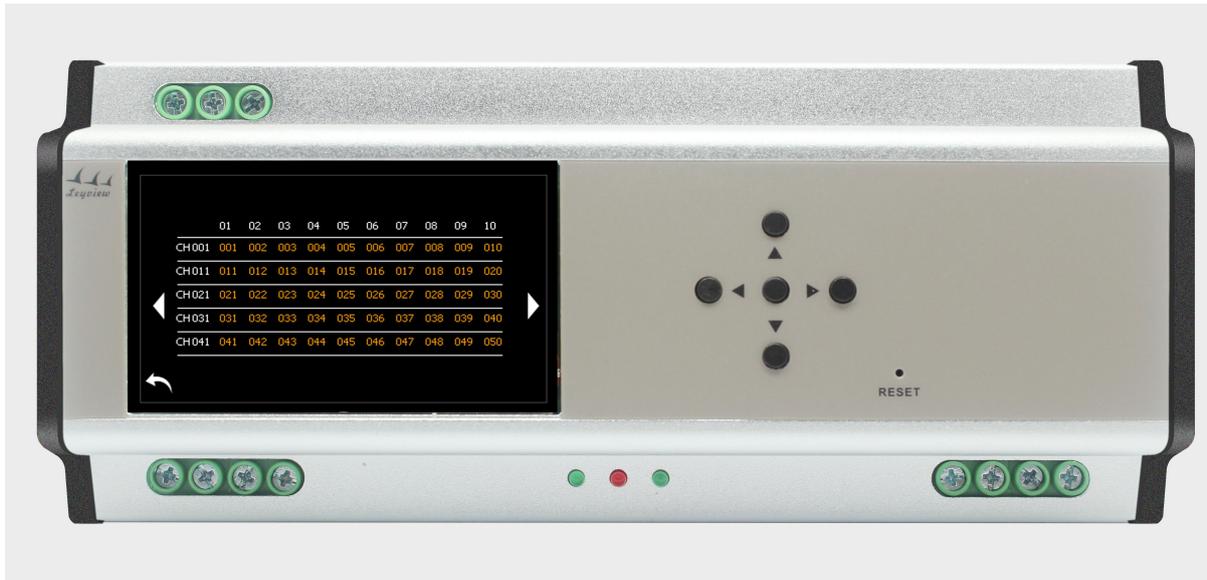
5.4 Scene



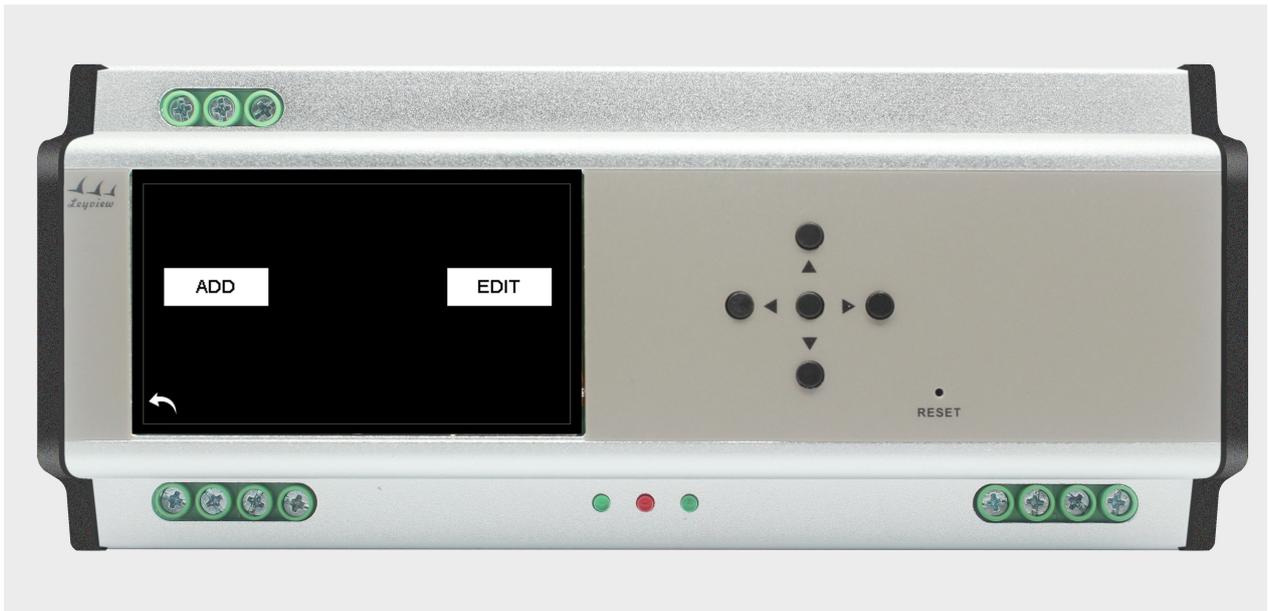
- 5.4.1 Under the MODE interface touch “scene “into the selected scene interface.

