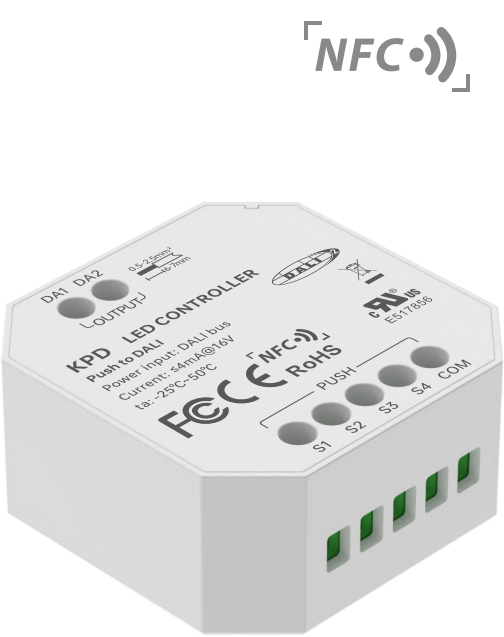


Product Introduction

- Freely configure DALI command types—such as on/off, dimming, color adjustment, and brightness levels—via the NFC Lighting app;
- Supports various DALI device types, including DT6, Tc, XY coordinates, and RGBWAF;
- Supports two operating modes: Master Mode and Slave Mode;
- Supports up to 4 input control channels, compatible with momentary switches, rocker switches, and sensor devices;
- Master Mode supports broadcast, single-address, group-address, and scene settings;
- Each self-resetting switch channel in Master Mode supports three operations—short press, long press, and double-tap—with multiple command loops configurable for each operation;
- Each toggle switch channel in Master Mode supports two operations—on and off—with corresponding commands configurable for each operation;
- Each corridor light channel in Master Mode supports configuration of parameters such as detection time, standby time, and detection brightness;
- Powered via the DALI bus, no additional power supply is required;
- Compact size and easy installation; compatible with Chinese, European, and U.S. standard flush-mounted junction boxes.

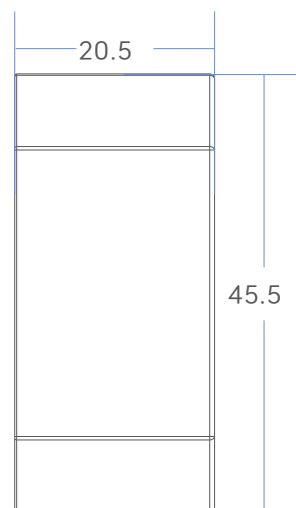
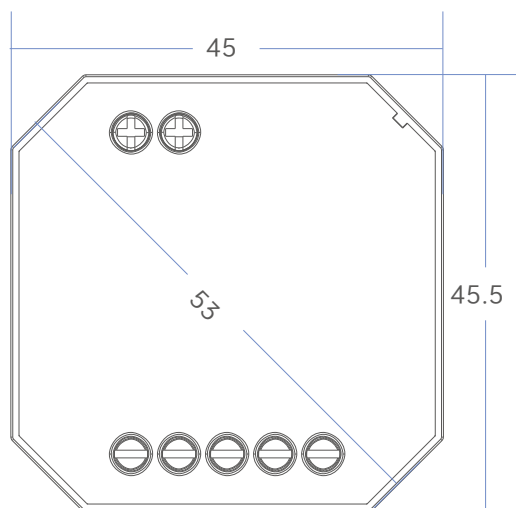


Technical Spec

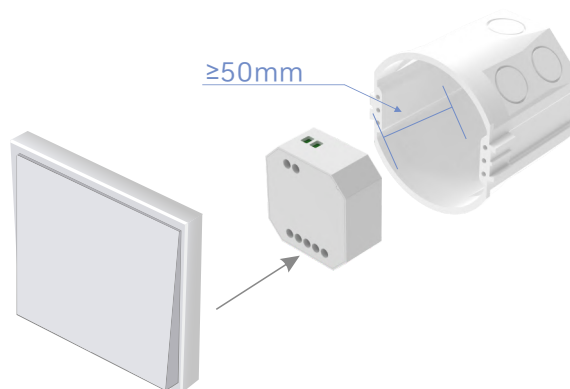
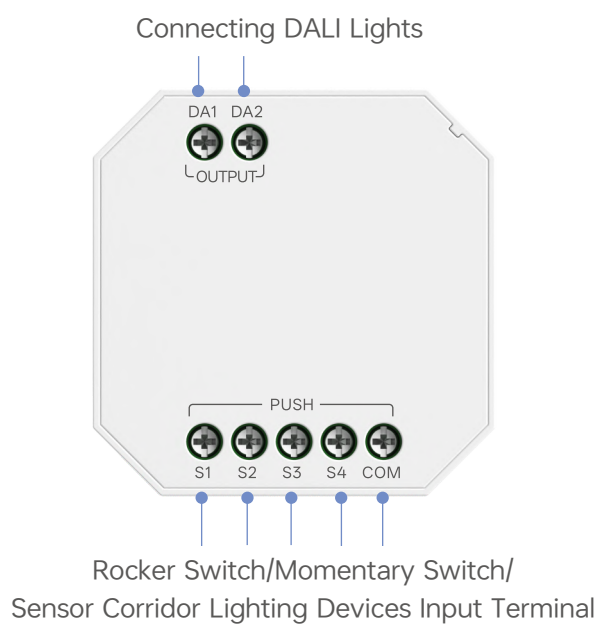
Model	KPD
Current consumption	≤4mA@16V
Power supply mode	DALI Bus power supply
Input signal	Dry contact
Output signal	DALI-2
Working temperature	-25°C~50°C
Product size	L45×W45.5×H20.5(mm)
Package size	L50×W50×H28(mm)
Product weight	30g
Standards	EN 61347-2-13:2014+A1:2017、EN 61347-1:2015+A1:2021、EN 62493:2015/A1:2022、IEC62386-101 IEC62386-103 IEC62386-301

