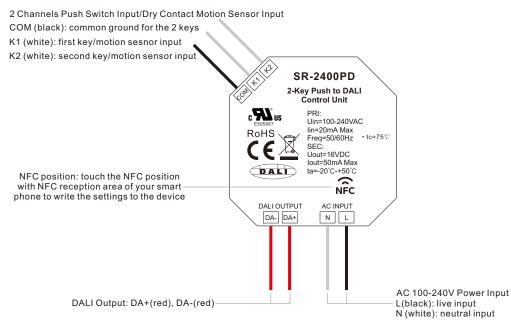
NFC Programmable 2-Key Push to DALI Control Unit

Important: Read All Instructions Prior to Installation

Function introduction



Product Data

Input Signal	2 channels push switch/dry contact motion sensor
Power Supply	100-240VAC(active)/DALI bus(passive)
Output	DALI signal
Output Current	50mA
DALI Current Consumption	<4mA
Controlled DALI Device Type	DT6, DT8 Tc, DT8 XY, DT8 RGBWAF NFC configurable
Operation Mode	Push Dim or Corridor Dim NFC configurable
Push Switch Function	NFC configurable
Motion Sensor Parameters	NFC configurable
Operating Temperature	-20°C-50°C
Relative Humidity	8% to 80%
Dimensions(LxWxH)	45.5x45x20.3mm

Product Features

- NFC programmable 2-key push to DALI control unit
- · 2 channels push switch input or dry contact motion sensor input
- PD (Push Dim) mode with push switch input or CD (Corridor Dim) mode with dry contact motion sensor input
- PD mode or CD mode can be set through NFC
- · Can work as standalone DALI sensors when connecting with dry contact motion sensors and set as CD mode
- 100-240VAC power supply (active mode) or DALI bus powered (passive mode)
- Built-in 50mA DALI bus power supply to control up to 25 DALI DT6/DT8 control gears
- Up to 100 DALI control gears can be controlled while 4 control units connected to AC mains
- DALI current consumption less than 4mA
- \bullet Controlled DALI device type can be freely configured through NFC App
- Supported device types: DT6, Tc, XY coordinates, RGBWAF
- $\ensuremath{\cdot}$ Controlled object of each push switch can be freely configured through NFC App
- · Supports broadcast, single address, and group control
- Each push switch supports three different operations: short press, long press, double click
- DALI command triggered by the a push switch operation can be freely configured through NFC App
- · Each DALI line can install multiple control units for multi control points
- Waterproof grade: IP20

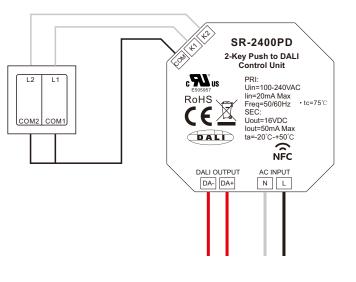
Safety & Warnings

- DO NOT install with power applied to device.
- DO NOT expose the device to moisture.

Wiring Diagram

PD Mode Push Switch Wiring (Works with 2-gang switch and 1-gang switch)

Connection with 2-gang switch



LA HA SR-2400PD 2-Key Push to DALI Control Unit PRI Uin=100-240VAC L L lin=20mA Max RoHS Freq=50/60Hz · tc=75°C R СОМ сом CE SEC: KX, Uout=16VDC lout=50mA Max ta=-20°C-+50°C ì DALD NFC DALI OUTPUT AC INPUT DA- DA+ N L

Figure 1: Wiring scheme to control up to 25 DALI ECGs (only 1 control unit powered by AC mains, the other powered by DALI bus)

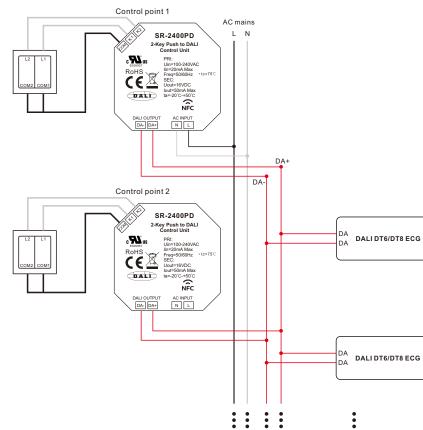


Figure 2: Wiring scheme to control up to 50 DALI ECGs (2 control units powered by AC mains, the other 2 powered by DALI bus)

