Installation Instructions - DALI-2 RGBW Decoder

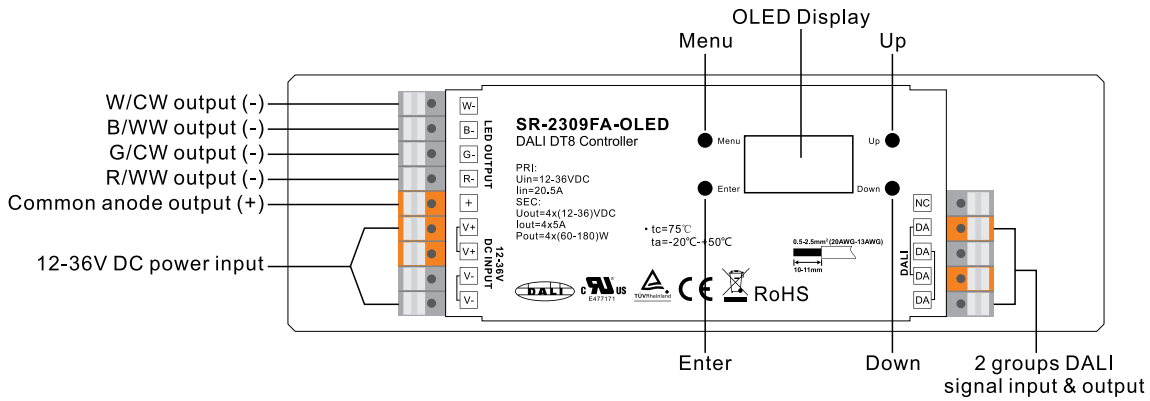
Models DALI2-DT8-RGBW

Please read all instructions prior to installation and keep for future reference!

1. ENSURE POWER TO POWER SUPPLY IS OFF BEFORE INSTALLING
2. PRODUCT TO BE INSTALLED BY A QUALIFIED ELECTRICIAN.
3. USE ONLY WITH CLASS 2 POWER UNIT
4. DO NOT INSTALL WITH POWER APPLIED TO DEVICE.
5. DO NOT EXPOSE THE DEVICE TO MOISTURE.

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COMMISSIONING AND CONFIGURATION



Menu Select
After wiring the dimmer correctly, power on it, the OLED will show

A-00 means the DALI22 address assigned to the device by factory default is 00, and Tc color means factory default color type is Tc. Then click "Menu" button to enter Menu Select interface, keep clicking "Down" buttons, you will get commissioning and configuration options one by one on the OLED display as follows:

1.Set Addr: assign DALI22 a address to the device
2.Set Group: assign the device to one or more DALI22 groups
3.Save Scene: configure up to 16 scenes (0–15) to the device
4.Go to Scene: recall the configured 16 scenes
5.Set Out level: set out level of the device manually
6.Set Time Rate: set fade time and fade rate
7.Set Power Min: set a minimum level, the dimmer can not be dimmed below this value
8.Set Power on: set a level as the value after power is restored
9.Set Sys fail: set a level as the value in the event of failure of the DALI2 power supply
10.Color type: set DT8 color type, Tc, XY, RGBW settable
When set color type as XY, next options are as follows:
11.Set Zero Addr: set the starting DALI2 address as 0/1
12.Set PWM freq: set the output PWM frequency
13.Reset: factory reset the dimmer

When set color type as RGBW, next options are as follows:
11.Set Control: set the LED light output power ratio
12.Set Zero Addr: set the starting DALI2 address as 0/1
13.Set PWM freq: set the output PWM frequency
14.Reset: factory reset the dimmer

When set color type as Tc, next options are as follows:
11.Set wm cl ph: set a physical lower limit and a physical upper limit for color temperature of the device
12.Set wm cl tc: set color temperature range in which the color temperature of the device can be changed. The color temperature range is restricted to the physical upper and lower limits.
13.Set Zero Addr: set the starting DALI2 address as 0/1
14.Set PWM freq: set the output PWM frequency
15.Reset: factory reset the dimmer