Product Size

Unit: mm



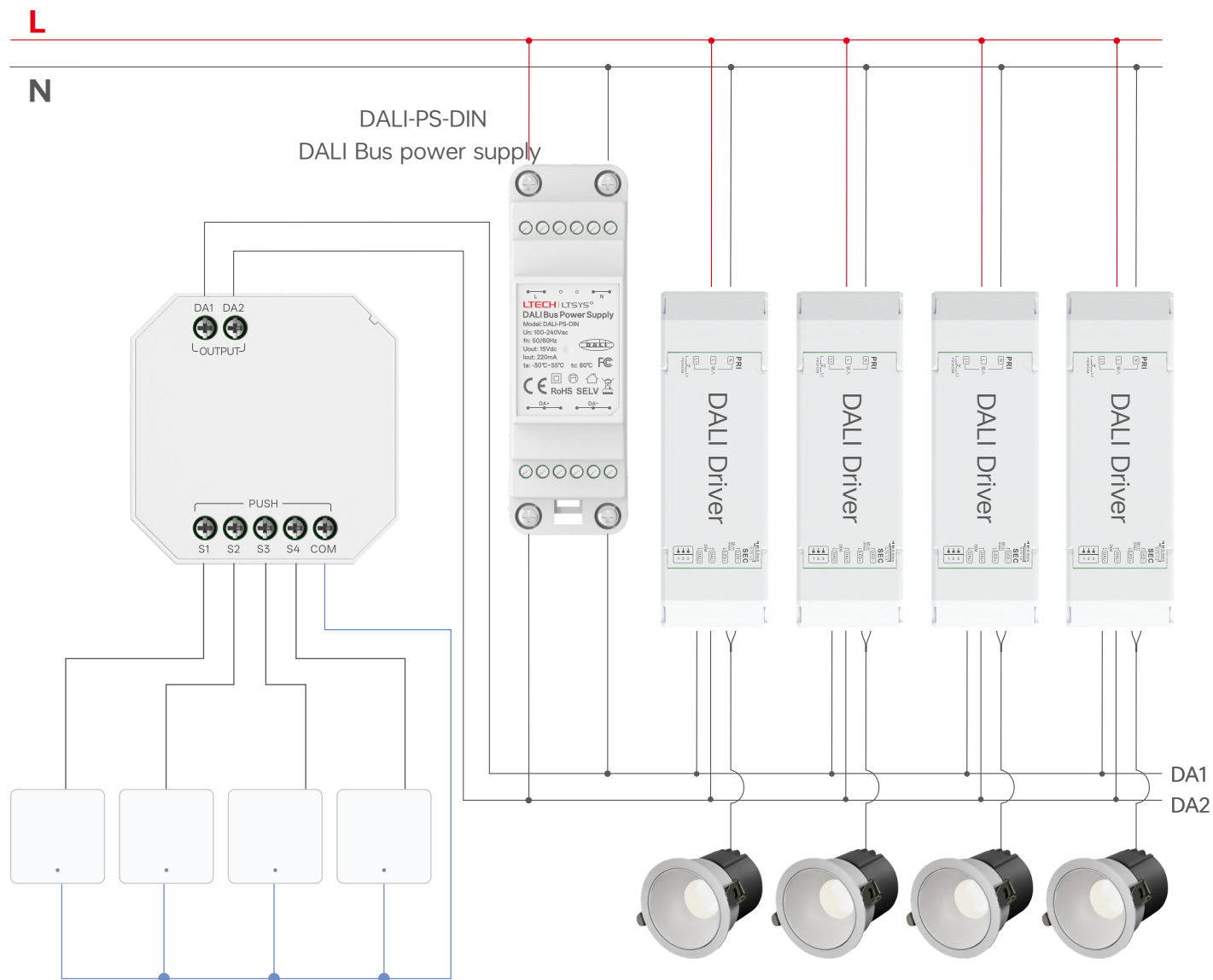
Product Images



Hide this product inside a switch box.
*Requires installation in a box with a depth of $\geq 50\text{mm}$

