Products Specification

Name：DALI Master Touch Screen Control

Model：**LD1130063**



1.Summarization

Touch screen master controller can hook two channel DALI signal and it can control at most 128 pcs devices and can group the devices, set the scenes and have timing function. Users can dim a singal lights or dim a group. You can set the scene mode freely and call any scene at your will. This controller is suitable for the lighting control requirements of family, hotel, and large meeting places.

Touch screen master controller is a controller which is based on smart system.The touch screen adopts the popular capacitive touch technology, It is a control panel using software virtual metallic. This software is easy to use and very simple for user-defined settings. It can realize a variety of lighting control effect quickly and easily.

2.Technical parameters

2.1Working temperature：-20～60 ℃

2.2 Supply voltage：DC 12V,1A

2.3 Output：at most 128 channels DALI lighting devices.

2.4 Connect way： network cable

2.5Packing size：245*165*60mm

2.6 External dimension：210mm*127mm*45mm

2.7 Net weight：721g

2.8 Gross wet:876 g

2.9 Static power consumption：12W

3.Touch Screen external Dimension



4.Interface instructions



1. Power input port (DC12V);2.DALI 1 bus interface;3.DALI 2 bus interface;

5.Instructions for software function

5.1 Introduction of system function in different areas

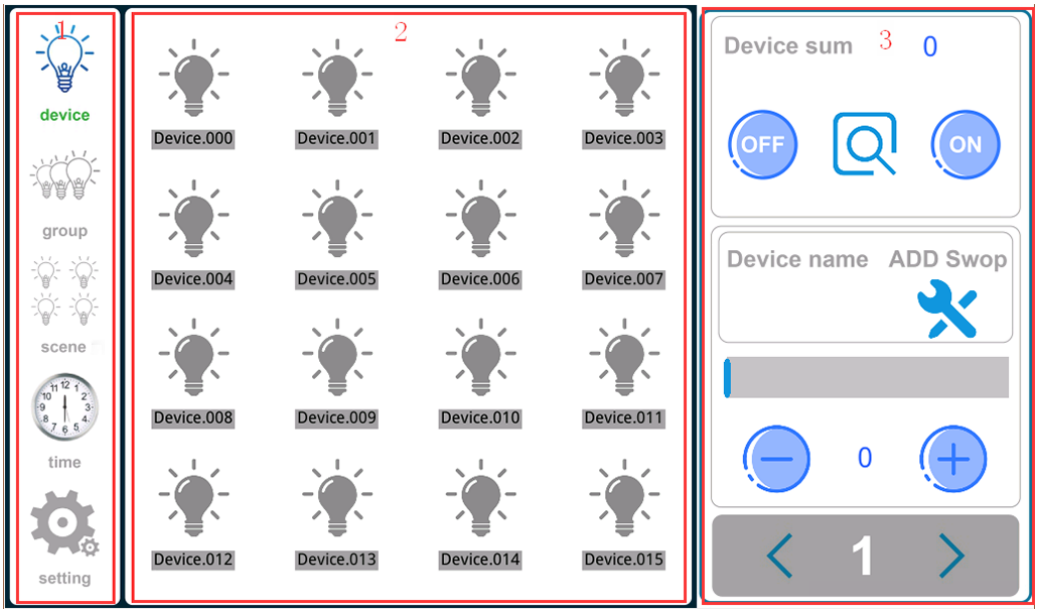


Figure 1

AS showed in figure 1, this system was divided into 3 areas as follows:

5.1.1 system menu(number 1 showed in figure 1):it includes 5 function button: device, group, scene, timer and setting.

5.1.2 Content pane:(number 2 showed in figure 1): display device information(device quantity and name)、group information(group name and picture).

5.1.3 scene information(scene name and picture).timer information (timer name).setting information:(time calibration, installation testing, reset, help and property).

