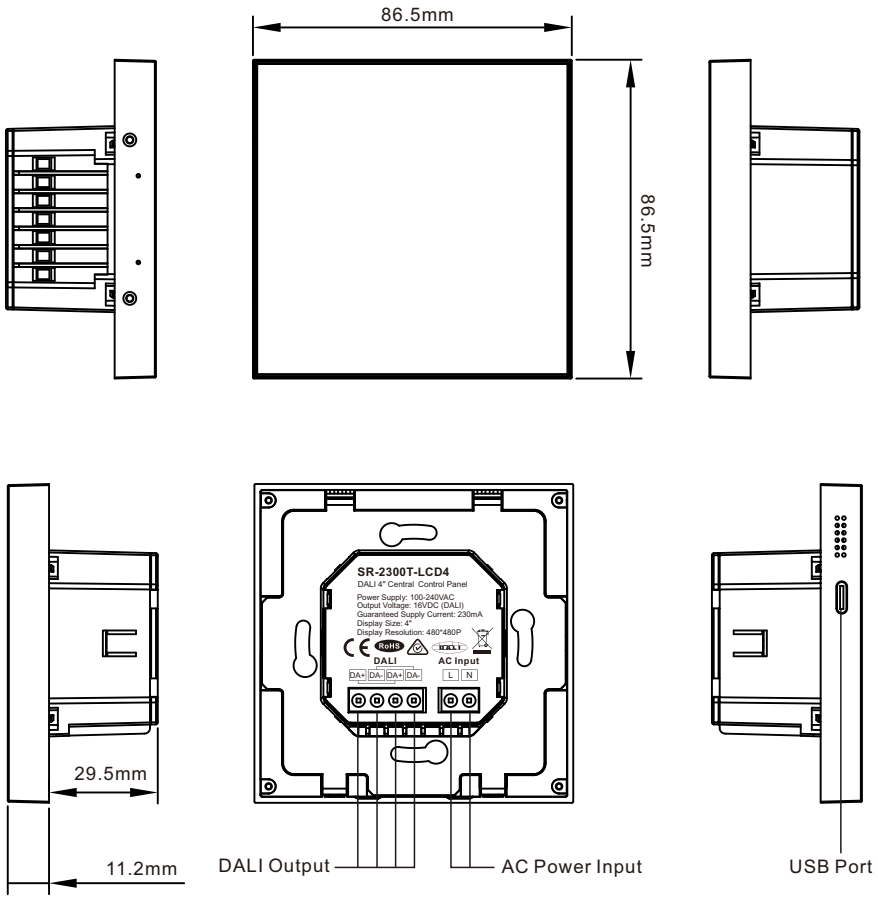
DALI Master Controller with 4" LCD Monitor

CE RoHS COMPLIANT

Important: *Read All Instructions Prior to Installation*

Product Introduction



Product Data

Power Supply	Output Current
220VAC	230mA

1. Product Description

The DALI master features a 4" LCD control panel, serving as the control hub for DALI decoder loads. Its main characteristics include:

- Automatic allocation and management of addresses for up to 64 control gears
- Control of 64 addresses for control gears
- Support for five types of DALI loads and color types (Dim, CCT, XY, RGBWA, SW)
- Each control gear can set up to 16 scenes
- Each control gear can configure up to 16 groups
- Up to 16 timer tasks can be configured, with each timer task able to: a. Invoke scenes for all, groups, or individual control gears; b. Start and stop bionic operation mode tasks for all, groups, or individual CCT-type control gears over a 24-hour cycle
- Up to 4 bionic operation CCT tasks can be configured. Each color temperature curve can set brightness and color temperature across 24 time intervals from 00:00 to 23:00 for gradual control
- Settings and management of parameters such as button sound volume and tone, RTC, etc
- Accompanied by PC configuration tool software for parameter setting, reading, and management of the DALI master and control gears

2. Screen Saver Function

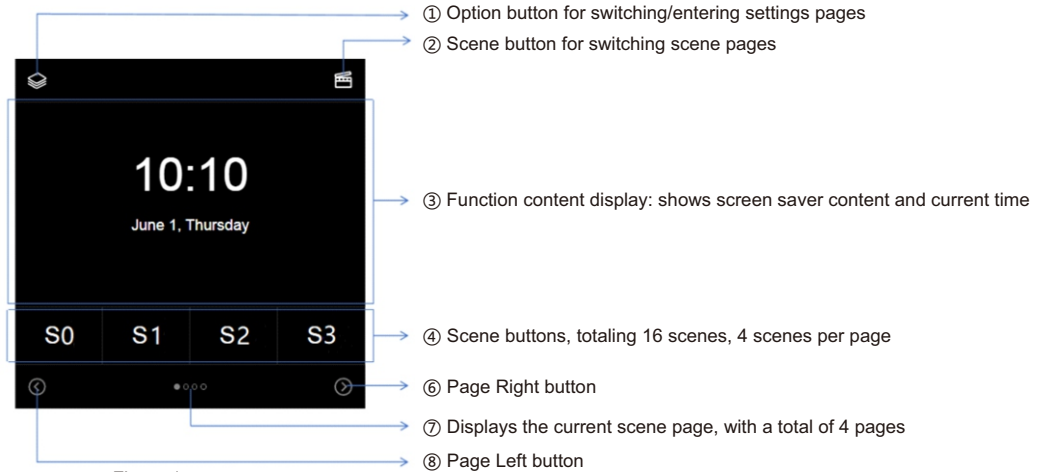


Figure 1

2.1 Screen Saver Operation

2.1.1 Entering and Exiting the Screen Saver Page

Entering the screen saver: The panel enters screen saver mode (as shown in Figure 1) if there is no touch input for 5 minutes and the distance sensor detects no presence.