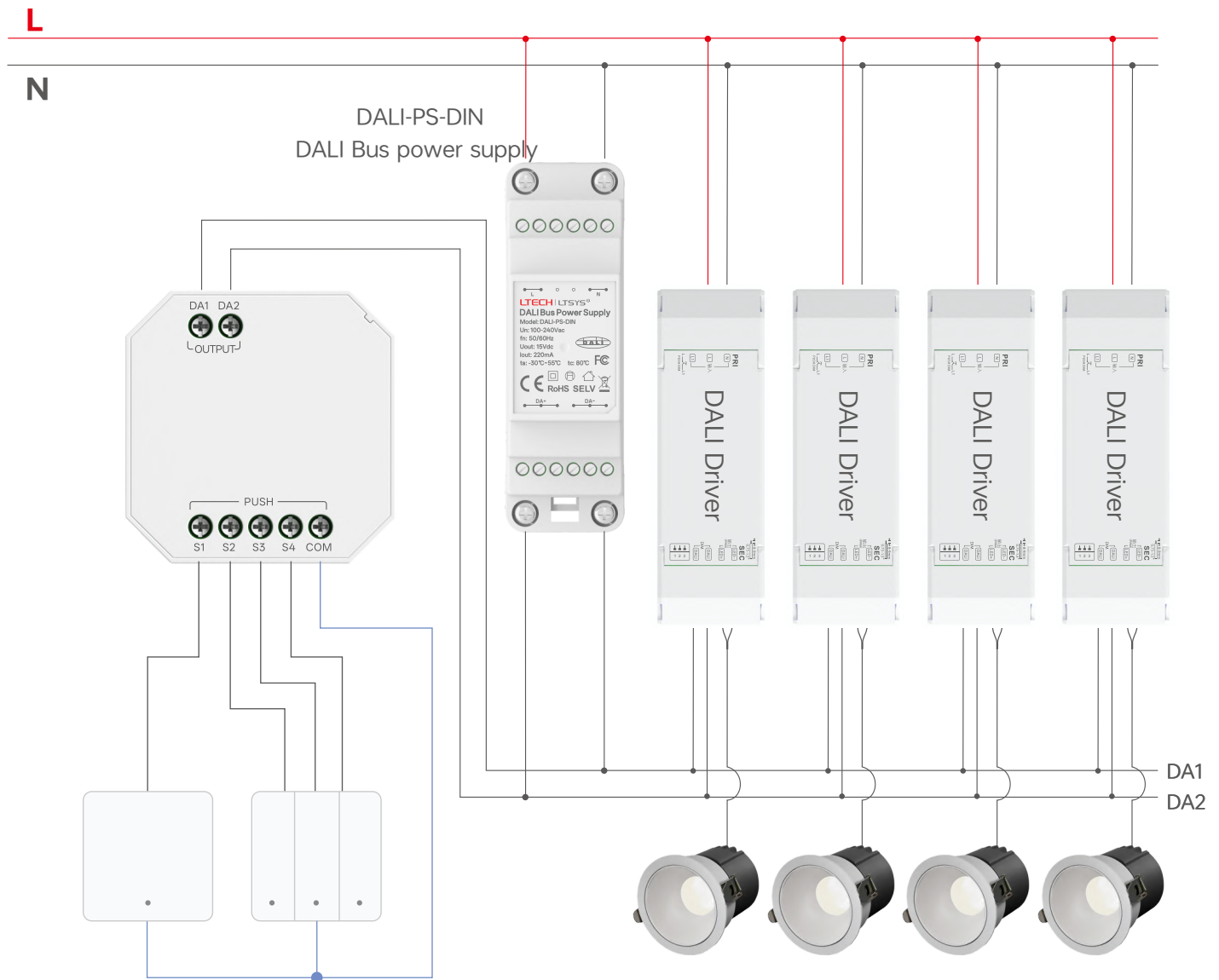
Master Mode Wiring (To use this mode, set the NFC Lighting app to “Master Mode”)