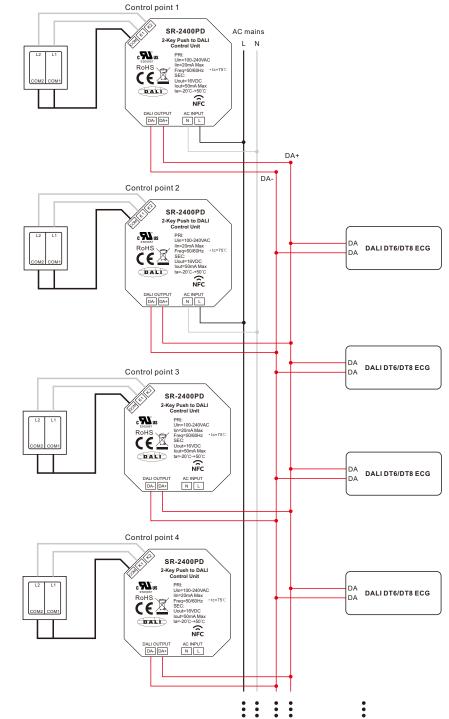
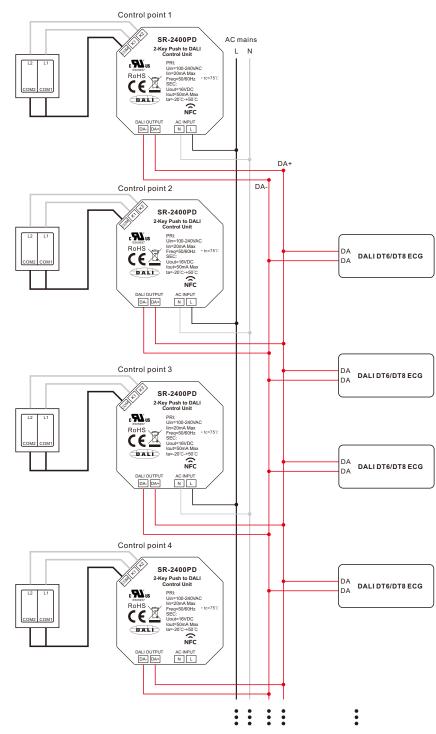


Figure 3: Wiring scheme to control up to 75 DALI ECGs (3 control units powered by AC mains, the other 1 powered by DALI bus)



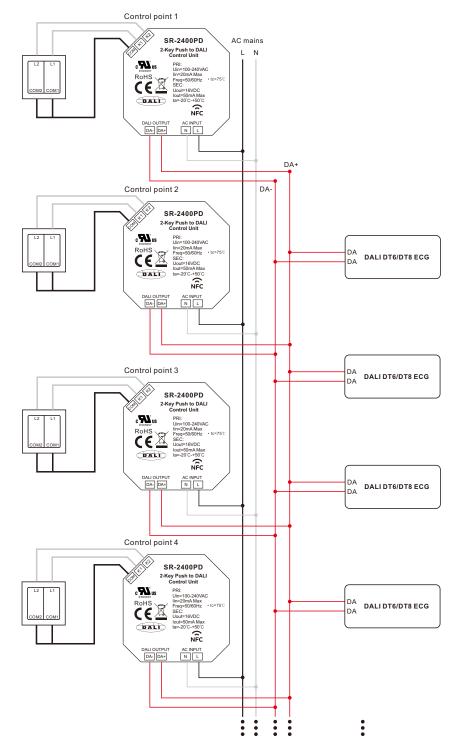


Figure 2: Wiring scheme to control up to 50 DALI ECGs (2 control units powered by AC mains, the other 2 powered by DALI bus)

Figure 1: Wiring scheme to control up to 25 DALI ECGs (only 1 control unit powered by AC mains, the other powered by DALI bus)

Control point 1 SR-2400PD AC mains 2-Key Push to DALI Control Unit L N ZГ Ţ ZГ c 🔊 us PRI: Uin=100-240VAC ROHS EXECUTE ROHS Feet Fee Uin=100-240VAC lin=20mA Max Freq=50/60Hz tc=75°C SEC: Uout=16VDC lout=50mA Max S S Motion Sensor Motion Sensor AC INPUT DALI OUTPUT DA+ DA-Control point 2 SR-2400PD 2.Key r -Control Uns. PRI: WintoO-2MVAC In=20nA Max Fore=50/80Hz Sec. ZГ Z L Ĥ τþ DA DALI DT6/DT8 ECG DA Ľ S Motion Sensor Motion Sensor AC INPUT DALI OUTPUT NL DA DALI DT6/DT8 ECG Control point 3 SR-2400PD 2-Key Push to DALI Control Unit Ţ ZГ F ZГ c**W**us PRI: Uin=100-240VAC Uin=100-240VA0 lin=20mA Max Freq=50/60Hz SEC: Uout=16VDC lout=50mA Max RoHS CE Z S S DALD ta=-20°C-+50°C DA Motion Sensor Motion Sensor DALI DT6/DT8 ECG DALI OUTPUT AC INPUT DA Control point 4 SR-2400PD 2-Key Push to DALI Control Unit ROHS CALLS ROHS ROHS CALLS ROHS Z F ZГ H DA DALI DT6/DT8 ECG DA • tc=75 S S Motion Sensor Motion Sensor AC INPUT DALI OUTPUT DA- DA+ NL