Exiting the Screen saver: When the screen saver is active, touching the area indicated as ③ in Figure 1 or detecting a presence with the distance sensor will exit the screen saver, returning to the page before the screen saver.

2.1.2 Scene Control on the Screen Saver Page

A. As shown in Figure 1, when the panel is in screen saver mode, tapping the scene button "Sx" will turn on the corresponding scene. ("Sx": Scene number, ranging from S0 to S15.)

B. Tapping the "Page Left" or "Page Right" button will switch the scene button pages.

3. Control Function

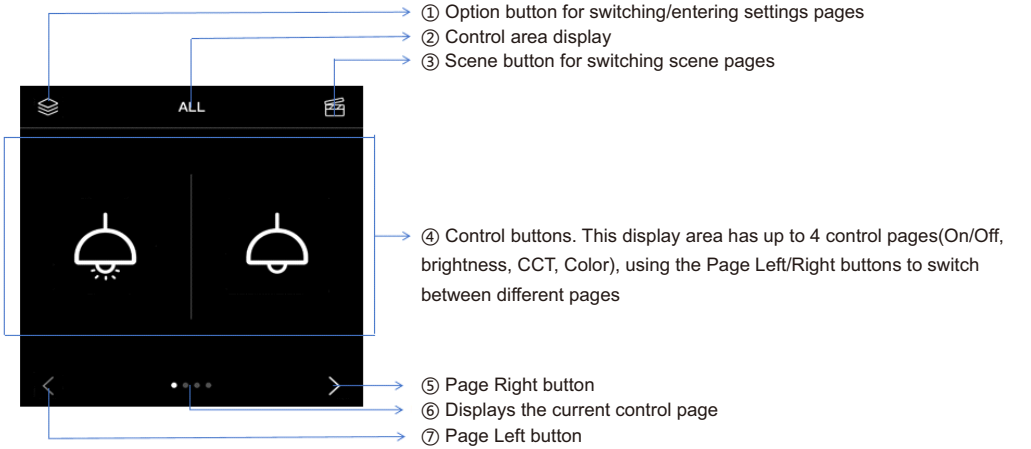


Figure 2

3.1 Control Area

Using the option button, you can return to the main control page, as shown in Figure 2. Each press of the option button switches between three main control areas: “All,” “Group,” and “DEVICES.” Clicking on the submenu of a control area and then clicking the corresponding area will expand that area’s control page.

A. Control area definitions are as follows:

“All”: For all control devices under the master controller.

“Group (Gxx)”: For control devices within a specific group under the master controller; you can select from 16 groups.

“DEVICES (Axx)”: For a specific control device under the master controller; you can select devices numbered 0-63.

B. Control Area Selection

Each press of the option button switches the main control area among “All,” “Group,” and “DEVICES.” When in the Group or DEVICES area, clicking the corresponding number allows you to select the group number or device address. Clicking again on the corresponding area will expand that area’s control page, selecting it as the current control area.

3.2 Device Control

A. Area Control

a. As shown in Figure 3, click icon to turn on all devices in the control area; click icon to turn off all devices in the control area.

b. As shown in Figure 4, touch the slider to adjust the brightness of all dimmable devices in the control area. Clicking the lamp icon in the center can turn on/off all devices in that area.

c. As shown in Figure 5, touch the slider to adjust the color temperature of all CCT devices in the control area. Clicking the lamp icon in the center can turn on/off all devices in that area.

d. As shown in Figure 6, touch the slider to adjust the color of all RGB devices in the control area. Clicking the lamp icon in the center can turn on/off all devices in that area.

Figure 3

Figure 4

Figure 5

Figure 6

Note: The pages vary based on the types of devices in the area. This example uses the “ALL” area for illustration.

B. Scene Control

a. Entering and Exiting the Scene Control Page:

Click the Scene button in the upper right corner of the display once to enter the scene control page, as shown in Figure 7. Click the Scene button or the Option button again to exit the scene control page.

b. Scene Control:

As shown in Figure 7, there are a total of 16 scene control buttons. Clicking the corresponding Sxx scene control button will open that scene.

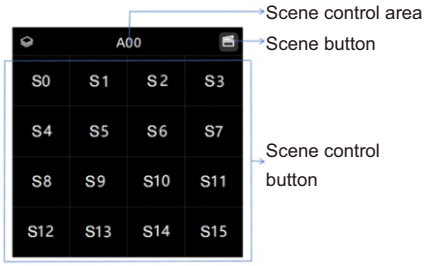


Figure 7

4 Device Parameters and System Parameters Configuration

4.1 Entering and Exiting the Device Parameters and System Settings Page

When the panel is not in screen saver mode, press and hold the Option button for about 1 second to enter the device control parameters and system settings homepage, as shown in Figure 8. There are a total of 6 pages of settings items; use the Page Left and Page Right buttons to navigate between them.

While on the device control parameters and system settings page, clicking the Option button or Scene button once will exit this page.

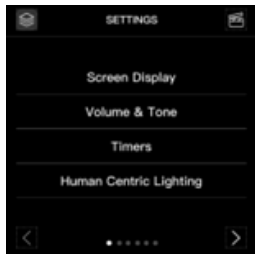


Figure 8

4.2 Device Control Parameters Configuration

As shown in Figure 8, use the Page Left and Page Right buttons to select the settings items page. Clicking once on the corresponding option enters selected device control parameter settings page. Figure 9 shows the first page of the device control parameters configuration, where you can switch between different function settings using the Page Left and Page Right buttons. A total of 18 configurable items and 1 firmware version display page are available.