1. Connect four single-pole momentary switches



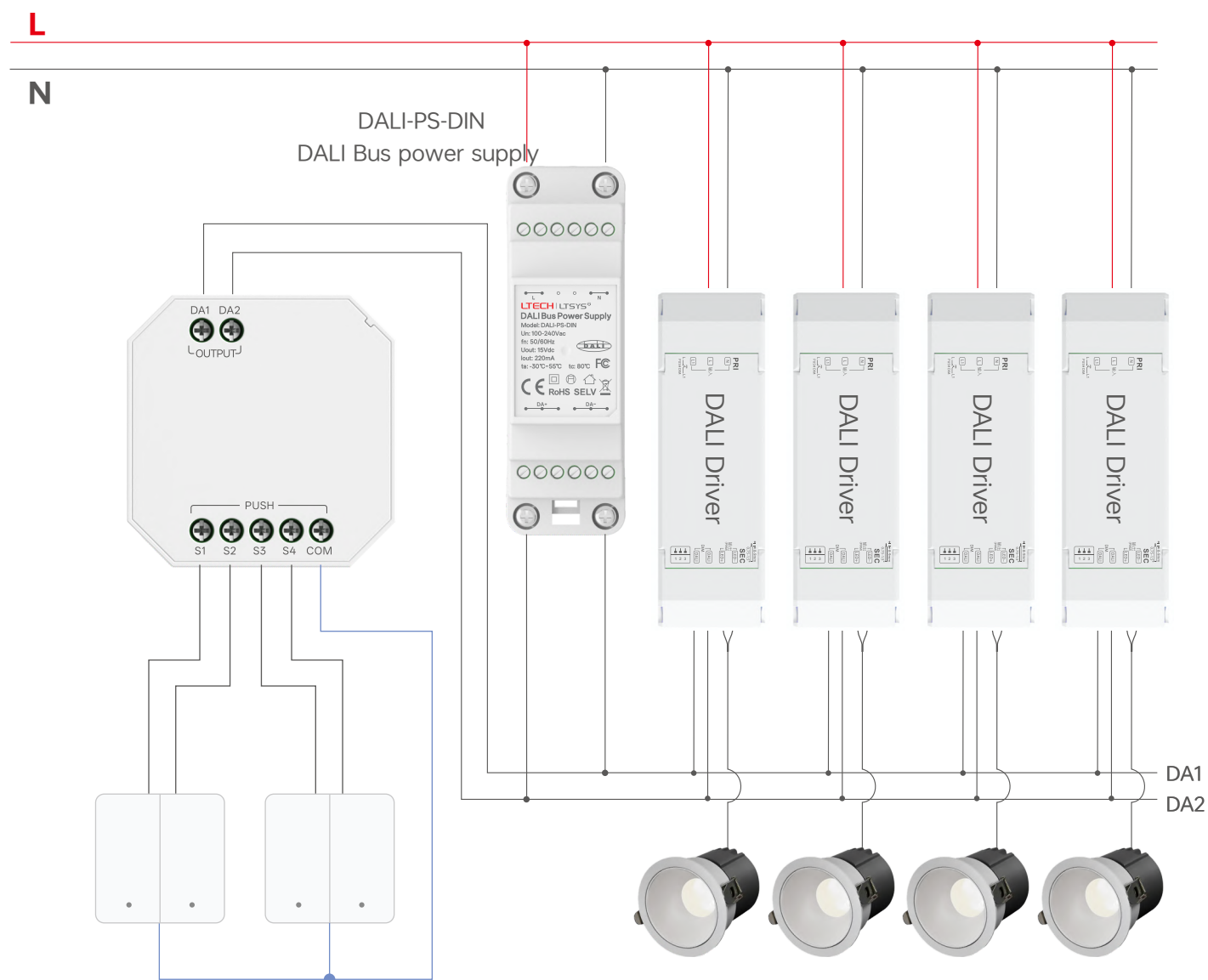
*The momentary switch does not need to connect L and N lines, doing so may damage the equipment.

2. Connect a single-pole momentary switch and a three-pole momentary switch



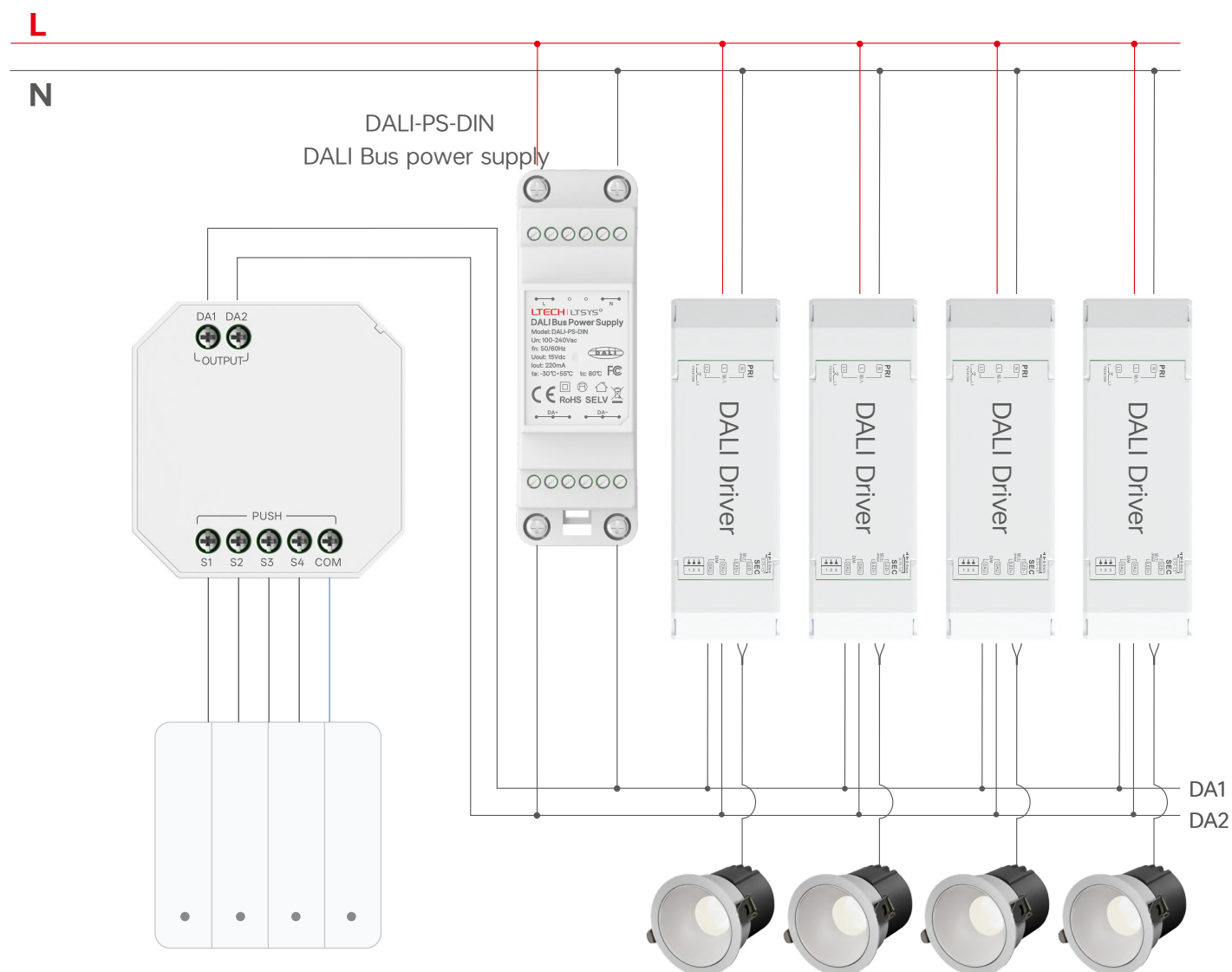
*The momentary switch does not need to connect L and N lines, doing so may damage the equipment.