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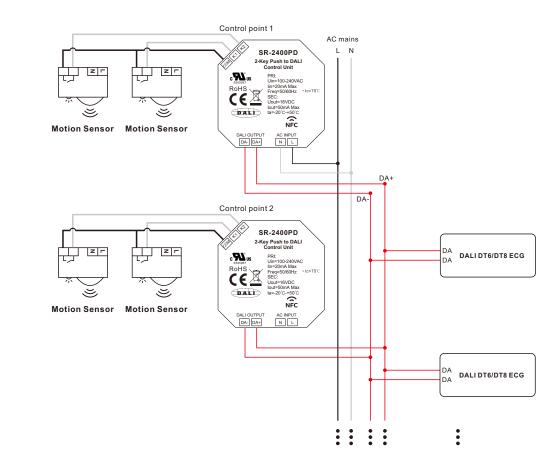
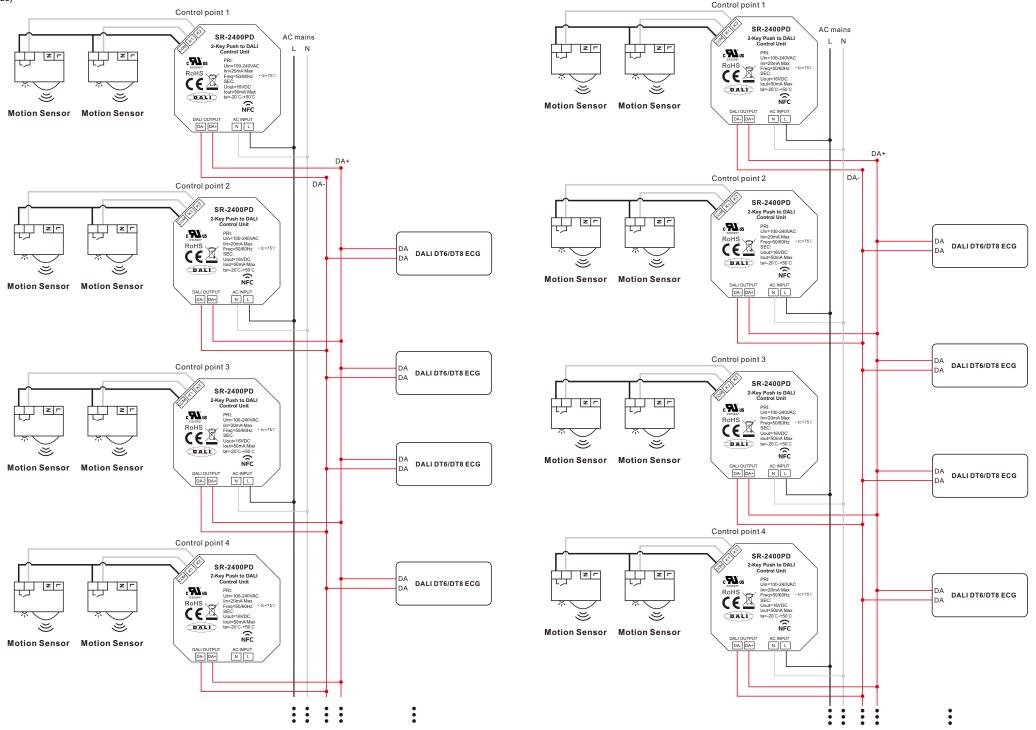


Figure 3: Wiring scheme to control up to 75 DALI ECGs (3 control units powered by AC mains, the other 1 powered by DALI bus)

Figure 4: Wiring scheme to control up to 100 DALI ECGs (all 4 control units powered by AC mains)



Programming

Note: During the whole programming process, make sure the control units are disconnected from AC mains and DALI bus.

1. Download NFC App

Step 1: Download and install NFC Programming App to your smart phone or tablet by scanning the following QR codes:





Android App QR Code

iOS App QR Code

Note: Please make sure that your smart phone or tablet supports NFC function.

2. Add Configuration

Step 1: Run the installed app SR NFC Tool as shown in Figure 1. Tap on "+" button at upper right corner to add a configuration as shown in Figure 2, there are two options: "Copy from a device", "Create a default configuration".

"Copy from a device" means to import a configuration from an existing control unit, tap on "Copy from a device", then touch the NFC position of the already programmed control unit with your smart phone or tablet NFC reception area, there should be indication on the app once the configuration is read and imported successfully.

"Create a default configuration" means to select a default configuration from the app, tap on "Create a default configuration", then name the configuration and select "Push-DALI 2KEY" configuration from the list, then tap on "Save" button at upper right corner as shown in Figure 3. The created configuration "SR-2400PD" will be listed under configuration page as shown in Figure 4.

DALLDIM

DALLOCT

DALLDIM D

DALL CCT D4

O Burb-DALLOVE

Zipbee DIN

RECOT

Kev1 target

Key2 target

Keyl short press action

Key1 long press action

Key1 double click action

Kev2 short press action

Key2 long press actions

Key2 double click action

Direct power settings

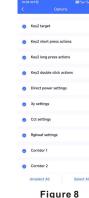
Figure 7

Figure 3



Figure 6

•		
	9:58 AM B Configurations	
	SR-2400PD Push-DAU 2KEY	
	2400PD Push-DAU 2KEY	
	Configurations	88 More
	Figure	
	10:55 AM 명 く Options	-
	· Kathanat	



Step 2: Tap the copied or created configuration for instance "SR-2400PD" as shown in Figure 4 to enter programming interface. Tap on "6" button at upper right corner to unlock the setting as shown in Figure 5 and Figure 6. We can set the attributes as shown in Figure 6.

3. Enable Options and Set Parameters of PD Mode

Step 1: "Options" setting: tap "Options" as shown in Figure 6, we can select the options we would like to set as shown in Figure 7 and Figure 8.

"target" is to set controlled target of a key.

"short press actions" is to set the DALI command triggered by short press of a key.