- 5.4.2 Display the current selected area, through up/down key to select the area
- 5.4.3 Display the current selected scene, through up/down key to select the scene
- 5.4.4 Display the current selected fading time, through up/down key to select the time
- 5.4.5 Display the current scene mode, SW, SC two kinds
- 5.4.6 The current channel number:0-100 or NC, can slide to adjust
- 5.4.7 Touch to turn paper, also can through right/left key
- 5.4.8 Touch to turn paper, also can through right/left key
- 5.4.9 Back function scene.
- 5.4.10 Confirm to store the scene data.

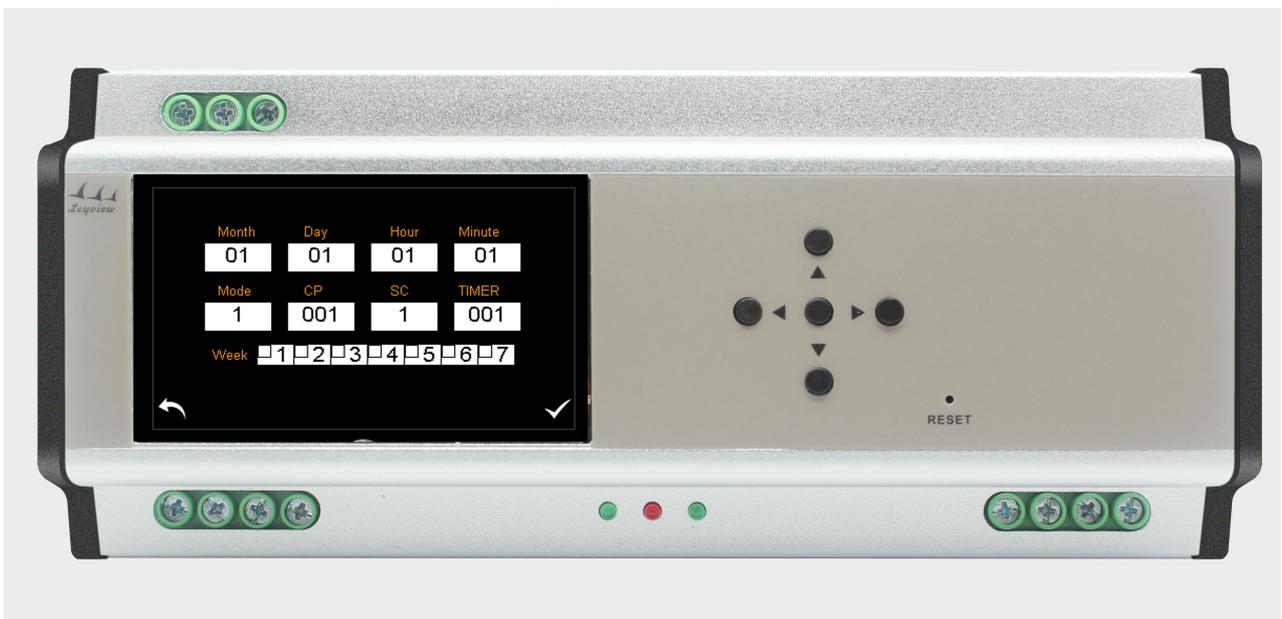
5.5 DMXOUT SCENE



- 5.5.1 Under the MODE interface touch “DMXOUT “into scene, check current 512 output number
 - 5.5.2 Initial channel coding
 - 5.5.3 The output number of the corresponding channel
 - 5.5.4 Turn-back, also through right/left key to turn
 - 5.5.5 Turn-front, also through right/left key to turn
 - 5.5.6 back function scene
- ## 5.6 Calendar Scene
- Under the MODE interface touch “Calendar “into scene. As the picture, display “ADD” AND “EDIT”



5.6.1 Touch ADD into the following scene.



This interface function mainly is to add a timer, timer is divided into two kinds, one is the Data on, according to the precise time to trigger the user Settings, one is the Data OFF is triggered by the week to cycle

“Month” ; “Day” ; “Hour” ; “Minute” ; “Mode” ; “CP” ; “SC” ; “Timer” ; “Week”