3. Connect two two-way momentary switches



*The momentary switch does not need to connect L and N lines, doing so may damage the equipment.

4. Connect a four-way momentary switch

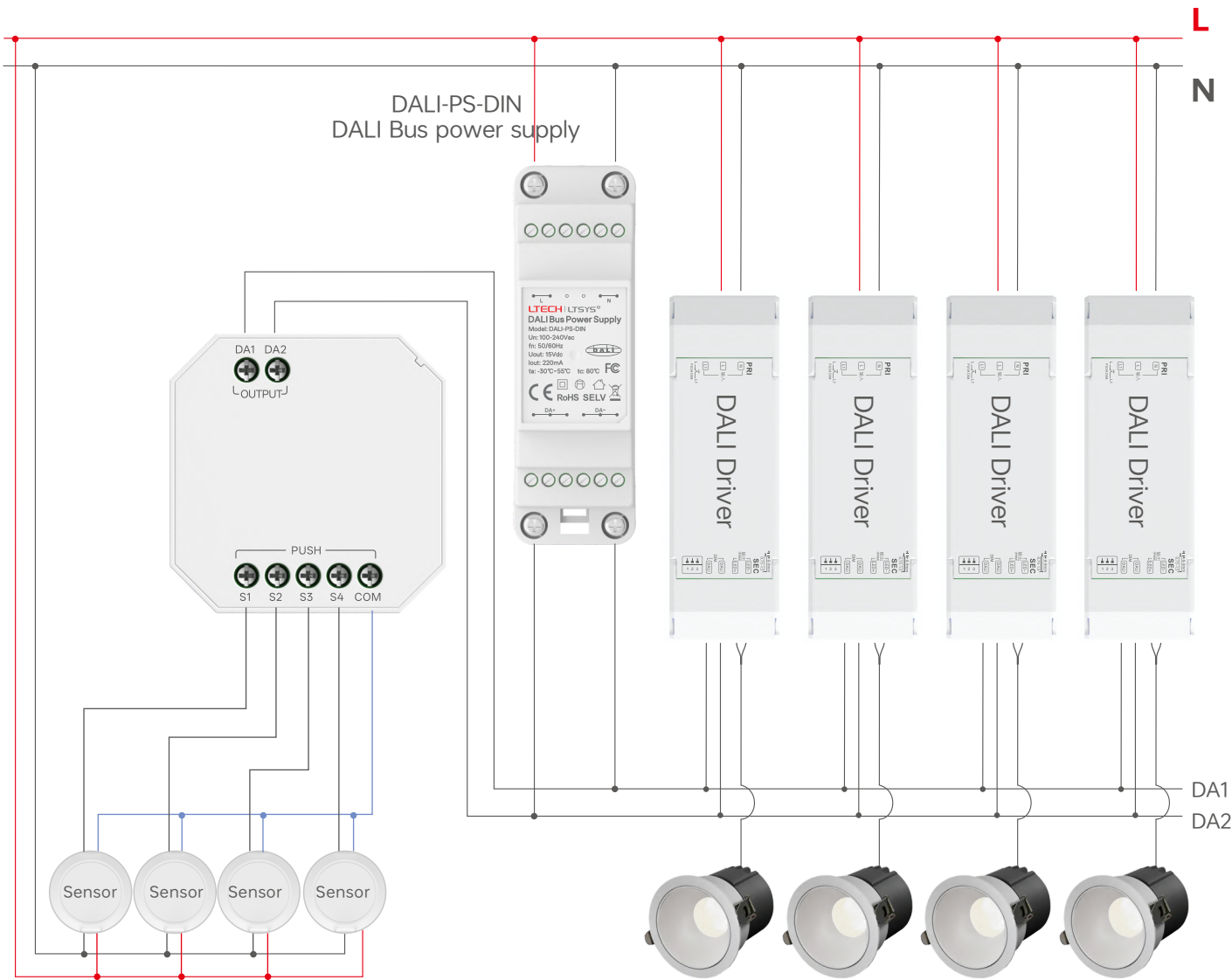


*The momentary switch does not need to connect L and N lines, doing so may damage the equipment.