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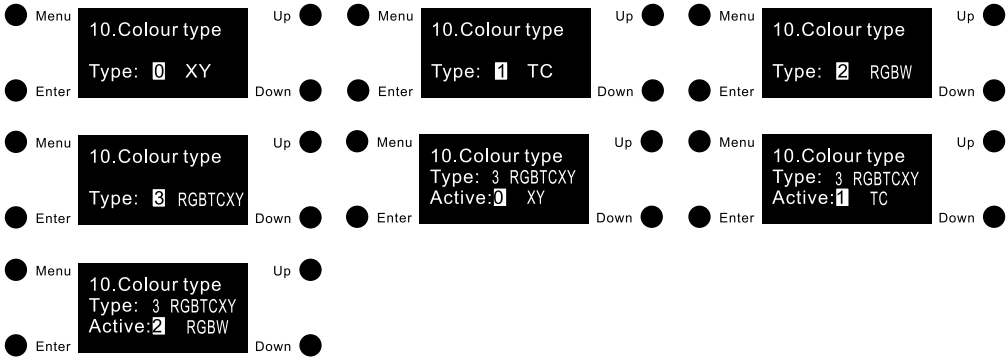
COLOR TYPE

Before commissioning and configuration, please first set DT8 color type for the device according to the LED light to be controlled and color types that your DALI2 master controller supports:

1) Click "Down" button on Menu select interface to select "10. Color type"



2) Click "Enter" button to enter set color type interface, click "Enter" button move the cursor to the digit after "Type:", then click "Up" and "Down" buttons to select 0/1/2/3, then click "Enter" button to confirm setting. If Type 3 is selected, click "Enter" button to move the cursor to the digit after "Active:", then click "Up" and "Down" buttons to select 0/1/2, then click "Enter" button to confirm setting, factory default is 1 (Tc).



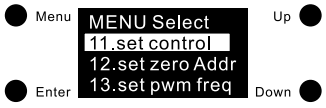
Note:

- When set color type as XY, the device will control RGB LED light.
- When set color type as Tc, the device will control tunable white LED light.
- When set color type as RGBW, the device will control RGB (number of channel as 3)/RGBW (number of channel as 4) LED lights.

SET CONTROL

For color type RGBW only

1)Once set color type as RGBW, click "Menu" button to return to Menu select interface, click "Down" button to select "11. set control".



2)Click "Enter" button to enter set channel interface, then click "Enter" button to move the cursor to the letter after "control:", click "Up" and "Down" to select Nor/Ext, then click "Enter" to confirm setting. If Ext is selected, click "Enter" to move the cursor to the digit after "Power ratio:", then click "Up" and "Down" to set the value of Power ratio from 0-128. For example, when you connect a 5A LED strip and adjust it to 100% brightness, if the power ratio is set to 128, the 100% output will be 5A, If the value is 64, the 100% output will be 2.5A.
Nor means this function is not enabled.
Ext means this function is enabled, you can set the power ratio from 0-128.



Note:

- By factory default, the power ratio is not enabled.

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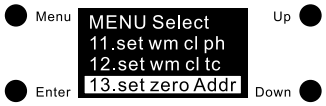
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SET ZERO ADDR

This configuration is to set the starting DALI2 address according to different DALI2 systems:

3) Click “Menu” button to return to Menu select interface, click “Down” button to select “set zero Addr”



4) Click “Enter” button to enter set zero address interface, then click “Enter” button to move the cursor to the digit “0” after “zero Addr:”, click “Up” and “Down” to select 0/1, then click “Enter” to confirm setting and the cursor will move to “zero Addr:”.
0 means starting DALI2 address is 00, and DALI2 address range will be 00-63.
1 means starting DALI2 address is 01, and DALI2 address range will be 01-64.



Note:
• By factory default, the starting DALI2 address is 00.

SET ADDR

1) Once color type is set, click “Menu” button to return to Menu select interface, click “Up” and “Down” buttons to select “1. set Addr”



2) Click “Enter” button to enter set address interface. Click “Enter” button move the cursor to the 1st digit after “Addr 1:”, then click “Up” and “Down” buttons to select a digit, then click “Enter” to confirm and move the cursor to the 2nd digit and set it, then click “Enter” button to confirm setting, and the cursor will be moved to Addr 1.





Note:
DALI2 address is settable from 00-63-FF, and factory default DALI2 address for the device is 00. FF means no address assigned.

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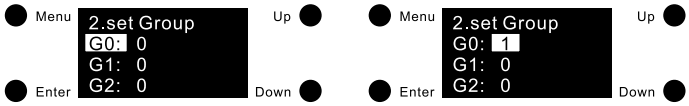
SET ZERO ADDR

1) Click "Menu" button to return to Menu select interface, click "Down" button to select "2. set Group"



2) Click "Enter" button to enter set group interface, the device can be assigned to total 16 groups (G0-G15). Click "Enter" to move the cursor to the digit after "G0:", click "Up" and "Down" to select 0/1, 0 means the device does not belong to this group, and 1 means it belongs to the group, then click "Enter" button to confirm setting and move the cursor to "G0".