5.2 Introduction for software function

5.2.1 Device control: choose one terminal device to control, eg: control the brightness.

5.2.2 Group control: choose a group to add or delete devices, or you can group control the brightness. When you are using grouped controls, the brightness for this group will be the same.,

5.2.3 Scene control: Choose one scene to add or delete devices. The brightness of the lamp in this scene can be different. It is more flexible than group control. Scene can be applied to timer.

5.2.4 Timer: choose one timer to set (time or scene name), after the timer start, it will execute the corresponding scene in the time you set. You can turn on or off all the timer at the same time, or, you can turn on or off one timer respectively.

5.2.5 setting: brightness adjustment;Restart the machine, click restart now, no prompt;The local data will be restored to the factory state (the default password (686890) or the user-defined password will be required);All the following devices, including the machine, will be restored to the factory state (password will be required, which can be the default password (686890) or the user-defined password);Screen break time (unit second);Lock screen password setting.

5.3.Instruction for software system

5.3.1 click the lock button in the interface (as shown in figure 2) to enter the unlock password to enter the user interface. The unlock password can be either the initial password (686890) or the user-defined password. After input, press enter to confirm.



Figure 2

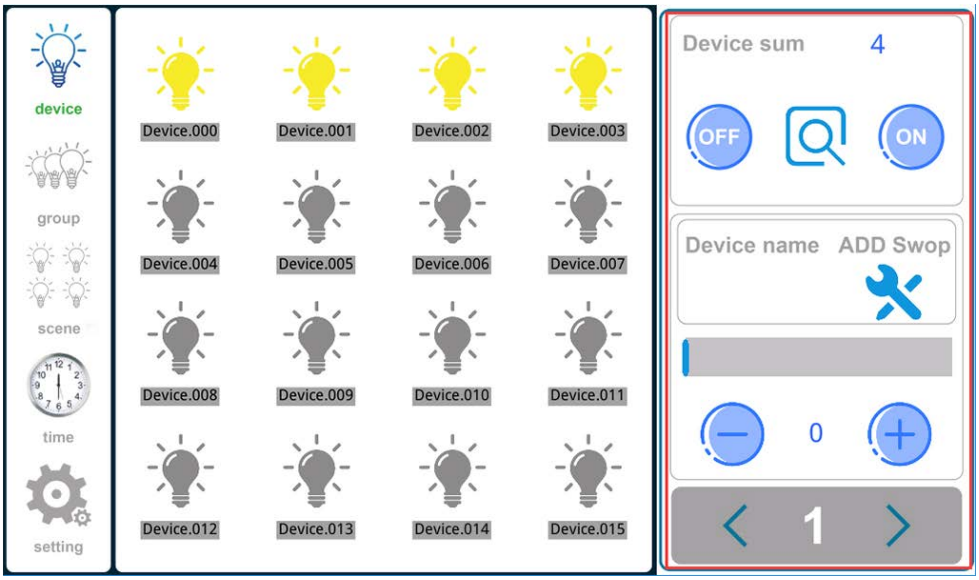
5.3.2 device is a single device page, which can support up to 128 devices;The device icon is gray at the beginning of start up, indicating that there is no device on the machine. You need to click the "device search" button to search to display the device connected to the machine.The serial port

screen cannot be operated during the device search. The operation can only be carried out after the prompt box disappears after the search is completed, as shown in figure 3.

In figure 3, the red box is the configuration page of a single device, which can be used to adjust brightness and rename the device.

Where "Device sum" shows the total number of current devices;"Device name" is the display of the currently selected Device name, and you can rename the selected Device (if the Device icon is not selected , the Device icon is selected);"ADD Swop" is device address change (address change is only supported for devices in the same channel that are not assigned an address number)./ for full close/full open button;Is the brightness adjustment of the device. The slider above the fine-tuning button is the brightness adjustment bar of the device. The value in the middle of the fine-tuning button is the brightness value of the device, which can display the brightness value of the current device.