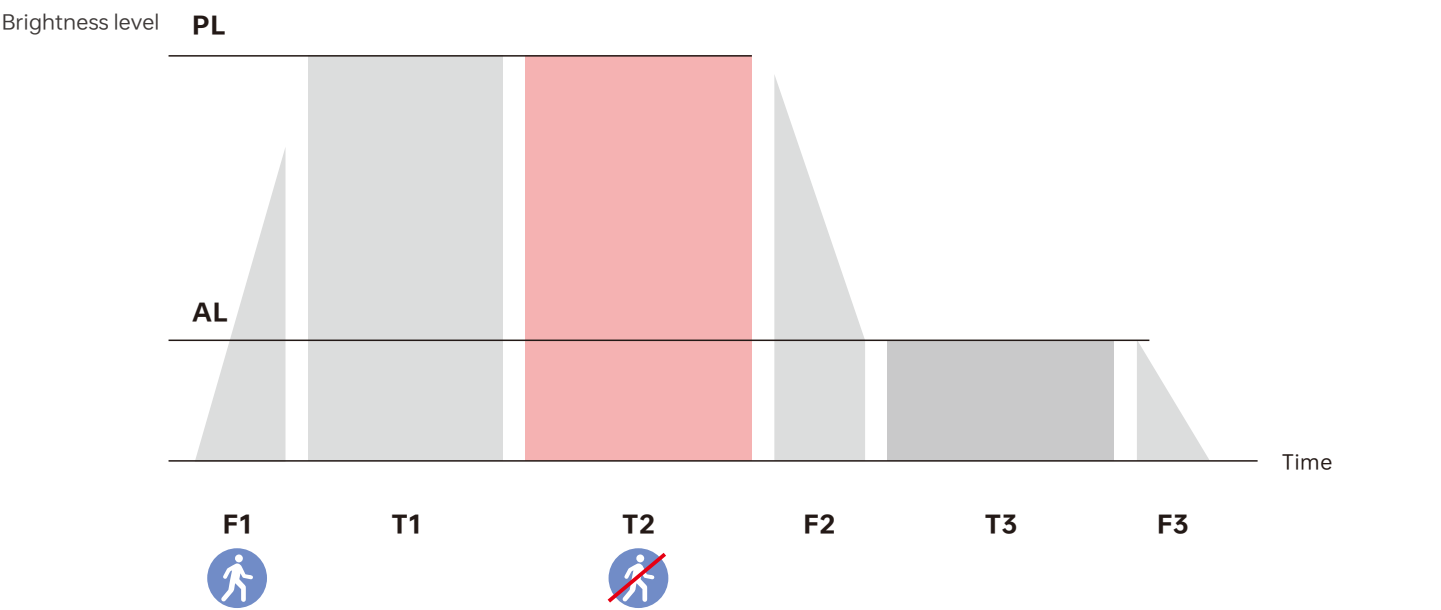
The diagram illustrates the wiring for a DALI-PS-DIN DALI Bus power supply. The power supply unit is connected to a main power line (L, N, PE). The power supply unit has terminals for DA1, DA2, and OUTPUT. The DALI drivers are connected to the power supply unit via their PRI and SEC terminals. The spotlights are connected to the DALI drivers via their DALI terminals. The diagram includes labels for L, N, and PE lines.