3) Click "Down" button to move the cursor to G1-G15 and set other groups.



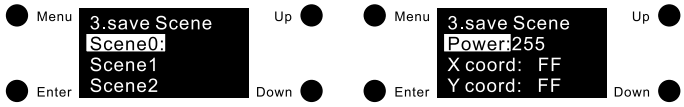
Note:
The device can be assigned to total 16 groups (G0-G15). By factory default it does not belong to any of the groups.

SET SCENE

1) Click "Menu" button to return to Menu select interface, click "Down" buttons to select "3. save Scene"



2) Click "Enter" button to enter save scene interface, we can configure total 16 scenes (Scene0-Scene15) to the device, click "Up" and "Down" buttons to select from Scene0-Scene15, then click "Enter" to enter scene configuration interface. Different color types have different parameters, please refer to the detailed scene parameter setting for different color types as follows:

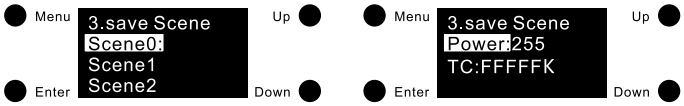
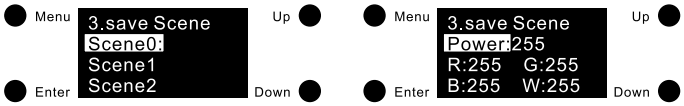
COLOR TYPE	SCENE SETTING
XY	 1) "Power" means the light intensity, "X coord" means X coordinate value, "Y coord" means Y coordinate value. 2) First is to set intensity. Click "Enter" button to move the cursor to the 1st digit after "Power:", then click "Up" and "Down" button to select a digit, then click "Enter" to confirm and move the cursor to 2nd digit and set, then 3rd digit, once the power is set, click "Enter" button to confirm and the cursor will be moved to "Power:". 3) Set XY coordinate value. After setting the intensity, click "Down" button to move the cursor to "X coord:" to set X coordinate value. Click "Enter" button to move the cursor to the 1st "F" after "X coord:", then click "Down" button to change it to 0.99, the cursor will be on 1st "9", then click "Down" to select a digit from 0-9 and click "Enter" to confirm and move the cursor to 2nd "9" and set, then click "Enter" to confirm setting and the cursor will be moved to "X coord:". Click "Down" button to move the cursor to "Y coord:" to set Y coordinate value. 4)After setting Scene0, click "Enter" button to return to previous interface, then click "Down" button to select and set "Scene1" to "Scene15". **Note:** • Intensity settable value range: 000 (0%) -254 (100%) -255 (MASK), factory default is 255 (MASK), which means the device will retain its current intensity when relevant scene is recalled. • XY coordinate settable value range: 0.01-0.99-FF, factory default is FF, which means RGB channels will retain their current XY coordinate values when relevant scene is recalled.

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SET SCENE

COLOR TYPE	SCENE SETTING
Tc	 1) “Power” means the light intensity and “TC” means the color temperature. 2) First is to set intensity. Click “Enter” button to move the cursor to the 1st digit after “Power:”, then click “Up” and “Down” button to select a digit, then click “Enter” to confirm and move the cursor to 2nd digit and set, then 3rd digit, once the power is set, click “Enter” button to confirm and the cursor will be moved to “Power:”. 3) After setting the intensity, click “Down” button to move the cursor to “TC:” to set color temperature. Click “Enter” button to move the cursor to the 1st “F” after “TC:”, then click “Down” button to change the value to “10000K”, the cursor will be on 1st digit “1”, click “Up” and “Down” buttons to select a digit, then click “Enter” to confirm and move the cursor to 2nd digit and set, then 3rd, 4th and 5th, once the “TC” is set, click “Enter” button to confirm and the cursor will be moved to “TC:”. 4) After setting Scene0, click “Enter” button to return to previous interface, then click “Up” and “Down” button to select and set “Scene1” to “Scene15”. **Note:** • Intensity settable value range: 000 (0%) -254 (100%) -255 (MASK), factory default is 255 (MASK), which means the device will retain its current intensity when relevant scene is recalled. • Color temperature settable value range: 01600K-10000K-FFFFFK, factory default is FFFFFK, which means the device will retain its current color temperature when relevant scene is recalled.
RGBW	 1) “Power” means the light intensity and “R, G, B, W” mean the value of each channel. 2) First is to set intensity. Click “Enter” button to move the cursor to the 1st digit after XY “Power:”, then click “Up” and “Down” button to select a digit, then click “Enter” to confirm and move the cursor to 2nd digit and set, then 3rd digit, once the power is set, click “Enter” button to confirm and the cursor will be moved to “Power:”. 3) After setting the intensity, click “Down” button to move the cursor to “R:” to set red color value. Click “Enter” button to move the cursor to the 1st digit after “R:”, then click “Up” and “Down” button to select a digit, then click “Enter” to confirm and move the cursor to 2nd digit and set, then 3rd, once the “R” is set, click “Enter” button to confirm and the cursor will be moved to “R:”. Then click “Down” button to move the cursor to “G:” and set, then “B:”, then “W:”. 4) After setting Scene0, click “Enter” button to return to previous interface, then click “Up” and “Down” button to select and set “Scene1” to “Scene15”. **Note:** • Light intensity settable value range: 000 (0%) -254 (100%) -255 (MASK), factory default is 255 (MASK), which means the device will retain its current intensity when relevant scene is recalled. • R, G, B, W value settable value range: 000 (0%) -255 (100%), factory default is 255 (100%).