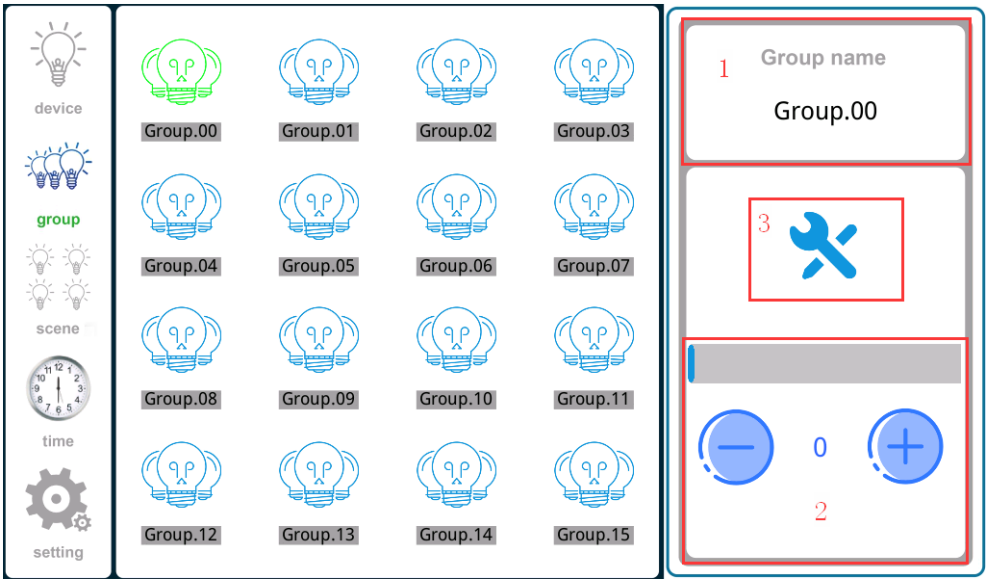
Page turning button at, page turning operation can be carried out here for the single page (there are 8 pages in the single page, each page can display 16 devices)



Picture 3

5.3.3 group is a group page. Click "group" to enter the group page, as shown in figure 4.

In figure 4, the red box 1 is the group name, and the currently selected group can be renamed here (the group icon will be shown as green after selecting the group).Box 2 is the brightness adjustment area. "+" and "-" buttons can be used to fine tune the brightness of the currently selected group. The value in the middle of the two buttons is to display the brightness value of the currently selected group.Box 3 is the button to enter the group configuration page. After selecting the group, click this button to enter the group configuration page.



Picture 4

In the Group configuration page, devices in the currently selected Group can be added or deleted (as shown in FIG. 5). "Group name" in the page is the name of the currently selected Group.If no item is added to the current group, the device icon will appear gray.The buttons  in the page can search the devices in the current selected group, the buttons  can return to the previous page, and the buttons  can turn the current page.