Figure 9

Figure 10

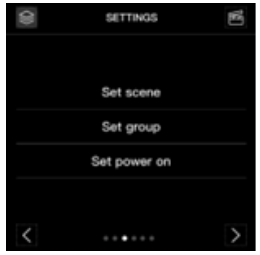


Figure 11

Figure 12

Figure 13

Figure 14

4.2.1 Screen Display

1) Introduction to Screen Display

The Screen Display feature includes both the LCD screen saver function and the automatic screen off function. When the screen saver function is enabled, if there is no touch input within the set screen saver time, the display will enter the screen saver page. Similarly, if the automatic screen off function is enabled, if there is no touch input within the set time, the display will automatically turn off.

2) Entering the Screen Display Settings Page

Switch to the first page of device control parameters and system settings using the Page Left and Page Right buttons. Click once on the “Screen Display” option to enter the Screen Display settings page, as shown in Figure 15, which has two settings items. Click on the item you wish to modify to enter its submenu. Figure 16 shows the submenu for the Screen Saver.

Figure 15

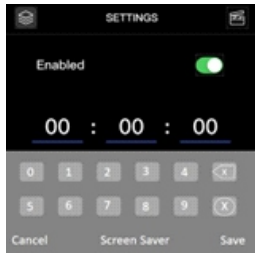


Figure 16

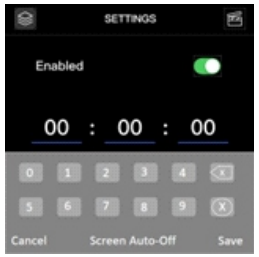


Figure 17

3) Modifying Screen Saver Parameters

A. Enable Switch Modification

As shown in Figure 16, the settings page for the Screen Saver includes an Enabled switch on the right side. If the current state of the switch is on, clicking the button will change it to off, and the time parameters will turn gray and become unmodifiable. If the current state is off, clicking the button will change it to on, and the time parameters will turn white and be editable.

B. Time Parameter Modification

When the enable switch is in the on state, click on the corresponding time field (hours, minutes, seconds) to input the desired time value using the numeric keypad.

4) Modifying Screen Auto-Off Parameters

A. Enable Switch Modification

As shown in Figure 17, the settings page for Screen Auto-Off includes an Enabled switch on the right side. If the current state is on, clicking the button will switch it to off, making the time parameters gray and unmodifiable. If the current state is off, clicking the button will switch it to on, and the time parameters will become white and editable.

B. Time Parameter Modification

When the enable switch is in the on state, click on the corresponding time field (hours, minutes, seconds) to input the desired time value using the numeric keypad.

5) Saving Screen Display Parameters

Click the “Save” button in the lower right corner of the page to save the current time parameters and the state of the enable switch, and exit the time modification page.

6) Exiting Screen Display Settings

Click the “Back” button in the lower left corner to exit the “Screen Display” settings page.

4.2.2 Buzzer Volume and Tone

1) Introduction to Buzzer Volume and Tone

When the buzzer switch is enabled, it will sound once at the set volume and tone whenever the touchscreen is pressed, indicating a touch.

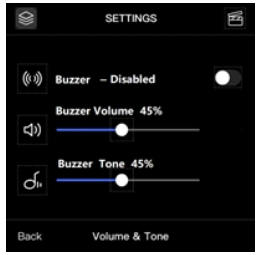


Figure 18

2) Entering the Buzzer Volume and Tone Configuration Page

Switch to the first page of device control parameters and system settings using the Page Left and Page Right buttons. Click once on the “Volume & Tone” option to enter the settings page for volume and tone, as shown in Figure 18.

3) Modifying Buzzer Volume and Tone

A. As shown in Figure 18, click the enable button on the right side of the “Buzzer - Disabled” option to toggle the buzzer enable switch on/off.

B. With the buzzer switch enabled, touch the slider under “Buzzer Volume” to adjust the volume.

C. With the buzzer switch enabled, touch the slider under “Buzzer Tone” to adjust the tone.

D. Click “Back” once to return to the device control parameters and system settings page.

4.2.3 Timers

1) Introduction to Timers

Timers allow for up to 16 scheduled tasks. When a specific date or day of the week is selected and the current timer task is enabled, the group of lights will turn on according to the parameters set for the timer task when the real-time matches the scheduled time.

There are two types of timer tasks:

a. A one-time timer based on a specific date.

b. A repeating timer based on the day of the week.

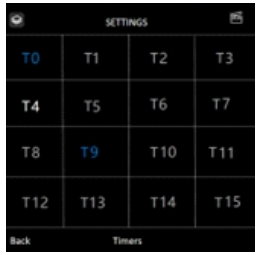


Figure 19

2) Entering the Timers Settings Page

Switch to the first page of device control parameters and system settings using the Page Left and Page Right buttons. Click once on the “Timers” option to enter the Timers settings page, as shown in Figure 19, which includes a total of 16 scheduled tasks. Click on the number of the timer task you wish to modify to access its parameters page, as shown in Figure 20.

Timers settings page (Figure 19) description:

a. Blue task number: Timer is enabled.

b. White task number: Timer is set but not enabled.

c. Gray task number: Timer is not set.

Figure 20

3) Modifying Timer Time Parameters

Click “minutes/seconds” option as shown in Figure 20 to open the time modification page.

A. Enter the desired time using the keypad.

B. Click “Save” to save the modified time and return to the Timers parameters page.

C. Click “Cancel” to close the time modification and return to the Timers parameters page.

4) Modifying Timer Type Parameters

Click “Every day” option as shown in Figure 20 to open the date modification page. Click “Weekly” or “Daily” to change the timer task type. Enter the required date using the keypad.