"long press actions" is to set the DALI command triggered by long press of a key

"double click actions" is to set the DALI command triggered by double click of a key

"Direct power settings" is to set direct brightness values that can be triggered by a key, only when this option is selected, and values of "Direct power settings" are set, a key can trigger a Direct ARC power value. (it's not selected by factory default)

"Xy settings" is to set XY coordinate values that can be triggered by a key, only when this option is selected, and values of "Xy settings" are set, a key can trigger XY coordinate value. (it's not selected by factory default)

"Cct settings" is to set color temperature values that can be triggered by a key, only when this option is selected, and values of "Cct settings" are set, a key can trigger a color temperature value. (it's not selected by factory default)

"Rgbwaf settings" is to set a color by setting the values of RGBWAF channels separately, and the color can be triggered by a key, only when this option is selected, and values of "Rgbwaf settings" are set, a key can trigger a RGBWAF color value. (it's not selected by factory default)

"Corridor 1" is the option that enables users to set the operation mode of K1 input of the control unit as CD mode or PD mode. Once this option is selected, users can select the operation mode of the K1 input: CD (Corridor Dim) mode or PD (Push Dim) mode. If this option is not selected, the operation mode of K1 input of the control unit can only be PD mode. (it's not selected by factory default)

"Corridor 2" is the option that enables users to set the operation mode of K2 input of the control unit as CD mode or PD mode. Once this option is selected, users can select the operation mode of the K2 input: CD (Corridor Dim) mode or PD (Push Dim) mode. If this option is not selected, the operation mode of K2 input of the control unit can only be PD mode. (it's not selected by factory default)

Once "Options" are selected, the configuration interface will list all options that can be set as shown in Figure 9 and Figure 10.



Step 2: "Key1 target" setting: tap "Key1 target" as shown in Figure 9, we can set controlled target of key 1 as shown in Figure 11, Figure 12 and Figure 13. There are three options: "Broadcast (factory default)", "Device (single DALI control gear)", "Group (a DALI group)". "Save" button at upper right corner means save the setting to smart phone, "Read" button at the bottom means read and import this single attribute from an existing control unit though NFC if you do not want to configure by yourself, "Write" button at the bottom means write this single attribute to a control unit though NFC.

"Broadcast" is to control all DALI ECGs on the DALI line through broadcast.

"Device" is to control a single DALI ECG on the DALI line, you can select an ECG address from 0-63 that you want to control, then tap on "Save" button at upper right corner to save the setting as shown in Figure 12.

"Group" is to control a group of DALI ECGs on the DALI line, you can select an ECG group address from 0-15 that you want to control, then tap on "Save" button at upper right corner to save the setting as shown in Figure 13.

Step 3: "Key1 short press actions" setting: tap "Key1 short press actions" as shown in Figure 9, we can set the DALI commands triggered by short press of key 1 as shown in Figure 14. Up to 10 actions can be set, which means you can set up to 10 actions (Action 1 to Action 10) triggered by 10 times short press in sequence as a cycle, 1st short press triggers Action 1, 2nd short press triggers Action 2,, 10th short press triggers Action 10, 11th short press triggers Action 1, 12th short press triggers Action 2,, 20th short press triggered by 2 times short press in sequence as a cycle. Available settings are as follows:

Figure 5

"Direct arc power control 1-16" is to trigger a direct brightness level as shown in Figure 15. These actions only work when "Direct power settings" option values are set.

"Off" means turn off, "Up" means smooth dim up, "Down" means smooth dim down, "Step up" means step dim up, "Step down" means step dim down, "Recall max" means recall max level, "Recall min" means recall min level, "Step down and off" means step dim down and off, "On and step up" means turn on and step dim up, "Go to last level" means go to last active level before turn off as shown in Figure 15 and Figure 16.

342 PM 명 ancel Key1 target	Save	146 PM B Keyl sho	CBS-st Sat 080 ort press acti	147 FM18 Cancel Keyl short press acti Save	147 PM t21 EB Sat Sat Cancel Keyl short press acti S
					Off
arget type		Action 1	Go to last level >	None	Up
Device Group	Broadcast	Action 2	Off >	Direct arc power control 1	Down
		Action 3	None >	Direct arc power control 2	
		Action 4	None >	Direct arc power control 3	Step up
ddress		Action 5	None >	Direct arc power control 4	Step down
0		Action 6	None >	Direct arc power control 5	Recall max
Value range 0-15		Action 7	None >	Direct arc power control 6	Recall min
value range 015		Action 8	None >	Direct arc power control 7	Step down and off
					On and step up
		Action 9	None >	Direct arc power control 8	Go to last level
		Action 10	None >	Direct arc power control 9	Go to scene 0
				Direct arc power control 10	Go to scene 1
				Direct arc power control 11	Go to scene 2
				Direct arc power control 12	
				Direct arc power control 13	Go to scene 3
				Direct arc power control 14	Go to scene 4
				Direct arc power control 15	Go to scene 5
				Off	Go to scene 6
Read	Write	Read	Write		Go to scene 7
				Up	

"Go to scene 0-15" is to trigger a DALI scene as shown in Figure 16 and Figure 17. These actions only work when DALI scenes are already configured for the ECGs.

Figure 15

Figure 16

Figure 14

Figure 13

"X-coordinate step up" is to step up x-coordinate value, "Y-coordinate step up" is to step up y-coordinate value as shown in Figure 17.

"X-coordinate step down" is to step down x-coordinate value, "Y-coordinate step down" is to step down y-coordinate value as shown in Figure 17.

"Cct step cooler" is to step the color temperature value to cooler, "Cct step warmer" is to step the color temperature value to warmer as shown in Figure 17.