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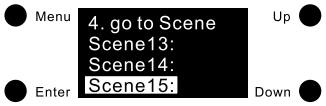
GO TO SCENE

1) Click "Menu" button to return to Menu select interface, click "Down" buttons to select "4. go to Scene"



2) Click "Enter" button to enter get Scene interface, we can recall total 16 configured scenes (scene0-scene15):

3) Total 16 scenes can be recalled (Scene0 – Scene15), click "Up" and "Down" buttons to select from Scene0 to Scene15, then click "Enter" button to confirm and recall corresponding scene and the recalled scene details will be showed on the display.



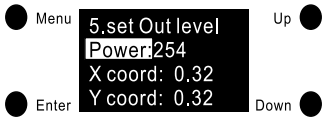


SET OUT LEVEL

1) This configuration is to set out level of the device manually. Click "Menu" button to return to Menu select interface, click "Up" and "Down" buttons to select "5. set Out level"



2) Click "Enter" button to enter set Out level interface, different color types have different parameters, please refer to the detailed parameter setting for different color types as follows:

COLOR TYPE	SCENE SETTING
XY	 1) "Power" means the light intensity, "X coord" means X coordinate value, "Y coord" means Y coordinate value. 2) First is to set intensity. Click "Enter" button to move the cursor to the 1st digit after "Power:", then click "Up" and "Down" button to select a digit, then click "Enter" to confirm and move the cursor to 2nd digit and set, then 3rd digit, once the power is set, click "Enter" button to confirm and the cursor will be moved to "Power:". 3) Set XY coordinate value. After setting the intensity, click "Down" button to move the cursor to "X coord:" to set X coordinate value. Click "Enter" button to move the cursor to the 1st digit after "0.", then click "Up" and "Down" button to select a digit, then click "Enter" to confirm and move the cursor to the 2nd digit and click "Up" and "Down" button to select a digit and click "Enter" to confirm setting and the cursor will be moved to "X coord:". Click "Down" button to move the cursor to "Y coord:" to set Y coordinate value. **Note**: • Intensity settable value range: 000 (0%) -254 (100%), factory default is 254 (100%), which means the device will retain its current intensity when relevant scene is recalled. • XY coordinate settable value range: 0.01-0.99, factory default is X=0.32, Y=0.32.

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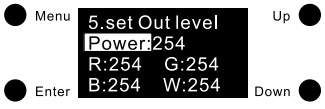
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SET OUT LEVEL