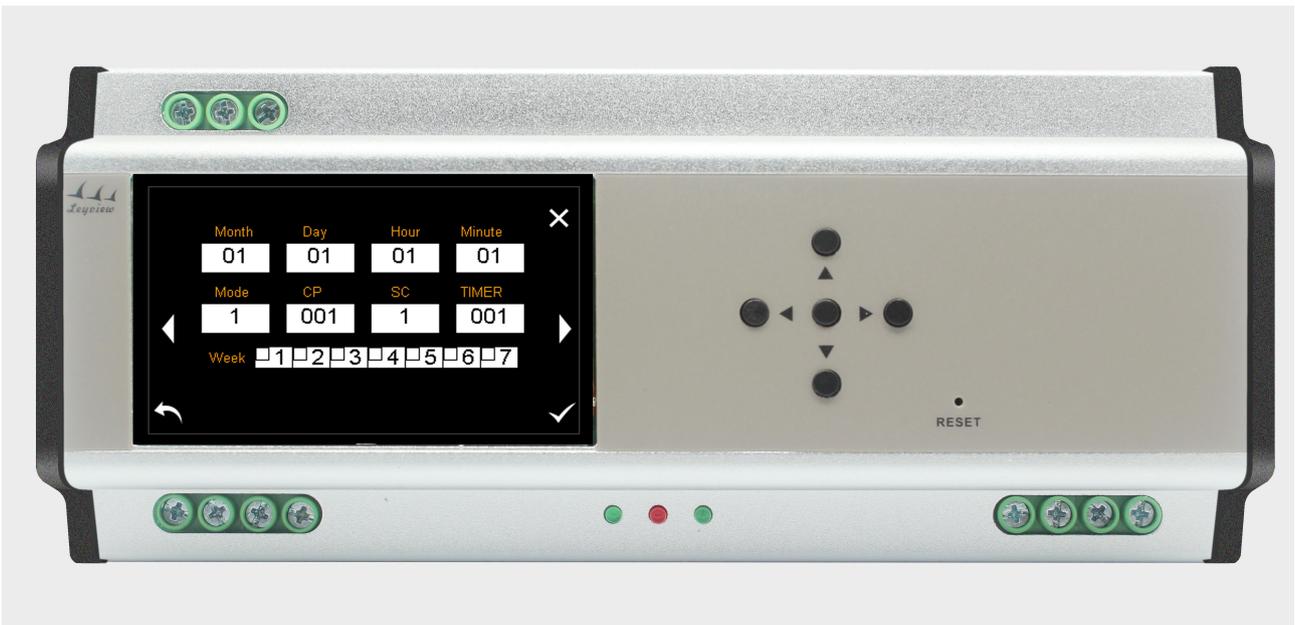
selected the need area , press up/down key to adjust need time,mode,scene,so on “Week” touch to select



touch to back



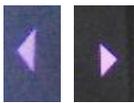
5.6.2 Touch EDIT to enter the following scene



“Month” ; “Day” ; “Hour” ; “Minute” ; “Mode” ; “CP” ; “SC” ; “Timer” ; “Week”

selected the need area ,press up/down key to adjust need time,mode,scene,so on “left/right to turn paper