147 PM (8) EB (94) Set (95) Cancel Keyl short press acti Save	147 PM (5) BH Sat (80) Cancel Keyl short press acti Save	148 PM tol Cancel Key1 short press acti Save	148 PH to BS. Cancel Keyl short press acti
So to scene 7	Activate xy 2	Activate cct 2	Activate cct 15
3o to scene 8	Activate xy 3	Activate cct 3	Activate cct 16
Go to scene 9	Activate xy 4	Activate cct 4	Activate rgbwaf 1
Go to scene 10	Activate xy 5	Activate cct 5	Activate rgbwaf 2
Go to scene 11	Activate xy 6	Activate cct 6	Activate rgbwaf 3
Go to scene 12	Activate xy 7	Activate cct 7	Activate rgbwaf 4
Go to scene 13	Activate xy 8	Activate cct 8	Activate rgbwaf 5
Go to scene 14	Activate xy 9	Activate cct 9	Activate rgbwaf 6
Go to scene 15	Activate xy 10	Activate cct 10	Activate rgbwaf 7
X-coordinate step up	Activate xy 11	Activate cct 11	Activate rgbwaf 8
Y-coordinate, step up	Activate xy 12	Activate cct 12	Activate rgbwaf 9
X-coordinate step down	Activate xy 13	Activate cct 13	Activate rgbwaf 10
Y-coordinate step down	Activate xy 14	Activate cct 14	Activate rgbwaf 11
Cct step cooler	Activate xy 15	Activate cct 15	Activate rgbwaf 12
Cct step warmer	Activate xy 16	Activate cct 16	Activate rgbwaf 13
Activate xy 1	Activate cct 1	Activate rgbwaf 1	Activate rgbwaf 14
Activate xy 2	Activate cct 2	Activate rgbwaf 2	Activate rgbwaf 15
Activate xy 3	Activate cct 3	Activate rgbwaf 3	Activate rgbwaf 16
Figure 17	Figure 18	Figure 19	Figure 20

"Activate Xy 1-16" is to trigger a Xy color as shown in Figure 17 and Figure 18. These actions only work when "Xy settings" option values are set.

"Activate cct 1-16" is to trigger a color temperature as shown in Figure 18 and Figure 19. These actions only work when "Cct settings" option values are set.

"Activate Rgbwaf 1-16" is to trigger a RGBWAF color as shown in Figure 19 and Figure 20. These actions only work when "Rgbwaf settings" option values are set.

Once the actions are set as shown in **Figure 14**, "**Save**" button at upper right corner means save the setting to smart phone, "**Read**" button at the bottom means read and import this single attribute from an existing control unit though NFC if you do not want to configure by yourself, "**Write**" button at the bottom means write this single attribute to a control unit though NFC. Step 4: "Key1 long press actions" setting: tap "Key1 long press actions" as shown in Figure 10, we can set the DALI commands triggered by long press of key 1 as shown in Figure 21. Up to 10 actions can be set, which means you can set up to 10 actions (Action 1 to Action 10) triggered by 10 times long press in sequence as a cycle, 1st long press triggers Action 1, 2nd long press triggers Action 2,, 10th long press triggers Action 10, 11th long press triggers Action 1, 12th long press triggers Action 2,, 20th long press triggered by 2 times long press in sequence as a cycle.

Available settings for long press actions are similar to short press actions as shown in Figure 22, Figure 23, Figure 24, Figure 25, Figure 26 and Figure 27, please refer to the settings of short press actions. There are some additional settings for long press actions as follows:

"Rgb loop1 (clockwise)" is to loop RGB channels clockwisely, "Rgb loop1 (anticlockwise)" is to loop RGB channels anticlockwisely as shown in Figure 22.

"Waf loop1 (clockwise)" is to loop WAF channels clockwisely, "Waf loop1 (anticlockwise)" is to loop WAF channels anticlockwisely as shown in Figure 22.

"W loop1 (clockwise)" is to loop W channel clockwisely, "W loop1 (anticlockwise)" is to loop W channels anticlockwisely as shown in Figure 22.

Once the actions are set as shown in **Figure 21**, "**Save**" button at upper right corner means save the setting to smart phone, "**Read**" button at the bottom means read and import this single attribute from an existing control unit though NFC if you do not want to configure by yourself, "**Write**" button at the bottom means write this single attribute to a control unit though NFC.

158 PH 10 B Sat Sat (BD	108 PM 07 🔤 Sat Geo	158 PM 01 🔤 Tail (Sal (SD)	2.08 PM 🕅 🗱 🖼 🛞
Cancel Keyl long press actions Save	Cancel Keyl long press actions Save	Cancel Keyl long press actions Save	Keyl double click act
Y-coordinate step down	Activate xy 15	Activate cct 15	Action 1 Recall max >
Cct step cooler	Activate xy 16	Activate cct 16	Action 2 Recall min >
Cct step warmer	Activate cct 1	Activate rgbwaf 1	Action 3 None >
Activate xy 1	Activate cct 2	Activate rgbwaf 2	
Activate xy 2	Activate cct 3	Activate rgbwaf 3	
Activate xy 3	Activate cct 4	Activate rgbwaf 4	
Activate xy 4	Activate oct 5	Activate rgbwaf 5	
Activate xy 5	Activate cct 6	Activate rgbwaf 6	
Activate xy 6	Activate cct 7	Activate rgbwaf 7	
Activate xy 7	Activate cct 8	Activate rgbwaf 8	
Activate xy 8	Activate cct 9	Activate rgbwaf 9	
Activate xy 9	Activate cct 10	Activate rgbwaf 10	
Activate xy 10	Activate cct 11	Activate rgbwaf 11	
Activate xy 11	Activate cct 12	Activate rgbwaf 12	
Activate xy 12	Activate cct 13	Activate rgbwaf 13	
Activate xy 13	Activate cct 14	Activate rgbwaf 14	
Activate xy 14	Activate cct 15	Activate rgbwaf 15	
Activate xy 15	Activate cct 16	Activate rgbwaf 16	Read Write
Figure 25	Figure 26	Figure 27	Figure 28