A. Weekly: When the timer type is “Weekly,” select the corresponding day(Mon/Tue/Wed/Thu/Fri/Sat/Sun/ALL) from the keypad that appears .

B. Daily: When the timer type is “Daily,” enter the desired date using the keypad.

C. Click “Save” to save the modified timer type and return to the Timers parameters page.

D. Click “Cancel” to close the timer type modification and return to the Timers parameters page.

5) Modifying Timer Task Call Types

Click “Recall Scene 1” option as shown in Figure 20 to open the task call type page, where you can modify the range of values (Recall Scene/Enable HCL/Disable HCL/No Action).

A. Recall Scene: Clicking “Recall Scene” switches the call type to Scene, opening the “Recall Scene” page with 16 scene buttons to select the desired scene number.

a. Click “Save” to save the modified call type and return to the Timers parameters page.

b. Click “Back” to close the “Recall Scene” menu and return to the Timers parameters page.

B. Enable HCL: Clicking “Enable HCL” switches the call type to HCL, opening the “Enable HCL” page with 4 HCL option buttons.

a. Select the desired HCL button, save the call type, and return to the Timer menu.

b. Click “Back” to close the “Enable HCL” page and return to the Timers parameters page.

C. Disable HCL: Clicking “Disable HCL” switches the call type to disable HCL, opening the “Disable HCL” page with 4 HCL option buttons.

a. Select the desired HCL button to disable, save the call type, and return to the Timers parameters page.

b. Click “Back” to close the “Disable HCL” page and return to the Timers parameters page.

D. No Action: Clicking “No Action” saves the call type as “No Action” and returns to the Timers parameters page.

6) Modifying Timers Area

Click “All Devices” option as shown in Figure 20 to select and modify the area option. The range can be modified to (All/Group/Device). When the selected area is “Group” or “Device,” input the timer area number using the keypad.

a. Click “Save” to save the current modified area and return to the Timers parameters page.

b. Click “Back” to close the Timers area modification page and return to the Timers parameters page.

7) Modifying Timers Enable Switch

Click the enable switch button on the right side of the “Enabled” option in Figure 20 to toggle the enable switch status.

8) Exiting Timers

On the Timers parameters page, click “Back” once to exit the Timers page.

4.2.4 Human Centric Lighting

1) Introduction to Human Centric Lighting

Human Centric Lighting (HCL) refers to CCT (Correlated Color Temperature) load modes that allow for the setup of up to 4 HCL modes. Each HCL mode can contain brightness and color temperature values for 24 time intervals, from 00:00 to 23:00. When the corresponding HCL mode is active, the lights of the CCT control devices in the designated control area will turn on according to the set brightness and color temperature values, following a biomimetic gradient.

2) Entering the Human Centric Lighting Settings Page

Switch to the first page of device control parameters and system settings using the Page Left and Page Right buttons. Click once on the “Human Centric Lighting” option to enter the HCL settings page, as shown in Figure 21, which features 4 HCL tasks.

3) Selecting HCL Parameters

A. Click on the “Config” column of “HCL x” to enter the time point parameters settings page for the Human Centric Lighting mode, as shown in Figure 22. Click on a time point to access its parameter settings page, and click on the corresponding parameters to modify them.

Parameter Description:

-- Level: Brightness value for the corresponding time point of the HCL task, range (0-100%/MASK).

-- CCT: Color temperature value for the corresponding time point of the HCL task, range (1000K-9999K).

B. Click the “Start” button to activate the corresponding HCL task.

-- “A01”: In Figure 21, the “Start” button’s left side displays the “A01 >” column, which corresponds to the area of the HCL task. Clicking “A01 >” will pop up the area modification page.

-- “TC03”: In Figure 21, the “TC03 >” column to the left of the “Start” button represents the mode of the HCL task. Clicking “TC03 >” will open the mode modification page, offering 4 modes to choose from.

C. Click the “Stop” button to halt the corresponding HCL task.

-- “Task 1”: In Figure 21, the “Stop” button’s left side shows the “Task 1 >” column, indicating the HCL task number to be stopped. Clicking “Task 1 >” will open the task modification page, allowing changes within the range (Task 1/Task 2/Task 3/Task 4/ALL).

D. The “Task Status” column displays the current status of the 4 HCL tasks.

4) Exiting Human Centric Lighting

Click “Back” button once to exit the Human Centric Lighting page.

Figure 21

Figure 22

4.2.5 Panel Address Configuration

1) Panel Address Configuration Description

Panel address configuration is used to assign and search for addresses on devices connected to the bus.

2) Entering the Panel Address Configuration Page

Switch to the second page of device control parameters and system settings using the Page Left and Page Right buttons. There are 3 selectable options (Discover all devices/Discover devices without address/Check bus devices).

Figure 23

3) Discover All Devices - New Address Assignment

In Figure 23, click “Discover all devices” option to enter the menu for new address assignment, as shown in Figure 24. Select the device type to assign addresses, and click “Start” to begin reassigning addresses to all devices on the DALI bus. As shown in Figure 25, if you need to terminate address assignment, click “Stop.” After assignment completion, a page like Figure 26 will pop up; click “OK” to exit the new assignment.

Figure 24

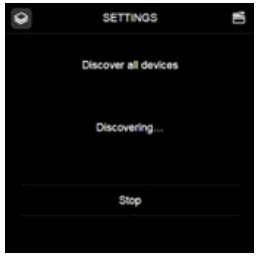


Figure 25

Figure 26

4) Discover Devices Without Address - Extended Address Assignment

In Figure 23, click “Discover devices without address” option to enter the extended address assignment menu, as shown in Figure 27. Select the device type to assign addresses, and click “Start” to assign addresses to devices on the DALI bus that do not have addresses. As shown in Figure 28, if you need to terminate address assignment, click “Stop.” After assignment completion, a page like Figure 29 will pop up; click “OK” to exit the extended assignment.