“Week” touch to select



touch to turn paper



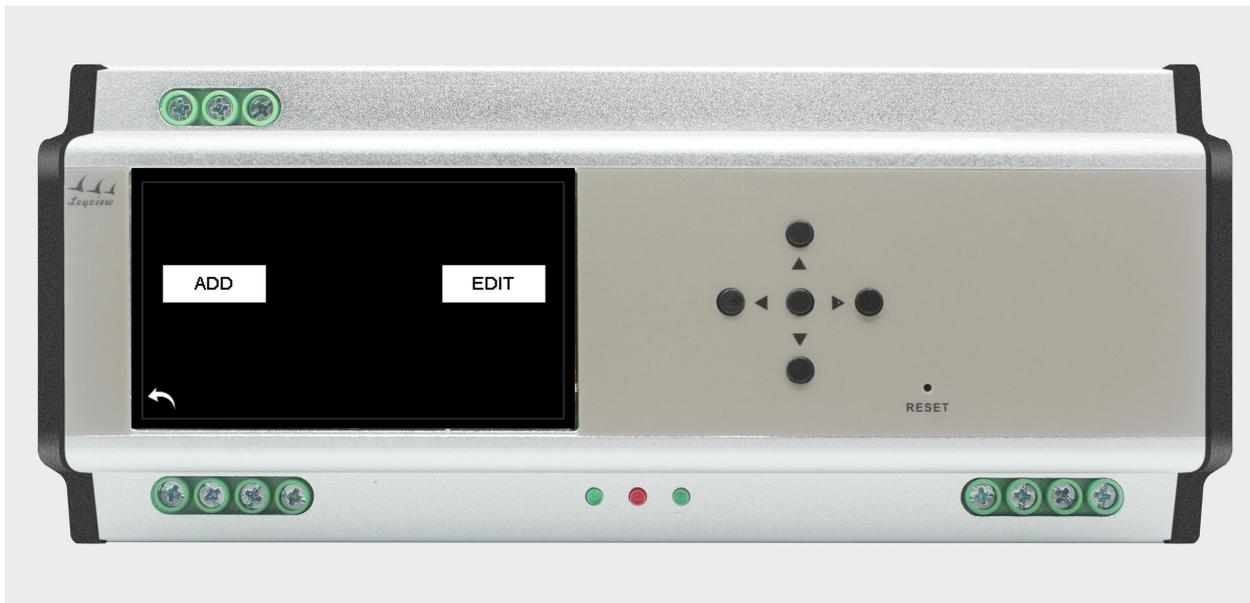
touch to back



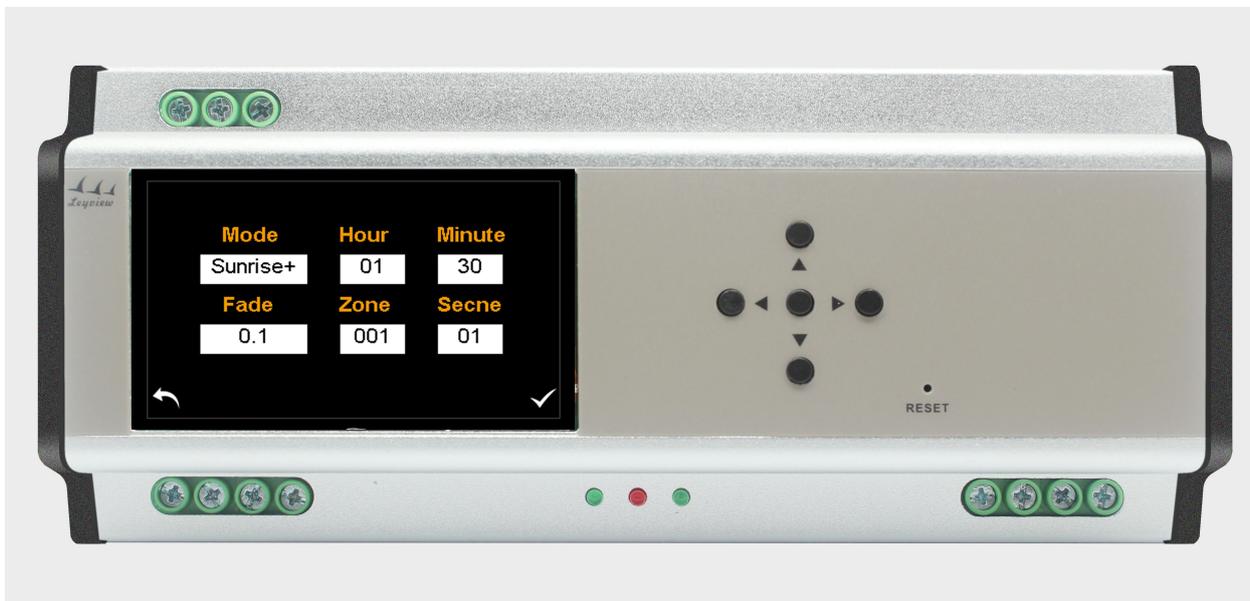
close

5.7 Astro Scene

Under the MODE interface touch “Calendar “into scene.As the picture,dispaly “ADD” AND “EDIT”



5.7.1 Touch ADD into the following scene.



The interface function is mainly to add astronomical timer, timer four points, each :

- Sunrise+: After sunrise
- Sunrise-: Before sunrise
- Sunset+: After Sunset
- Sunset-: Before Sunset

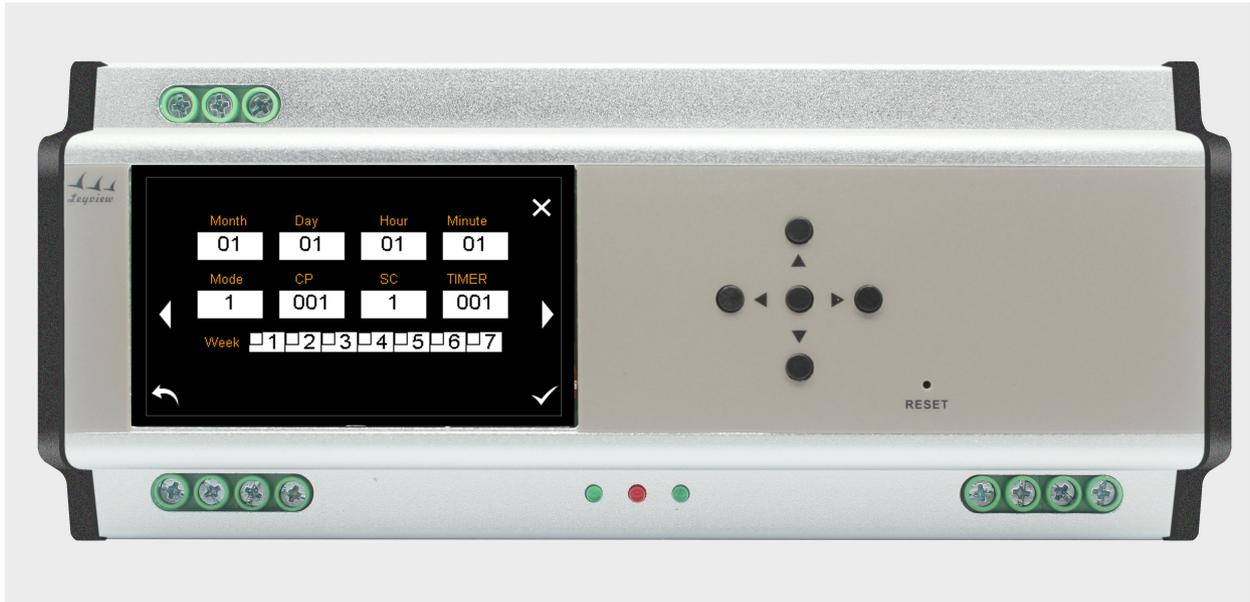
“Mode” ; “Hour” ; “Minute” ; “Fade” ; “Zone” ; “Secne” ;
 selected the need area ,press up/down key to adjust need time,mode,scene,so on