Direct arc power control 3 Direct arc power control 4 Direct arc power control 5 Direct arc power control 6	Step down Recall max 🗸 🗸	Go to scene 11 Go to scene 12 Go to scene 13	Activate xy 7 Activate xy 8 Activate xy 9
irect arc power control 7	Step down and off	Go to scene 14	Activate xy 10
irect arc power control 8	On and step up	Go to scene 15	Activate xy 11
irect arc power control 9	Go to last fevel	X-coordinate step up	Activate xy 12
irect arc power control 10 irect arc power control 11 irect arc power control 12	Go to scene 0 Go to scene 1 Go to scene 2 Go to scene 3	Y-coordinate, step up X-coordinate step down Y-coordinate step down Cct step cooler	Activate xy 13 Activate xy 14 Activate xy 15 Activate xy 16
ect arc power control 13	Go to scene 4	Cct step warmer	Activate cct 1
ect arc power control 14	Go to scene 5	Activate xy 1	Activate cct 2
ect arc power control 15	Go to scene 6	Activate xy 2	Activate cct 3
Figure 29	Go to scene 7	Activate xy 3	Activate cct 4
	Figure 30	Figure 31	Figure 32

Step 5: "Key1 double click actions" setting: tap "Key1 double click actions" as shown in Figure 10, we can set the DALI commands triggered by double click of key 1 as shown in Figure 28. Up to 3 actions can be set, which means you can set up to 3 actions (Action 1 to Action 3) triggered by 3 times double click in sequence as a cycle, 1st double click triggers Action 1, 2nd double click triggers Action 2, 3rd double click triggers Action 3, 4th double click triggers Action 1, 5th double click triggers Action 2, 6th double click triggers Action 3, By factory default, only 2 actions are set, other actions are not set, that means only Action 1 and Action 2 triggered by 2 times double click in sequence as a cycle.

Available settings for double click actions are similar to short press actions as shown in Figure 29, Figure 30, Figure 31, Figure 32, Figure 33 and Figure 34, please refer to the settings of short press actions.

Once the actions are set as shown in **Figure 28**, "**Save**" button at upper right corner means save the setting to smart phone, "**Read**" button at the bottom means read and import this single attribute from an existing control unit though NFC if you do not want to configure by yourself, "**Write**" button at the bottom means write this single attribute to a control unit though NFC.

Step 6: "Key2 target" setting: tap "Key2 target" as shown in Figure 10, we can set controlled target of key 2, please refer to Step 6 "Key1 target" for detailed settings.

Step 7: "Key2 short press actions" setting: tap "Key2 short press actions" as shown in Figure 10, we can set the DALI commands triggered by short press of key 2, please refer to Step 7 "Key1 short press actions" for detailed settings.

Step 8: "Key2 long press actions" setting: tap "Key2 long press actions" as shown in Figure 10, we can set the DALI commands triggered by long press of key 2, please refer to Step 8 "Key1 long press actions" for detailed settings.

Step 9: "Key2 double click actions" setting: tap "Key2 double click actions" as shown in Figure 10, we can set the DALI commands triggered by double click of key 2, please refer to Step 9 "Key1 double click actions" for detailed settings.

209 PM (8) Cancel Keyl double click act Save	2.09 PM (2)	2:21 PM (0)	Set Set (9)	2:21 PM 10	📾 Sai Sa
	Cancel Keyl double click act Save	< Direct power s	ettings	Cancel	Value 1
Activate cct 4	Activate cct 15	Value 1	254 >		
Activate cct 5	Activate cct 16	Value 2	239 >	254	
Activate cct 6	Activate rgbwaf 1	Value 3	223 >	Value range0-255	
Activate cct 7	Activate rgbwaf 2	Value 4	207 >		
Activate cct 8	Activate rgbwaf 3	Value 5	191 >		
Activate cct 9	Activate rgbwaf 4	Value 6	175 >		
ctivate cct 10	Activate rgbwaf 5	Value 7	159 >		
ictivate cct 11	Activate rgbwaf 6	Value 8	145 >		
ictivate cct 12	Activate rgbwaf 7	Value 9	127 >		
ctivate cct 13	Activate rgbwaf 8				
ctivate cct 14	Activate robwaf 9	Value 10	111 >		
ctivate cct 15	Activate robwaf 10	Value 11	95 >		
ictivate cct 16	Activate robwaf 11	Value 12	79 >		
ictivate rgbwaf 1	Activate rgbwaf 12	Value 13	63 >		
activate robwaf 2	Activate rgbwal 13	Value 14	47 >		
activate rgbwaf 3		Value 15	0 >		
Activate rgbwaf 4	Activate rgbwaf 14				
Activate rgbwaf 5	Activate rgbwaf 15	Read	Write		
attiott (Bourne o	Activate rgbwaf 16	Reau	write		
F : 00	F : 04				
Figure 33	Figure 34	Figure	35	Fig	ure 36

Step 10: "Direct power settings" setting: tap "Direct power settings" as shown in Figure 10, we can set 15 brightness values as shown in Figure 35, tap on a value to enter setting interface as shown in Figure 36, setting range is 0-255, 0-254 means 0-100%, 255 means mask. Tap on "Save" button at the upper right corner to save the setting as shown in Figure 36.