7

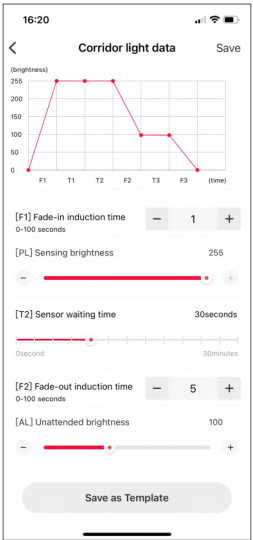
6.Wiring for Corridor Lights



Corridor Dimming Working Process



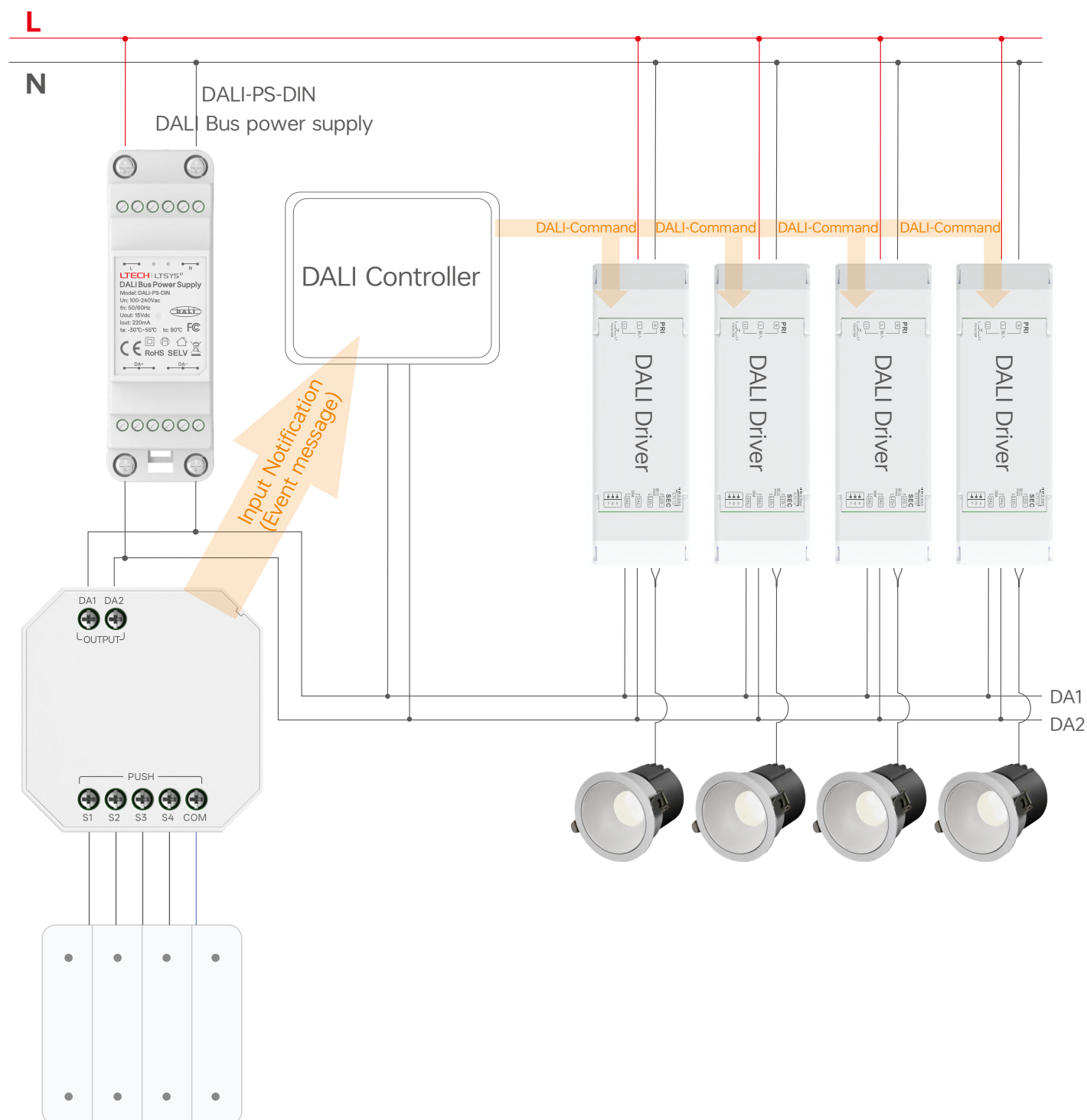
Name	Default	Setting Range
(F1) Gradual Entry Sensing Time	1 s	0-100 s
(PL) Sensing Brightness	255	0-255
(T1) Sensing Holding Time	Set through the sensor	
(T2) Delay Time	30 s	0 s,5 s,10 s,20 s,30 s,45 s,1 min, 2 min, 3 min,5 min,10 min,20 min,30 min
(F2) Gradual Exit Sensing Time	1 s	0-100 s
(AL) Standby Brightness	100	0-255
(T3) Sensing Standby Time	30 s	0 s,5 s,10 s,20 s,30 s,45 s,1 min,2 mins,3 mins,5 mins, 10 mins,20 mins,30 mins,Permanent
(F3) Gradual Exit to Off Time	1 s	0-100 s



Note: *If the lamp needs to be on standby at a low brightness level, the [T3] Sensing Standby Time should be set to "Permanent".

*The above parameters are set through the NFC lighting APP.

2. Connect a four-way rocker switch (can also be connected to single-way or multi-way rocker switches)



*The rocker switch does not need to connect L and N lines, doing so may damage the equipment.

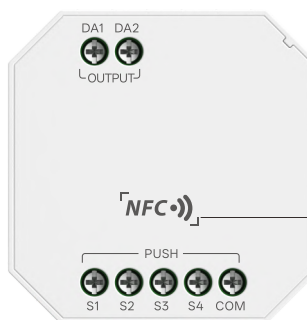
Use the NFC Setup APP

Scan the QR code below with your mobile phone and install the APP as prompted.

(Due to performance requirements, the required phone model is Apple: iPhone8 or above, and the operating system iOS13 or above; Android: NFC enabled models).