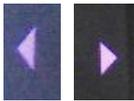
touch to back



5.7.2 Touch EDIT to enter the following scene



“Mode” ; “Hour” ; “Minute” ; “Fade” ; “Zone” ; “Secne” ;
 selected the need zone ,press up/down key to adjust need time,mode,scene,so on



触摸翻页; touch to turn paper



touch to back



confirm



关闭此界面; close

5.8 Timer Scene

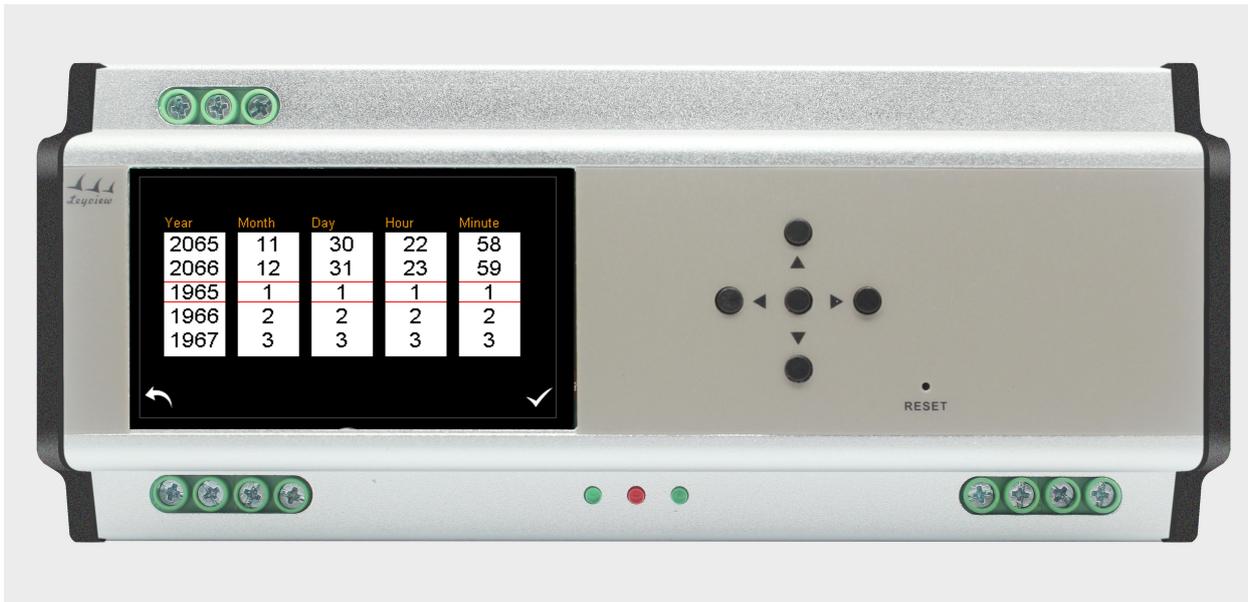


Under the MODE interface touch “Timer” to enter time scene.
 touch on or off ,open or close the time