Figure 27

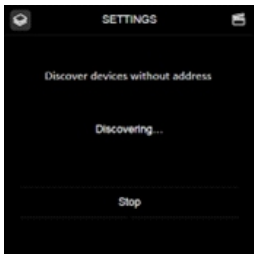


Figure 28

Figure 29

5) Check Bus Devices - Device Search

In Figure 23, click “Check bus devices” option to enter the device search menu, as shown in Figure 30. Select the device type to search for, and click “Start” to find devices on the DALI bus that do not have addresses and assign them addresses. As shown in Figure 31, if you need to terminate address assignment, click “Stop.” After assignment completion, a page like Figure 32 will pop up; click “OK” to exit the device search.

Figure 30

Figure 31

Figure 32

6) Exiting Panel Device Address Configuration

Click “Cancel” once to return to the device control parameters and system settings page.

Please Note:

(1) When there are new additions or changes to short addresses for devices or gears on the DALI bus:
Please perform a device search or extended address assignment operation on the LCD Panel, Gateway, or PC software to enable the master to acquire the relevant parameter information for the corresponding devices on the bus, allowing for accurate configuration, control, and querying functions thereafter.

4.2.6 Set Scene

1) Introduction

Set Scene allows for setting scene parameter values for control area devices, with a maximum of 16 scenes.

2) Entering Settings Page

Switch to the third page of device control parameters and system settings page 3 by using Page Left and Page Right buttons. Click the “Set Scene” option once to enter the Set Scene settings area page, as shown in Figure 33.

3) Selecting Control Area

After entering the Set Scene settings area page, you can choose from three main areas: All Devices, Group, or Device. Click the corresponding area to access its submenu.

A. Clicking “All Devices” goes directly to the scene number page, as shown in Figure 35.

B. Clicking “Device” goes to the device address pages, 64 addresses divided into 4 main pages as shown in Figure 36. Click the desired address page to expand and show all addresses as shown in Figure 37, then select an address number to open the scene number page, as shown in Figure 35.

C. Clicking “Group” goes to the group number selection page, as shown in Figure 34. Click the desired group number to open the scene number page, as shown in Figure 35.

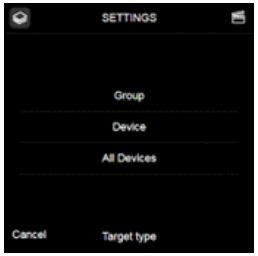


Figure 33

Figure 34

Figure 35

Figure 33

Figure 34

Figure 35

4) Selecting Parameter Items

Enter the scene parameter selection page as shown in Figure 38 and click once on a parameter item to open the parameter modification page.

Description of Set Scene Parameters:

--“Level” is the brightness percentage for the control area, modifiable from 0-100 or MASK.

--“Tc” is the color temperature value, modifiable from 1000-9999.

--“RGBWAF” is the RGBWAF value, modifiable from 0-255.

--“XY” is the XY value, modifiable from 0.000-0.999 (note: X+Y<1).

5) Modifying Parameters

Click on a parameter item and enter the value.

A. Click “Save” to save the current input values and return to the parameter item page.

B. Click “Cancel” to return to the parameter item page.

6) Exiting

Click “Cancel” to exit Set Scene and return to the device control parameters and system settings page.

Note: For the same control device and scene number, modifying parameters in different control areas will result in the last modified parameters overriding previous values.

4.2.7 Set Group

1) Entering Settings Page

Switch to the third page of device control parameters and system settings page using Page Left and Page Right buttons. Click the “Set Group” option once to display all group pages, as shown in Figure 39.

2) Selecting Parameter Items

On the all groups page, clicking on a group will enter the address page of all devices within that group.

A. In Figure 39, clicking the group number goes to the address information page for that group as shown in Figure 40. There are 64 addresses divided into 4 main address groups; select one to display all addresses in that group.

B. Click on a device address to add it to or remove it from the group.

3) Modifying Parameters

A. In Figure 41, clicking on a device address number (e.g., Axx) will change the address number text to blue, with a checkmark indicating the device has been added to the group. If the text turns white and the checkmark disappears, the device has been removed from the group.

B. In Figure 41, clicking “Select All” at the bottom right will add or remove all device addresses on the current page from the group.

4) Saving Parameters

As shown in Figure 40, click “Save” to confirm and save the modified group information on the current page.

5) Exiting

Click “Cancel” to exit the “Set Group” page.

Figure 39

Figure 40

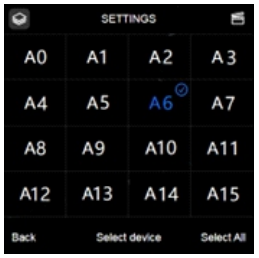


Figure 41

4.2.8 Set Power On

1) Introduction

Power On defines the default state of devices when the system is powered on.

2) Entering Settings Page

Switch to the third page of device control parameters and system settings using Page Left and Page Right buttons. Click the “Set Power On” option once to enter the control area page for Set Power On, as shown in Figure 42.

3) Selecting Control Area

After entering the Set Power On control area page, you can choose from three main areas: All Devices, Group, or Device. Click the corresponding area to access its submenu.

A. Clicking “All Devices” goes directly to the parameter page, as shown in Figure 46.

B. Clicking “Device” goes to the device address pages, 64 addresses divided into 4 main pages as shown in Figure 44. Click the desired address page to expand and show all addresses as shown in Figure 45; clicking one address number will open the power on parameter selection page, as shown in Figure 46.