COLOR TYPE	SCENE SETTING
Tc	 1) "Power" means the light intensity and "TC" means the color temperature. 2) First is to set intensity. Click "Enter" button to move the cursor to the 1st digit after"Power:", then click "Up" and "Down" button to select a digit, then click "Enter" toconfirm and move the cursor to 2nd digit and set, then 3rd digit, once the power is set, click "Enter" button to confirm and the cursor will be moved to "Power:". 3) After setting the intensity, click "Down" button to move the cursor to "TC:" to set color temperature. Click "Enter" button to move the cursor to the 1st digit after "TC:", then click "Up" and "Down" button to select a digit, then click "Enter" to confirm and move the cursor to 2nd digit and set, then 3rd, 4th and 5th, once the "TC" is set, click "Enter" button to confirm and the cursor will be moved to "TC:". **Note:** • Intensity settable value range: 000 (0%) -254 (100%), factory default is 254 (100%). • Color temperature settable value range: 01600K-10000K, factory default is 4098K.
RGBW	 1) "Power" means the light intensity and "R, G, B, W" mean the value of each channel. 2) First is to set intensity. Click "Enter" button to move the cursor to the 1st digit after "Power:", then click "Up" and "Down" button to select a digit, then click "Enter" to confirm and move the cursor to 2nd digit and set, then 3rd digit, once the power is set, click "Enter" button to confirm and the cursor will be moved to "Power:". 3) After setting the intensity, click "Down" button to move the cursor to "R:" to set red color value. Click "Enter" button to move the cursor to the 1st digit after "R:", then click "Up" and "Down" button to select a digit, then click "Enter" to confirm and move the cursor to 2nd digit and set, then 3rd, once the "R" is set, click "Enter" button to confirm and the cursor will be moved to "R:". Then click "Down" button to move the cursor to "G:" and set, then "B:", then "W:". **Note:** • Intensity settable value range: 000 (0%) -254 (100%), factory default is 254 (100%). • R, G, B, W value settable value range: 000 (0%) -255 (100%), factory default is 254 (99.6%).

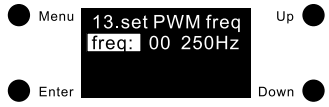
SET PWM FREQ

1) This configuration is to set PWM output frequency. Click "Menu" button to return to Menu select interface, click "Up" and "Down" buttons to select "13. set PWM freq"



2) Click "Enter" button to enter set PWM frequency interface, then click "Enter" button to move the cursor to the digit "0" after "freq:", click "Up" and "Down" to select from 00-11 (250Hz-30KHz), then click "Enter" to confirm setting and the cursor will move to "freq:". Detailed PWM frequency setting are as follows:

Number	00	01	02	03	04	05	06	07	08	09	10	11
Frequency	250Hz	500Hz	1KHz	2KHz	3KHz	4KHz	5KHz	10KHz	15KHz	20KHz	25KHz	30KHz





Note:
• By factory default, the PWM output frequency is 00 (250Hz).

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SET WM CL PH

for color types Tconly)

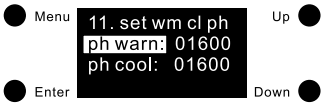
This configuration is to set a physical lower limit and a physical upper limit for color temperature of the device.

1) Once set color type as Tc, click “Menu” button to return to Menu select interface, click “Up” and “Down” buttons to select “11. set wm cl ph”.



2) Click “Enter” button to enter set wm cl ph interface, “ph warm” is to set the physical lower limit for color temperature and “ph cool” is to set the physical upper limit.

3) Click “Enter” button to move the cursor to the 1st digit after “ph warm:”, click “Up” and “Down” to select a digit, then click “Enter” to confirm and move the cursor to 2nd digit and set, then 3rd, 4th and 5th, once the “ph warm:” is set, click “Enter” button to confirm and the cursor will be moved to “ph warm:”. Then click “Down” button to move the cursor to “ph cool” and set.



Note:

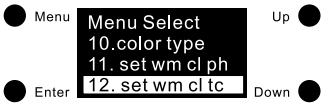
- The physical lower and upper limits for the color temperature settable value range: 01600-10000.
- Factory default value for Tc color type: “ph warm” is 2702, “ph cool” is 6493.

SET WM CL TC

for color types Tc only)

This configuration is to set color temperature range in which the color temperature of the device can be changed.

1)Once set color type as Tc, click “Menu” button to return to Menu select interface, click “Up” and “Down” buttons to select “12. set wm cl tc”.



2) Click “Enter” button to enter set wm cl tc interface, “warmest” is to set the warmest color temperature and “coolest” is to set the coolest color temperature.

3) Click “Enter” button to move the cursor to the 1st digit after “warmest:”, click “Up” and “Down” to select a digit, then click “Enter” to confirm and move the cursor to 2nd digit and set, then 3rd, 4th and 5th, once the “warmest” is set, click “Enter” button to confirm and the cursor will be moved to “warmest:”. Then click “Down” button to move the cursor to “coolest” and set.



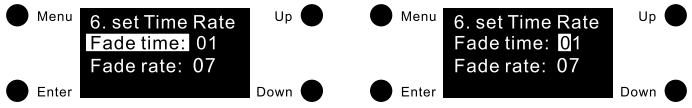
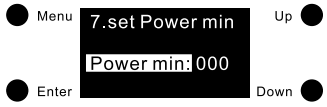
Note:

- The color temperature settable value range: 01600-10000. The value of warmest can not be lower than the physical lower limit, and the value of coolest can not be higher than the physical upper limit. The coolest value must be bigger than the warmest value.
- Factory default value for Tc color type: “warmest” is 2702, “coolest” is 6493.