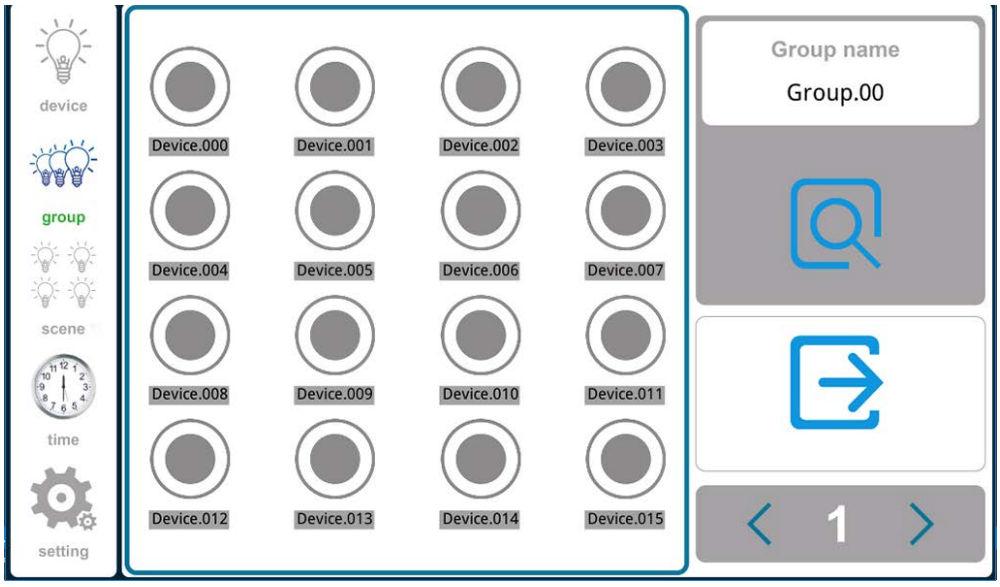


Figure 5

5.3.4 scene is the scene page. Click "scene" to enter the scene page, as shown in figure 6.
Click the button in the box in figure 6 to enter the scene configuration page. "scene name" shows the name of the currently selected scene, and you can rename the currently selected scene here (if the scene is selected, the scene icon will turn green; Unselected ones are blue).

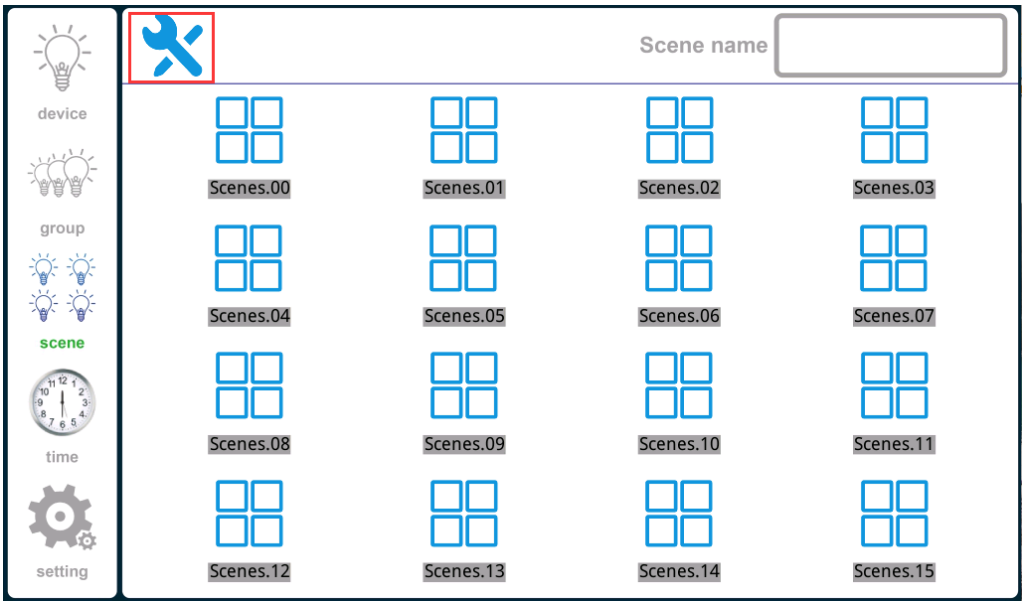


Figure 6

In the scene configuration page, devices in the currently selected scene can be added or deleted (as shown in figure 7). If the device has been added to the current scene, the device icon will be shown in blue.If the device icon is not added to the current scene, it will be displayed as gray. Click the gray device icon to add the device to the current scene.

Scene configuration page for the "scene name" shows the currently selected scenario, the name of the "Device name" shows the name of the currently selected Device in the current scenario (selected equipment icon shows for the green), figure 6 red box for the currently selected equipment brightness control area of the scene, but through the "+" and "-" button for the currently selected scene brightness fine-tuning in equipment, two button displays the currently selected scenario is the value in the middle of the brightness values of equipment, can also use the slider to adjust the brightness of the currently selected group.

In the scene configuration page, the button can search the devices in the currently selected scene, remove the devices in the selected scene, return to the previous page, and 1 turn the current page.