C. Clicking “Group” goes to the group number selection page, as shown in Figure 43. Click the desired group number to open the power on parameter selection page, as shown in Figure 46.

4) Selecting Parameter Items

Enter the power on parameter selection page as shown in Figure 46 and click once on a parameter item to open the modification page.

Description of Power On Parameters:

--“Level” is the brightness percentage for the control area, modifiable from 0-100 or MASK.

--“Tc” is the color temperature value, modifiable from 1000-9999.

--“RGBWAF” is the RGBWAF value, modifiable from 0-255.

--“XY” is the XY value, modifiable from 0.000-0.999 (note: X+Y<1).

5) Modifying Parameters

Click on a parameter item and enter the value.

A. Click “Save” to save the current input values and return to the parameter item page.

B. Click “Cancel” to return to the parameter item page.

6) Exiting

Click “Cancel” to exit Set Power On and return to the device control parameters and system settings page.

Note: For the same control device, modifying parameters in different control areas will result in the last modified parameters overriding previous values.

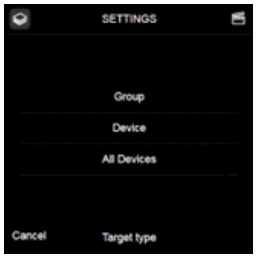


Figure 42

Figure 43

Figure 44

Figure 45

Figure 46

4.2.9 Set Default CCT Coolest

1) Introduction

Default CCT Coolest refers to the coolest color temperature value for CCT devices.

2) Entering Settings Page

Switch to the fourth page of device control parameters and system settings using Page Left and Page Right buttons. Click “Set Default CCT Coolest” option once to enter the control area page for Set Default CCT Coolest, as shown in Figure 47.

3) Selecting Control Area

After entering the control area page for Set Default CCT Coolest, you can choose from three main areas: All Devices, Group, or Device. Click the corresponding area to access its submenu.

A. Clicking “All Devices” goes directly to the parameter properties page, as shown in Figure 51.

B. Clicking “Device” goes to the device address pages, 64 addresses divided into 4 main pages as shown in Figure 49. Click the desired address page to expand and show all addresses as shown in Figure 50; clicking one address number will open the parameter properties page, as shown in Figure 51.

C. Clicking “Group” goes to the group number selection page, as shown in Figure 48. Click the desired group number to open the parameter properties page, as shown in Figure 51.

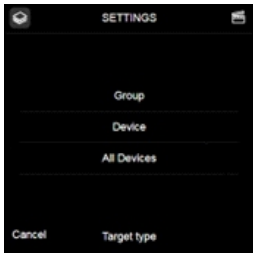


Figure 47

Figure 48

Figure 49

Figure 50

Figure 51

3) Selecting Parameter Items

Enter the default CCT coolest parameter selection page as shown in Figure 51 and click once on a parameter item to open the modification page.

Description of Default CCT Coolest Parameter:

--“Default CCT Coolest” is the coolest color temperature value for CCT, modifiable in the range of 1000-9999.

4) Modifying Parameters

Click on the parameter item and enter the value.

A. Click “Save” to save the current input values and return to the parameter item page.

B. Click “Cancel” to return to the parameter item page.

5) Exiting

Click “Cancel” to exit Set Default CCT Coolest and return to the device control parameters and system settings page.

Note: For the same control device, modifying parameters in different control areas will result in the last modified parameters overriding previous values.

4.2.10 Set Default CCT Warmest

1) Introduction

Default CCT Warmest refers to the warmest color temperature value for CCT devices.

2) Entering Settings Page

Switch to the fourth page of device control parameters and system settings using Page Left and Page Right buttons. Click “Set Default CCT Warmest” option once to enter the control area page for Set Default CCT Warmest, as shown in Figure 52.

3) Selecting Control Area

After entering the control area page for Set Default CCT Warmest, you can choose from three main areas: All Devices, Group, or Device. Click the corresponding area to access its submenu.

A. Clicking “All Devices” goes directly to the parameter properties page, as shown in Figure 56.

B. Clicking “Device” goes to the device address pages, 64 addresses divided into 4 main pages as shown in Figure 54. Click the desired address page to expand and show all addresses as shown in Figure 55; clicking one address number will open the parameter properties page, as shown in Figure 56.

C. Clicking “Group” goes to the group number selection page, as shown in Figure 53. Click the desired group number to open the parameter properties page, as shown in Figure 56.

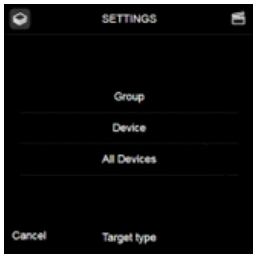


Figure 52

Figure 53

Figure 54

Figure 55

Figure 56

4) Selecting Parameter Items

Enter the default CCT warmest parameter selection page as shown in Figure 56 and click once on a parameter item to open the modification page.

Description of Default CCT Warmest Parameter:

--“Default CCT Warmest” is the warmest color temperature value for CCT, modifiable in the range of 1000-9999.

5) Modifying Parameters

Click on the parameter item and enter the value.

A. Click “Save” to save the current input values and return to the parameter item page.

B. Click “Cancel” to return to the parameter item page.

6) Exiting

Click “Cancel” to exit Set Default CCT Warmest and return to the device control parameters and system settings page.

Note: For the same control device, modifying parameters in different control areas will result in the last modified parameters overriding previous values.

4.2.11 Set CCT Step

1) Introduction

CCT Step refers to the control step values for CCT devices.