touch to back

5.9 Clock Scene



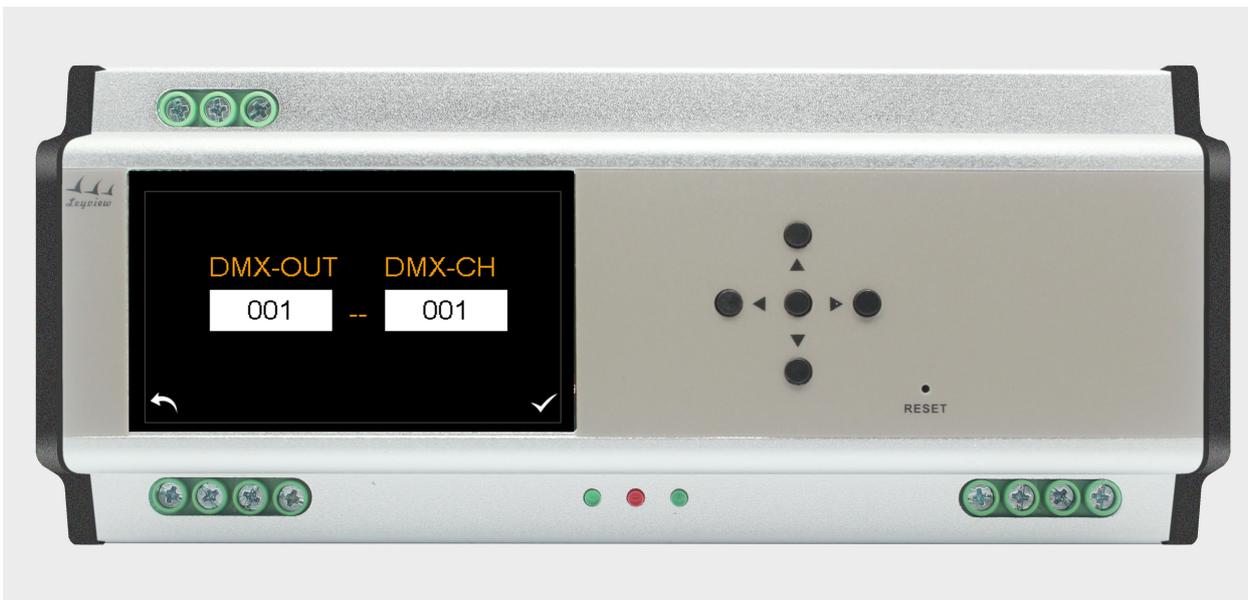
Under the MODE interface, touch Clock to enter clock scene.
“Year”, “Month”, “Day”, “Hour”, “Minute”;
touch/slide the corresponding options



touch to back



5.10 Patch Scene



5.10.1 Under the MODE interface, touch Patch to enter clock scene.

“DMX - OUT” : DMX - 512 agreement channel number
“DMX - CH” : the native DMX output channel number;

Use such as : users need that DMX data of the third channel output is the same

as the fifth channel' s, only need to choose DMX-out to 003 at first, and then set the DMX - CH to 005, so it can realize the user' s needs.

Selected area, according to the "key" can adjust to value, etc

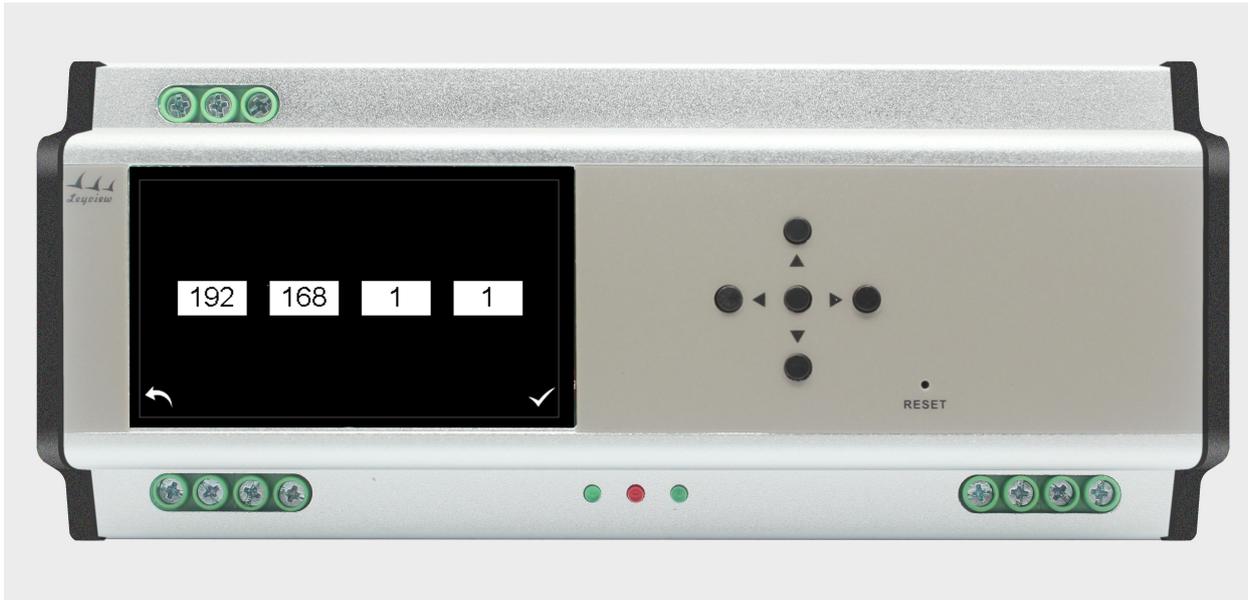
5.10.2 Touch/slide the corresponding options