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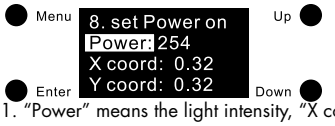
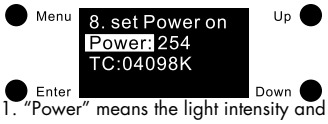
SETTING DALI2 DEFAULT PARAMETERS

DALI2 DEFAULT PARAMETERS	DESCRIPTION
Fade time	1) Click “Menu” button to return to Menu select interface, click “Up” and “Down” buttons to select “6. set Time Rate”  2) Click “Enter” button to enter set Fade time and Fade rate interface, then click “Enter” button to move the cursor to the 1st digit after “Fade time:”, click “Up” and “Down” to select a digit, then click “Enter” to confirm setting and move the cursor to 2nd digit and set, then click “Enter” to confirm and the cursor will be moved to “Fade time:”.  3) The selected value is set as the fade time in seconds. **Value range:** **• 00–15s** **Note:** 00 s is the DALI2 default. 00 s is the fastest fade time, and 15 s is the slowest.
Fade rate	1) On set Time Rate interface, after setting the Fade time, click “Down” button to move the cursor to “Fade rate:”, then click “Enter” button to move the cursor to the 1st digit after “Fade rate:”, click “Up” and “Down” to select a digit, then click “Enter” to confirm and move the cursor to 2nd digit and set, then click “Enter” to confirm and the cursor will be moved to “Fade rate:”  2) The selected value is set as the dimming speed. It indicates by how many steps per second the intensity is changed. The Fade Rate is used with the DALI2 commands Brighten (Up) and Dim (Down). **Value range:** **• 01–15 steps per second** **Note:** 07 steps per second is the DALI2 default. 15 steps per second is the fastest fade rate, and 01 steps per second is the slowest.
Minimum level	1) Click “Menu” button to return to Menu select interface, click “Up” and “Down” buttons to select “7. set Power min”  2) Click “Enter” button to enter set Minimum level interface, click “Enter” to move the cursor to the 1st digit after “Power min:”, click “Up” and “Down” to select a digit, then click “Enter” to confirm and move the cursor to 2nd digit and set, then 3rd digit, then click “Enter” button to move the cursor to “Power min:” and confirm setting.  3) The selected value is set as the minimum level for the control gear. This value cannot be fallen below during dimming/brightening. **Value range:** **• 000 (0%)-250 (98.4%)** **Note:** 000 (0%) is the factory default minimum level.

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SETTING DALI2 DEFAULT PARAMETERS