2) Entering Settings Page

Switch to the fourth page of device control parameters and system settings using Page Left and Page Right buttons. Click “Set CCT Step” option once to enter the control area page for Set CCT Step, as shown in Figure 57.

3) Selecting Control Area

After entering the control area page for Set CCT Step, you can choose from three main areas: All Devices, Group, or Device. Click the corresponding area to access its submenu.

A. Clicking “All Devices” goes directly to the parameter page, as shown in Figure 61.

B. Clicking “Device” goes to the device address pages, 64 addresses divided into 4 main pages as shown in Figure 59. Click the desired address page to expand and show all addresses as shown in Figure 60; clicking one address number will open the parameter properties page, as shown in Figure 61.

C. Clicking “Group” goes to the group number selection page, as shown in Figure 58. Click the desired group number to open the parameter properties page, as shown in Figure 61.

4) Selecting Parameter Items

Enter the CCT step parameter selection page as shown in Figure 61 and click once on a parameter item to open the modification page. Description of CCT Step Parameter:

--“CCT Step” is the control step value for CCT devices, modifiable in the range of 0-100.

5) Modifying Parameters

Click on the parameter item and enter the value.

A. Click “Save” to save the current input values and return to the parameter item page.

B. Click “Cancel” to return to the parameter item page.

6) Exiting

Click “Cancel” to exit Set CCT Step and return to the device control parameters and system settings page.

Note: For the same control device, modifying parameters in different control areas will result in the last modified parameters overriding previous values.

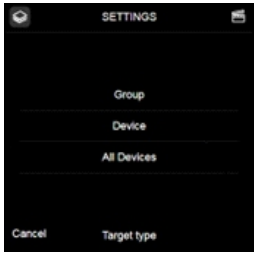


Figure 57

Figure 58

Figure 59

Figure 60

Figure 61

4.2.12 Set System Failure

1) Introduction

System Failure refers to the default state of devices when there is a communication failure on the system bus.

2) Entering Settings Page

Switch to the fourth page of device control parameters and system settings using Page Left and Page Right buttons. Click “Set System Failure” option once to enter the control area page for Set System Failure, as shown in Figure 62.

3) Selecting Control Area

After entering the control area page for Set System Failure, you can choose from three main areas: All Devices, Group, or Device. Click the corresponding area to access its submenu.

A. Clicking “All Devices” goes directly to the parameter page, as shown in Figure 62.

B. Clicking “Device” goes to the device address pages, 64 addresses divided into 4 main pages as shown in Figure 64. Click the desired address page to expand and show all addresses as shown in Figure 65; clicking one address number will open the parameter properties page, as shown in Figure 66.

C. Clicking “Group” goes to the group number selection page, as shown in Figure 63. Click the desired group number to open the parameter properties page, as shown in Figure 66.

4) Selecting Parameter Items

Enter the system failure parameter selection page as shown in Figure 66 and click once on a parameter item to open the modification page.

Description of System Failure Parameters:

--“Level” is the brightness percentage for the control area, modifiable from 0-100 or MASK.

--“Tc” is the color temperature value, modifiable in the range of 1000-9999.

--“RGBWAF” is the RGBWAF value, modifiable from 0-255.

--“XY” is the XY value, modifiable from 0.000-0.999 (note: X+Y<1).

5) Modifying Parameters

Click on the parameter item and enter the value.

A. Click “Save” to save the current input values and return to the parameter item page.

B. Click “Cancel” to return to the parameter item page.

6) Exiting

Click “Cancel” to exit Set System Failure and return to the device control parameters and system settings page.

Note: For the same control device, modifying parameters in different control areas will result in the last modified parameters overriding previous values.

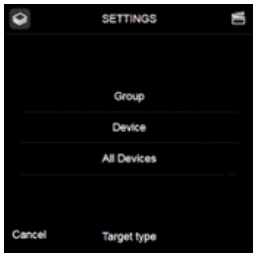


Figure 62

Figure 63

Figure 64

Figure 65

Figure 66

4.2.13 Set Dimming Curve

1) Introduction

Dimming Curve refers to the dimming curve mode for devices.

2) Entering Settings Page

Switch to the fifth page of device control parameters and system settings using Page Left and Page Right buttons. Click “Set Dimming Curve” option once to enter the control area page for Set Dimming Curve, as shown in Figure 67.

3) Selecting Control Area

After entering the control area page for Set Dimming Curve, you can choose from three main areas: All Devices, Group, or Device. Click the corresponding area to access its submenu.

A. Clicking “All Devices” goes directly to the parameter modification page, as shown in Figure 71.

B. Clicking “Device” goes to the device address pages, 64 addresses divided into 4 main pages as shown in Figure 69. Click the desired address page to expand and show all addresses as shown in Figure 70; clicking one address number will open the dimming curve parameter page.

C. Clicking “Group” goes to the group number selection page, as shown in Figure 68. Click the desired group number to open the dimming curve parameter page.

4) Modifying Parameters

A. Click “Logarithmic” or “Linear” to modify the dimming curve mode; a checkmark will appear in the upper right corner to indicate the selected curve mode.

B. Click “Save” to save the current input values and return to the parameter item page.

C. Click “Cancel” to return to the parameter item page.

5) Exiting

Click “Cancel” to exit Set Dimming Curve and return to the device control parameters and system settings page.

Note: For the same control device, modifying parameters in different control areas will result in the last modified parameters overriding previous values.

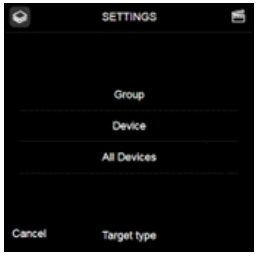


Figure 67

Figure 68

Figure 69

Figure 70

Figure 71

4.2.14 Set Fade Time

1) Introduction

“Fade Time” controls the transition duration when a region is turned on or off. The modifiable range is (0.0-90.5) seconds.