Touch to back



5.11 IP Scene



5.11.1 Under the MODE interface touch "IP" to enter IP setting scene.

5.11.2 Selected corresponding IP parameter, through adding/reducing key to configuration

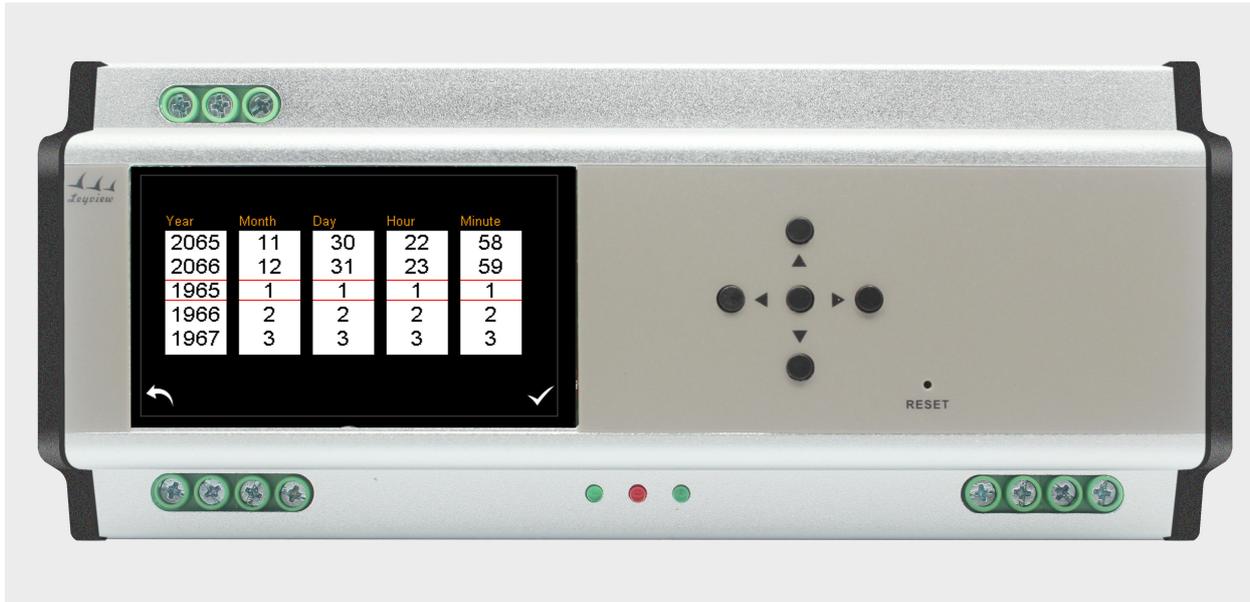


touch to back



store configuration parameter

5.12 Password Scene



- 5.12.1 Under the MODE interface touch “Password” to enter password scene.
- 5.12.2 Touch slider to select password need.