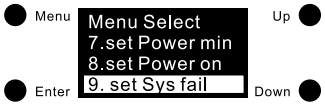
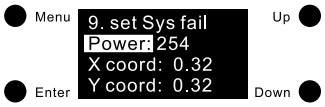
DALI2 DEFAULT PARAMETERS	DESCRIPTION
Power On Level	1) Click “Menu” button to return to Menu select interface, click “Up” and “Down” buttons to select “8. set Power on”  2) Click “Enter” button to enter set power on level interface, different color types have different parameters to be set. The selected values are set as the values after power is restored. Power on level setting instructions for different color types are as follows: Set XY Color Power On  1. “Power” means the light intensity, “X coord” means X coordinate value, “Y coord” means Y coordinate value. 2. First is to set intensity. Click “Enter” button to move the cursor to the 1st digit after “Power:”, then click “Up” and “Down” button to select a digit, then click “Enter” to confirm and move the cursor to 2nd digit and set, then 3rd digit, once the power is set, click “Enter” button to confirm and the cursor will be moved to “Power:”. 3. Set XY coordinate value. After setting the intensity, click “Down” button to move the cursor to “X coord:” to set X coordinate value. Click “Enter” button to move the cursor to the 1st digit after “0.”, then click “Up” and “Down” button to select a digit, then click “Enter” to confirm and move the cursor to the 2nd digit and set, then click “Enter” to confirm setting and the cursor will be moved to “X coord:”. Click “Down” button to move the cursor to “Y coord:” to set Y coordinate value. **Note:** • Intensity settable value range: 000 (0%) -254 (100%), factory default is 254 (100%). • XY coordinate settable value range: 0.01-0.99, factory default is X=0.32, Y=0.32. Set Tc Color Power On  1. “Power” means the light intensity and “TC” means the color temperature. 2. First is to set intensity. Click “Enter” button to move the cursor to the 1st digit after “Power:”, then click “Up” and “Down” button to select a digit, then click “Enter” to confirm and move the cursor to 2nd digit and set, then 3rd digit, once the power is set, click “Enter” button to confirm and the cursor will be moved to “Power:”. 3. After setting the intensity, click “Down” button to move the cursor to “TC:” to set color temperature. Click “Enter” button to move the cursor to the 1st digit after “TC:”, then click “Up” and “Down” button to select a digit, then click “Enter” to confirm and move the cursor to 2nd digit and set, then 3rd, 4th and 5th, once the “TC” is set, click “Enter” button to confirm and the cursor will be moved to “TC:”. **Note:** • Intensity settable value range: 000 (0%) -254 (100%), factory default is 254 (100%). • Color temperature settable value range: 01600K-10000K, factory default is 4098K. Set RGBW Color Power On  1. “Power” means the light intensity and “R, G, B, W” mean the value of each channel. 2. First is to set intensity. Click “Enter” button to move the cursor to the 1st digit after “Power:”, then click “Up” and “Down” button to select a digit, then click “Enter” to confirm and move the cursor to 2nd digit and set, then 3rd digit, once the power is set, click “Enter” button to confirm and the cursor will be moved to “Power:”. 3. After setting the intensity, click “Down” button to move the cursor to “R:” to set red color value. Click “Enter” button to move the cursor to the 1st digit after “R:”, then click “Up” and “Down” button to select a digit, then click “Enter” to confirm and move the cursor to 2nd digit and set, then 3rd, once the “R” is set, click “Enter” button to confirm and the cursor will be moved to “R:”. Then click “Down” button to move the cursor to “G:” and set, then “B:”, then “W:”. **Note:** • Intensity settable value range: 000 (0%) -254 (100%), factory default is 254 (100%). • R, G, B, W value settable value range: 000 (0%) -255 (100%), factory default is 254 (99.6%).

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SETTING DALI2 DEFAULT PARAMETERS

DALI2 DEFAULT PARAMETERS	DESCRIPTION
System Failure Level	1) Click "Menu" button to return to Menu select interface, click "Up" and "Down" buttons to select "9. set Sys fail"  2) Click "Enter" button to enter set system failure level interface, different color types have different parameters to be set. The selected values are set as the values in the event of failure of the DALI2 power supply. System failure level setting instructions for different color types are as follows: Set XY Color System Failure  1. "Power" means the light intensity, "X coord" means X coordinate value, "Y coord" means Y coordinate value. 2. First is to set intensity. Click "Enter" button to move the cursor to the 1st digit after "Power:", then click "Up" and "Down" button to select a digit, then click "Enter" to confirm and move the cursor to 2nd digit and set, then 3rd digit, once the power is set, click "Enter" button to confirm and the cursor will be moved to "Power:". 3. Set XY coordinate value. After setting the intensity, click "Down" button to move the cursor to "X coord:" to set X coordinate value. Click "Enter" button to move the cursor to the 1st digit after "0.", then click "Up" and "Down" button to select a digit, then click "Enter" to confirm and move the cursor to the 2nd digit and set, then click "Enter" to confirm setting and the cursor will be moved to "X coord:". Click "Down" button to move the cursor to "Y coord:" to set Y coordinate value. **Note:** • Intensity settable value range: 000 (0%) -254 (100%), factory default is 254 (100%). • XY coordinate settable value range: 0.01-0.99, factory default is X=0.32, Y=0.32. Set Tc Color System Failure  1. "Power" means the light intensity and "TC" means the color temperature. 2. First is to set intensity. Click "Enter" button to move the cursor to the 1st digit after "Power:", then click "Up" and "Down" button to select a digit, then click "Enter" to confirm and move the cursor to 2nd digit and set, then 3rd digit, once the power is set, click "Enter" button to confirm and the cursor will be moved to "Power:". 3. After setting the intensity, click "Down" button to move the cursor to "TC:" to set color temperature. Click "Enter" button to move the cursor to the 1st digit after "TC:", then click "Up" and "Down" button to select a digit, then click "Enter" to confirm and move the cursor to 2nd digit and set, then 3rd, 4th and 5th, once the "TC" is set, click "Enter" button to confirm and the cursor will be moved to "TC:". Set RGBW Color System Failure  1. "Power" means the light intensity and "R, G, B, W" mean the value of each channel. 2. First is to set intensity. Click "Enter" button to move the cursor to the 1st digit after "Power:", then click "Up" and "Down" button to select a digit, then click "Enter" to confirm and move the cursor to 2nd digit and set, then 3rd digit, once the power is set, click "Enter" button to confirm and the cursor will be moved to "Power:". 3.After setting the intensity, click "Down" button to move the cursor to "R:" to set red color value. Click "Enter" button to move the cursor to the 1st digit after "R:", then click "Up" and "Down" button to select a digit, then click "Enter" to confirm and move the cursor to 2nd digit and set, then 3rd, once the "R" is set, click "Enter" button to confirm and the cursor will be moved to "R:". Then click "Down" button to move the cursor to "G:" and set, then "B:", then "W:". **Note:** • Intensity settable value range: 000 (0%) -254 (100%), factory default is 254 (100%). • R, G, B, W value settable value range: 000 (0%) -255 (100%), factory default is 254 (99.6%).