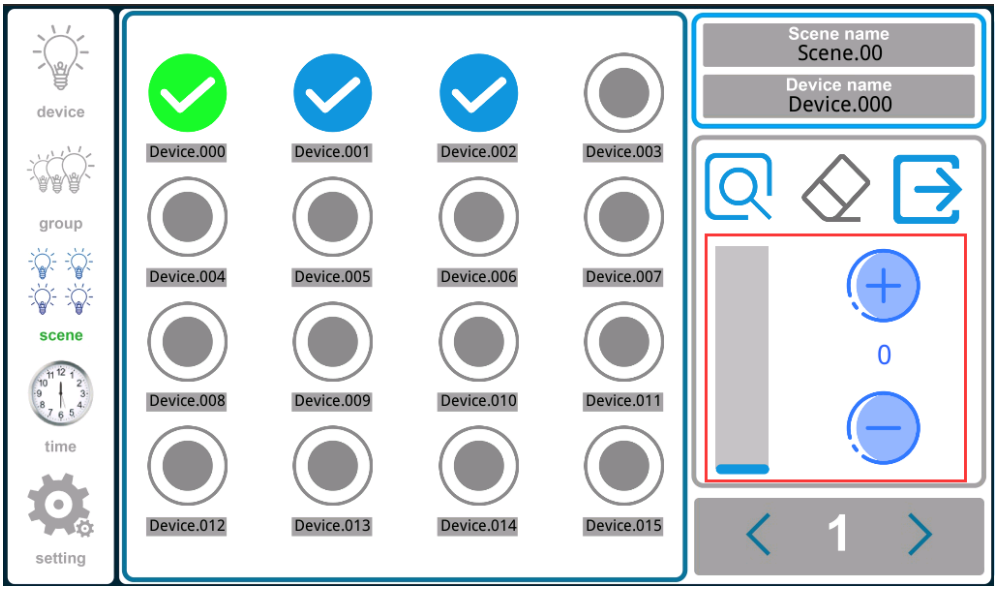


Figure 7

5.3.5 time is the timer page. Click "time" button to enter the timer page, as shown in figure 8.
The options of "Year", "Month" and "Day" on the timer page are "Year", "Month" and "Day". If the date has been filled in, the weekly option cannot be selected for the dates in the same timer group (box 1 is the weekly option).Also, if the weekly option is checked, the date in the same timer group cannot be selected to fill in.The "" button is the timer switch. When the button is blue, the timer is on (if the trigger date is year, month and day, the timer will be triggered once, and if the week meets the requirements, it can be triggered). When it is gray, it is not on.The "system time" at the bottom of the page displays the system time. The blue arrows on the left and right sides of the system time are the page turning keys of the timer page, which can turn the timer page.If you don't need one of the timer options, you can clear the options and click the box below the options to bring up the page in figure 9 and select enter