Once the values are set as shown in Figure 35, "Read" button at the bottom means read this single attribute from an existing control unit though NFC, "Write" button at the bottom means write this single attribute to a control unit though NFC.

0 70, 0.27 > 0.40, 0.23 > 0.50, 0.13 > 0.40, 0.13 > 0.40, 0.05 > 0.10, 0.05 > 0.10, 0.15 > 0.05, 0.15 > 0.05, 0.15 > 0.05, 0.15 > 0.05, 0.15 >	X 20 Value range0-100 Y 27 Value range0-100	x 0.01 x 0.01	Cet 1 Cet 2 Cet 3 Cet 4 Cet 5 Cet 6 Cet 7 Cet 8 Cet 9	2700K > 3500K > 3500K > 3500K > 4500K > 4500K > 4500K >	2700 Value rangeridoot-ti	0000K
0.50,0.18 > 0.40,0.13 > 0.30,0.09 > 0.10,0.05 > 0.08,0.30 > 0.08,0.30 > 0.05,0.50 >	Volue range0-100 Y 27		Cet 5 Cet 4 Cet 5 Cet 6 Cet 7 Cet 8 Cet 9	3500K > 3500K > 3900K > 4200K > 4500K > 4800K >	Value range1000K-N	0000K
0.40,0.03 > 0.30,0.09 > 0.30,0.05 > 0.30,0.15 > 0.08,0.30 > 0.05,0.50 >	Volue range0-100 Y 27		Cet 4 Cet 5 Cet 6 Cet 7 Cet 8 Cet 9	3500K > 3900K > 4200K > 4500K > 4800K >		0000K
0.30, 0.09 > 0.20, 0.05 > 0.30, 0.15 > 0.08, 0.30 > 0.05, 0.50 >	¥ 27	× 0.01	Cct 5 Cct 6 Cct 7 Cct 8 Cct 9	3900K > 4200K > 4500K > 4800K >	O Default	
0.20,0.05 > 0.10,0.15 > 0.08,0.30 > 0.05,0.50 > 0.05,0.70 >	27	× 0.01	Cct 6 Cct 7 Cct 8 Cct 9	4200K > 4500K > 4800K >		
0.10, 0.15 > 0.08, 0.30 > 0.05, 0.50 > 0.03, 0.70 >	27	x 0.01	Cet 7 Cet 8 Cet 9	4500K > 4800K >		
0.08, 0.30 > 0.05, 0.50 > 0.03, 0.70 >		x 0.01	Cct 8 Cct 9	4800K >		
0.05, 0.50 >	Value range0-100		Cct 9			
0.03. 0.70 >				5000K >		
0.10, 0.80 >			Cct 10	5300K >		
			Cet 11	5600K >		
0.20, 0.74 >			Cet 12	6000K >		
0.30, 0.65 >			Cct 13	6500K >		
0.40, 0.55 >			Cct 14	Default >		
0.50, 0.45 >			Cct 15	Default >		
0.60, 0.35 >			Cct 16	Default >		
Write			Read	Write		
0	40, 0.55 > 50, 0.45 > 60, 0.35 >	40, 0.55 > 50, 0.45 > 60, 0.35 >	40, 0.55 > 50, 0.45 > 40, 0.35 >	40.036 > Cct 14 60.066 > Cct 15 60.055 > Cct 15	40. 355 3 Cet 14 Default 3 60. 65 3 Cet 15 Default 3 60. 353 3 Cet 15 Default 3	All, 0.55 3 Cet M Default 3 60, 0.65 3 Cet MS Default 3 60, 0.55 3 Cet MS Default 3

Step 10: "Xy settings" setting: tap "Xy settings" as shown in Figure 10, we can set 16 XY coordinate values as shown in Figure 37, tap on a value to enter setting interface as shown in Figure 38, setting range is 0-1. Tap on "Save" button at the upper right corner to save the setting as shown in Figure 38.

Once the values are set as shown in **Figure 37**, "**Read**" button at the bottom means read and import this single attribute from an existing control unit though NFC if you do not want to configure by yourself, "Write" button at the bottom means write this single attribute to a control unit though NFC.

Step 11: "Cct settings" setting: tap "Cct settings" as shown in Figure 10, we can set 16 color temperature values as shown in Figure 39, tap on a value to enter setting interface as shown in Figure 40, setting range is 1000-10000K. Tap on "Save" button at the upper right corner to save the setting as shown in Figure 40.

Once the values are set as shown in **Figure 39**, **"Read"** button at the bottom means read and import this single attribute from an existing control unit though NFC if you do not want to configure by yourself, **"Write"** button at the bottom means write this single attribute to a control unit though NFC.