2) Entering Settings Page

Switch to the fifth page of device control parameters and system settings using Page Left and Page Right buttons. Click “Set Fade Time” option once to enter the control area page for Set Fade Time, as shown in Figure 72.

3) Selecting Control Area

After entering the control area page for Set Fade Time, you can choose from three main areas: All Devices, Group, or Device. Click the corresponding area to access its submenu.

A. Clicking “All Devices” goes directly to the parameter modification page, as shown in Figure 76.

B. Clicking “Device” goes to the device address pages, 64 addresses divided into 4 main pages as shown in Figure 74. Click the desired address page to expand and show all addresses as shown in Figure 75; clicking one address number will open the fade time parameter page.

C. Clicking “Group” goes to the group number selection page, as shown in Figure 73. Click the desired group number to open the fade time parameter page.

4) Modifying Parameters

A. On the fade time parameter page as shown in Figure 76, slide the bar to adjust the fade time value. You can also fine-tune the fade time value by clicking the “-” or “+” buttons.

B. Click the circle to the left of “Level Mask”; a checkmark will appear, indicating the parameter is locked for modification.

C. Click “Save” to save the current input values, then click “OK” on the pop-up window to return to the device control parameters and system settings page.

D. Click “Cancel” to return to the main area page.

5) Exiting

Click “Cancel” to exit Set Fade Time and return to the device control parameters and system settings page.

Note: For the same control device, modifying parameters in different control areas will result in the last modified parameters overriding previous values.

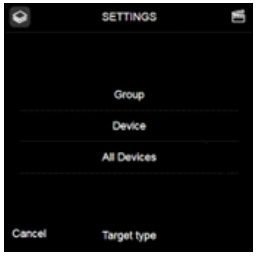


Figure 72

Figure 73

Figure 74

Figure 75

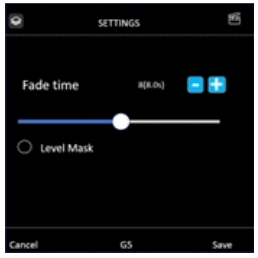


Figure 76

4.2.15 Set Fade Rate

1) Introduction

“Fade Rate” controls the number of steps the area changes per second. The modifiable range is (0.0-358.0) Steps/Second.

2) Entering Settings Page

Switch to the fifth page of device control parameters and system settings using Page Left and Page Right buttons. Click “Set Fade Rate” option once to enter the control area page for Set Fade Rate, as shown in Figure 77.

3) Selecting Control Area

After entering the control area page for Set Fade Rate, you can choose from three main areas: All Devices, Group, or Device. Click the corresponding area to access its submenu.

A. Clicking “All Devices” goes directly to the parameter modification page, as shown in Figure 81.

B. Clicking “Device” goes to the device address pages, 64 addresses divided into 4 main pages as shown in Figure 79. Click the desired address page to expand and show all addresses as shown in Figure 80; clicking one address number will open the fade rate parameter page.

C. Clicking “Group” goes to the group number selection page, as shown in Figure 78. Click the desired group number to open the fade rate parameter page.

4) Modifying Parameters

A. On the fade rate parameter page as shown in Figure 81, slide the bar to adjust the fade rate value. You can also fine-tune the fade rate value by clicking the “-” or “+” buttons.

B. Click the circle to the left of “Level Mask”; a checkmark will appear, indicating the parameter is locked for modification.

C. Click “Save” to save the current input values, then click “OK” on the pop-up window to return to the device control parameters and system settings page.

D. Click “Cancel” to return to the main area page.

5) Exiting

Click “Cancel” to exit Set Fade Rate and return to the device control parameters and system settings page.

Note: For the same control device, modifying parameters in different control areas will result in the last modified parameters overriding previous values.

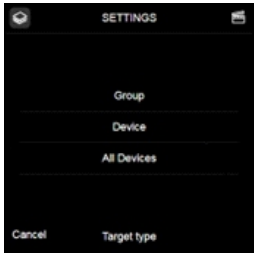


Figure 77

Figure 78

Figure 79

Figure 80

Figure 81

4.2.16 Set Date-Time

1) Introduction

Set Date-Time is for modifying the system real-time of the master.

2) Entering Settings Page

Switch to the fifth page of device control parameters and system settings using Page Left and Page Right buttons. Click “Set Date-Time” option once to enter the Set Date-Time parameter page, as shown in Figure 82.

3) Selecting Parameter Items

On the Set Date-Time parameter page, click the corresponding time parameter to open the corresponding time parameter modification page, as shown in Figure 82.

4) Modifying Parameters

On the time parameter modification page, enter the desired time parameter values.

5) Saving Parameters

A. On the time parameter modification page, click “Done” to close the modification page and update the values on the Set Date-Time parameter page.

B. Click “Save” on the Set Date-Time parameter page to save the currently displayed values.

6) Exiting

Click “Cancel” to exit the Date-Time parameter settings page.

Figure 82

Figure 83

4.2.17 Firmware Version Display

1) Introduction

The firmware version display page shows information about all firmware versions. It is for display only and cannot be modified, as shown in Figure 83.

2) Parameters

A. “Main Board Ver”: The current version of the MCU firmware for the DALI main unit.

B. “LCD Ver”: The current version of the MCU firmware for the LCD driver.

C. “GUI Ver”: The version information for the GUI images displayed on the LCD.

3) Entering Firmware Version Page

Switch to the sixth page of device control parameters and system settings page using Page Left and Page Right buttons. The firmware version page does not have a submenu.

Wiring