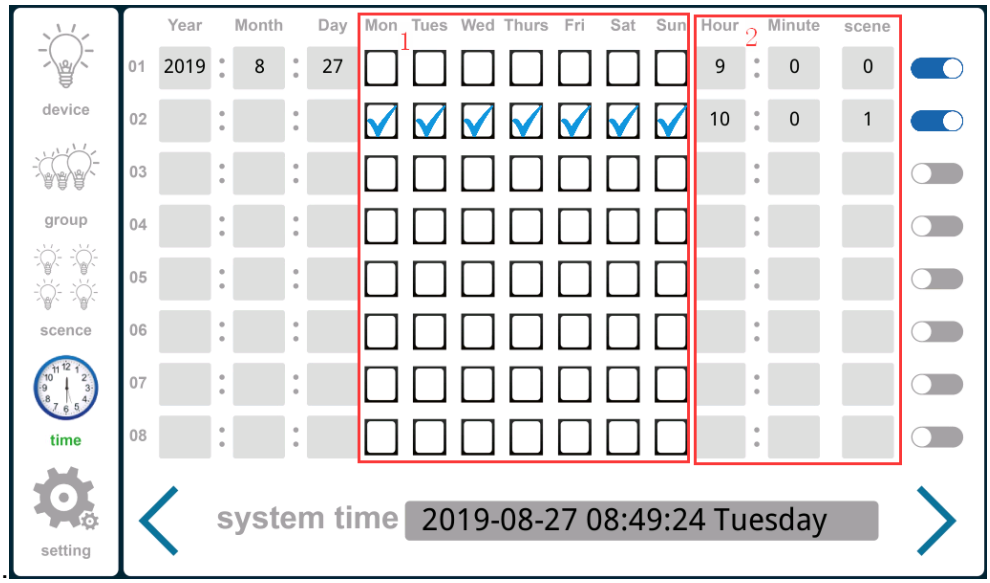


Figure 8

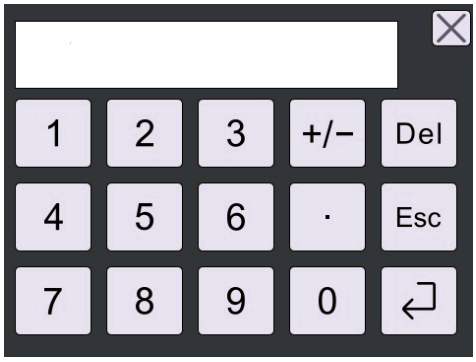


Figure 9

5.3.6 setting is the system setting page. Click "setting" to enter the system setting page, as shown in figure 10.

The Backlight icon is the native user interface brightness adjustment button.

The Restart icon is the Restart button of the local system. When clicked, it will Restart automatically without any prompt.

The icon of "Restore Factory" is the button of "Restore Factory Settings" (Restore Factory state of native data). After clicking, a password will be required, which can be the default password (686890) or the user-defined password.If the password is entered incorrectly, the interface will not show any reaction after clicking the "confirm" key. If the password is entered correctly, the interface will return to the setting after clicking the "confirm" key.

The icon of "Reset" is the button of "Reset" (all the devices under the device are restored to the factory state including the device). After clicking it, a password will be required, which can be either the default password (686890) or the user-defined password.If the password is entered incorrectly, the interface will not show any reaction after clicking the "confirm" key. If the password is entered correctly, the interface will return to the setting after clicking the "confirm" key.

The "Sleep" icon is the screen time button, which can be dimmed to set the screen time of the unit (time per second).

The "Lock screen" icon is the password setting button, which can be clicked by the user to change the password

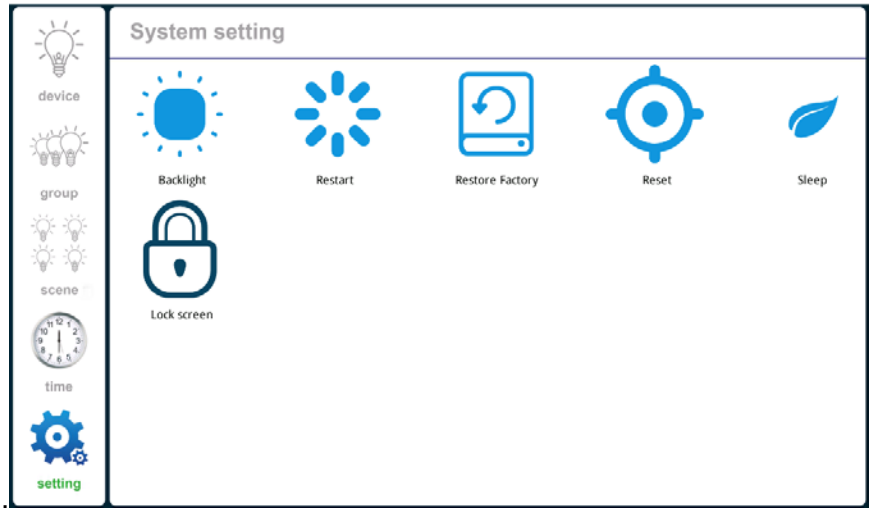


图 10

6.Typical applications