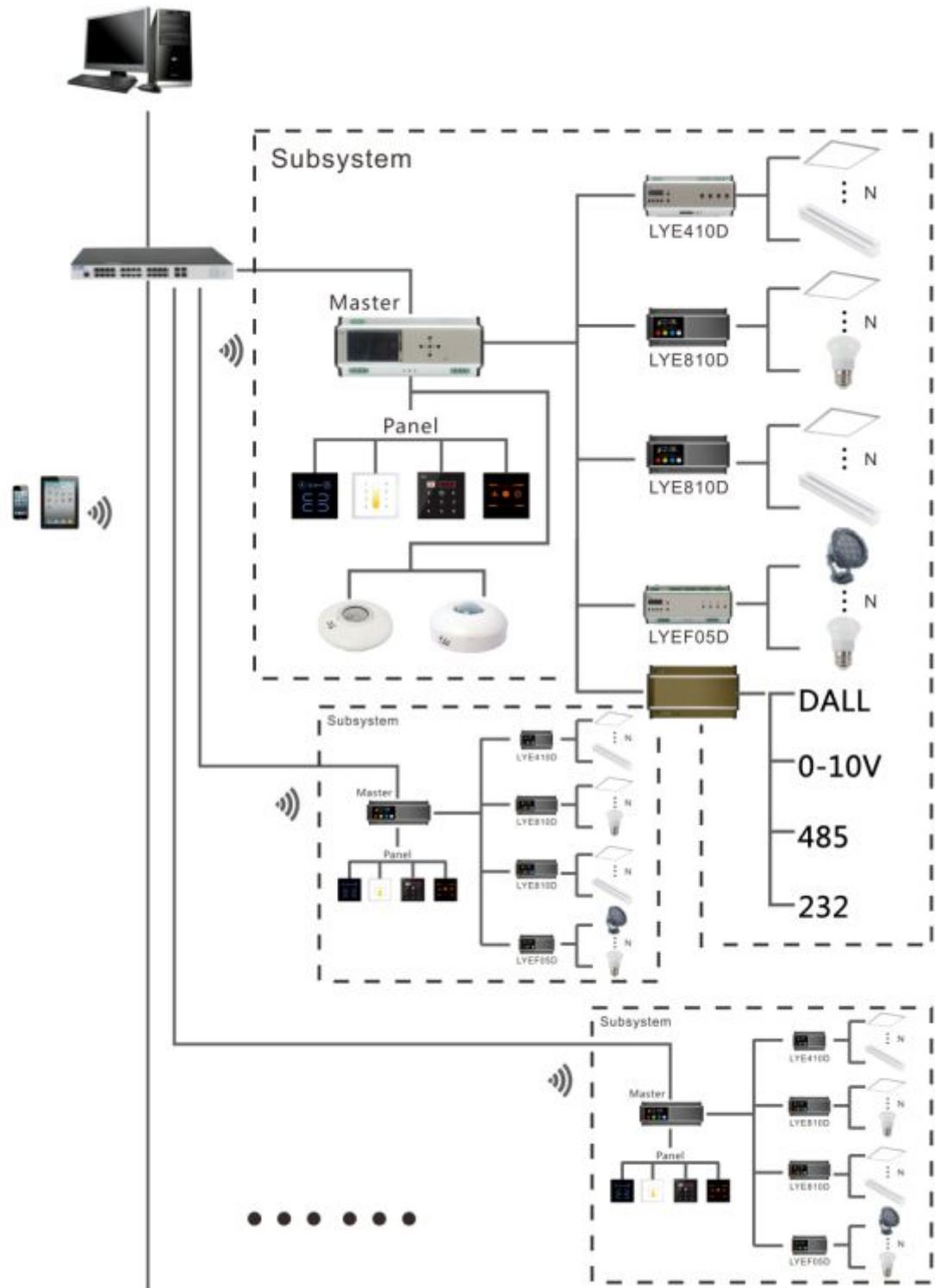


touch to back

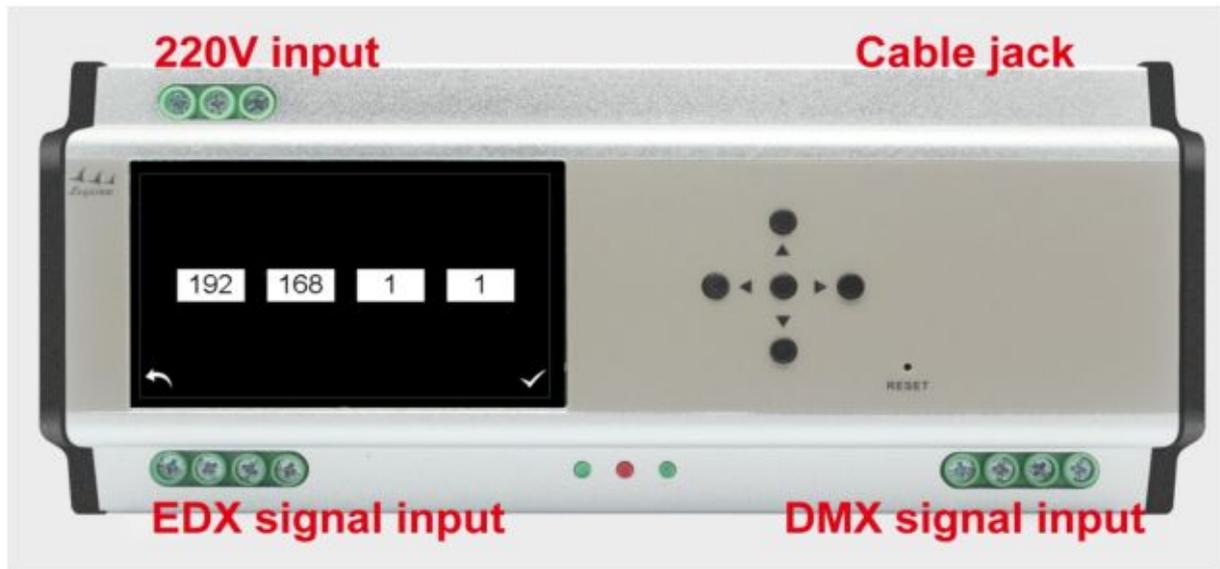


store configuration parameter

6. Typical Application



7. Assembly method



8. Attention matters

- 8.1 Connect the load line, and then connect the power cord; Before power on to ensure no short circuit between input and output cables
- 8.2 Power supply voltage ranger for controller $DC12 \sim 24 v$, the over voltage range may burn out the controller