Step 12: "Rgbwaf settings" setting: tap "Rgbwaf settings" as shown in Figure 10, we can set 16 RGBWAF values as shown in Figure 41, tap on a value to enter setting interface as shown in Figure 42 and Figure 43, you can set RGBWAF channels separately, setting range for each channel is 0-254 (0-100%). Tap on "Save" button at the upper right corner to save the setting as shown in Figure 43.

Once the values are set as shown in **Figure 41**, "**Read**" button at the bottom means read and import this single attribute from an existing control unit though NFC if you do not want to configure by yourself, "**Write**" button at the bottom means write this single attribute to a control unit though NFC.



3. Select Push Dim or Corridor Dim Mode and Set Parameters of CD Mode

Step 1: "Corridor 1" setting: tap "Corridor 1" as shown in Figure 10, we can set the operation mode of K1 input of the control unit as shown in Figure 44, factory default mode is "DD" mode. If users set the mode to "CD" mode, K1 input can be connected with a dry contact motion sensor and detects motion to control the targets of Key 1. The available setting parameters for the motion sensor are as follows as shown in Figure 45 and Figure 46:

"Fade in time" is to set the fade time that the target DALIECGs fade in to the set occupied level from current status after motion detected as shown in Figure 45. Tap on "Fade in time" to enter the value setting page, available setting is 0S~90.5S, factory default setting is 1S as shown in Figure 47.

"Occupied time" is to set the how long will the occupied level last as shown in Figure 45. Available setting is 0S~60000S, factory default setting is 180S as shown in Figure 45.

"Occupied level" is to set the brightness that the target DALI ECGs will turn to after motion detected as shown in Figure 45. Available setting is 0~100%, factory default setting is 100% as shown in Figure 45.

"Fade out time" is to set the fade time that the target DALI ECGs fade out to the set prolonged level from occupied level after occupied time expires as shown in Figure 45. Tap on "Fade out time" to enter the value setting page, available setting is 0S~90.5S, factory default setting is 4S as shown in Figure 48.

"Prolonged time" is to set how long will the prolonged level last as shown in Figure 46. Available setting is 0S~60000S and infinite, factory default setting is 5S as shown in Figure 46. Infinite means the prolonged level will last forever and never fade off.

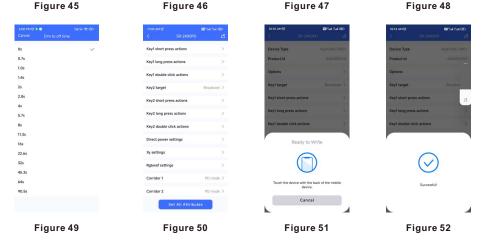
"Prolonged level" is to set the brightness that the target DALI ECGs will turn to after occupied time expires as shown in Figure 46. Available setting is 0~100%, factory default setting is 10% as shown in Figure 46.

"Dim-to-off time" is to set the fade time that the target DALI ECGs fade to off from prolonged level after prolonged time expires as shown in Figure 46. Tap on "Dim-to-off time" to enter the value setting page, available setting is 0S~90.5S, factory default setting is 0S as shown in Figure 49.

	Save	11.02 AM 13 Cancel	Corridor 1 Save	si4s PM to ► 🖬 📾 Cancel Fade	tarttar 🕸 (BD) e in time	6:00 PM10 • 8 Cancel Fade
ade in time		100	%	0s		Os
1.0s		Value range 0-100		0.7s		0.7s
Occupied time		Fade out time		1.0s	\checkmark	1.0s
		45		1.4s		1.4s
180 s		Prolonged time		25		25
lalue range 0-60,000				2.8s		2.8s
Occupied level		5	5	4s		4s
		Value range 0-60,	000	5.7s		5.7s
00 %) Infinite		85		85
alue range 0-100				11.3s		11.3s
ade out time		Prolonged level		16s		16s
45		10	%	22.65		22.6s
Prolonged time				32s		32s
		Value range 0-100		45.3s		45.3s
5 s		Dim to off time		64s		64s
falue range 0-60,000		Os		90.5s		90.5s

Figure 45

Figure 48



Step 2: "Corridor 2" setting: tap "Corridor 2" as shown in Figure 10, we can set the operation mode of K2 input of the control unit as shown in Figure 44, factory default mode is "PD" mode. If users set the mode to "CD" mode, K2 input can be connected with a dry contact motion sensor and detects motion to control the targets of Key 2. The available setting parameters for the motion sensor are the same as K1's motion sensor setting, please refer to the settings of the K1's motion sensor.

4. Write the Settings to the Control Unit

Step 1: once all settings are completed as shown in Figure 50, we need to write all attributes to the control unit through NFC, tap on "Set All Attributes" as shown in Figure 51, then touch the control unit NFC position with the NFC reception area of the smart phone as the app instructed as shown in Figure 51. Once write successfully, there shall be a pop-up window to indicate as shown in Figure 52.

5. Control the Connected DALI ECGs Using the Control Unit

Step 1: connect the programmed control units to push switches or dry contact motion sensors, mains power and DALI ECGs, then power on, you can control the DALI ECGs (DT6, DT8 Tc, DT8 XY, DT8 RGBWAF) using the push switches or motion sensors depending on your configurations.

Product Dimension