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Installation Instructions - DALI-2 RGBW Decoder

Models DALI2-DT8-RGBW

Please read all instructions prior to installation and keep for future reference!

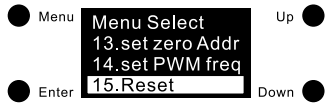
1. ENSURE POWER TO POWER SUPPLY IS OFF BEFORE INSTALLING
2. PRODUCT TO BE INSTALLED BY A QUALIFIED ELECTRICIAN.
3. USE ONLY WITH CLASS 2 POWER UNIT
4. DO NOT INSTALL WITH POWER APPLIED TO DEVICE.
5. DO NOT EXPOSE THE DEVICE TO MOISTURE.

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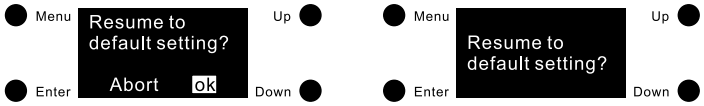
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RESET

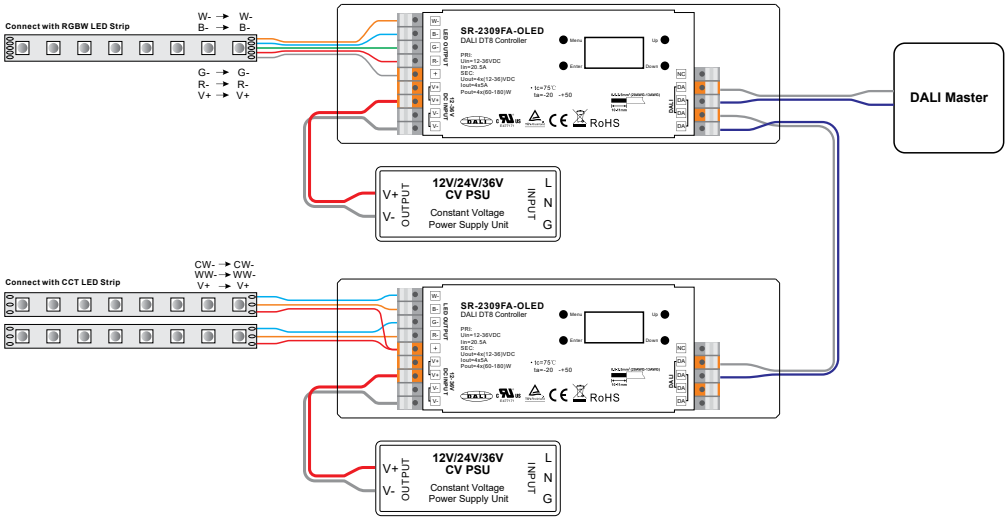
1) This setting is to factory reset the device. Click “Menu” button to return to Menu select interface, click “Up” and “Down” buttons to select “Reset”



2) Click “Enter” button to enter factory reset interface, click “Up” and “Down” button to move the cursor from “Abort” to “OK”, “Abort” means cancelling the reset, “OK” means confirming the reset, then click “Enter” button to confirm the reset, then the display will flash “Restoring to default setting” and restart which means the reset is successful.



WIRING DIAGRAM



Note:

1) Please use 1.5mm wire for DC input and LED output when total load of a controller is not over 10A (including 10A).
2) Please use 2.5mm wire for DC input and LED output when total load of a controller is over 10A.
3) Power Supply Unit required but not provided with DALI2-DT8-RGBW.

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