Scan code download APP
IOS/Android

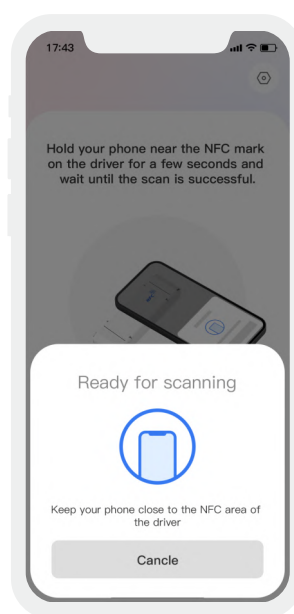
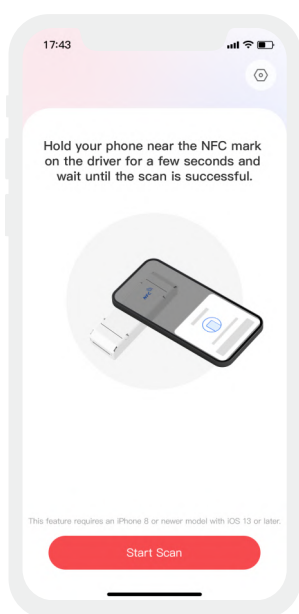


Device NFC Sensing Area

***When setting device parameters,
Perform this operation only when
the device is powered off.**

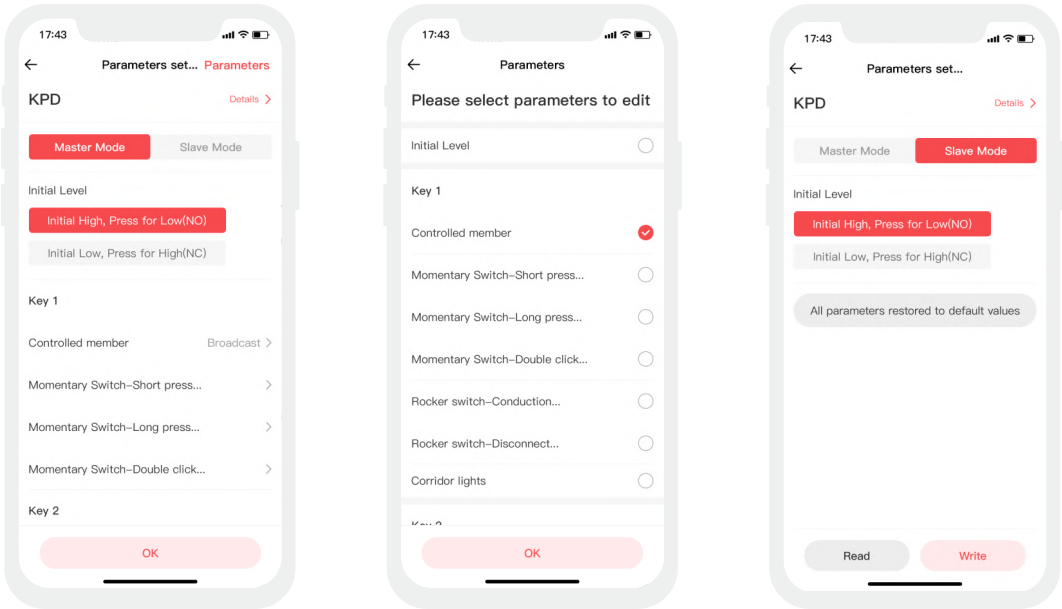
1. Read the device

On the app's [Home] screen, tap "Start Scan," then hold your phone's sensor area close to the drive's NFC sensor to read the device parameters.



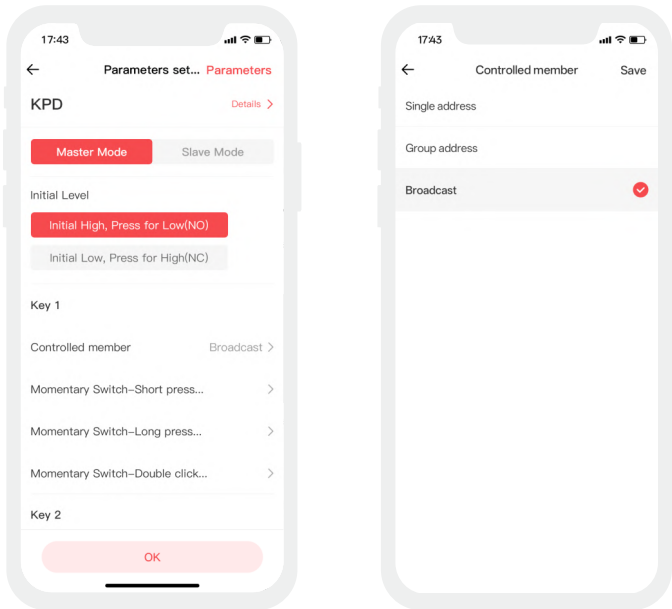
2.Edit parameters

- ① Master Mode: Set the control method (broadcast, single address, group address), select the input device type (Momentary switch, Rocker switch, Corridor light), and configure the corresponding actions.
- ② Slave Mode: The control mode, input device type, and actions to be performed are all configured centrally by the DALI master; this device only receives execution commands.



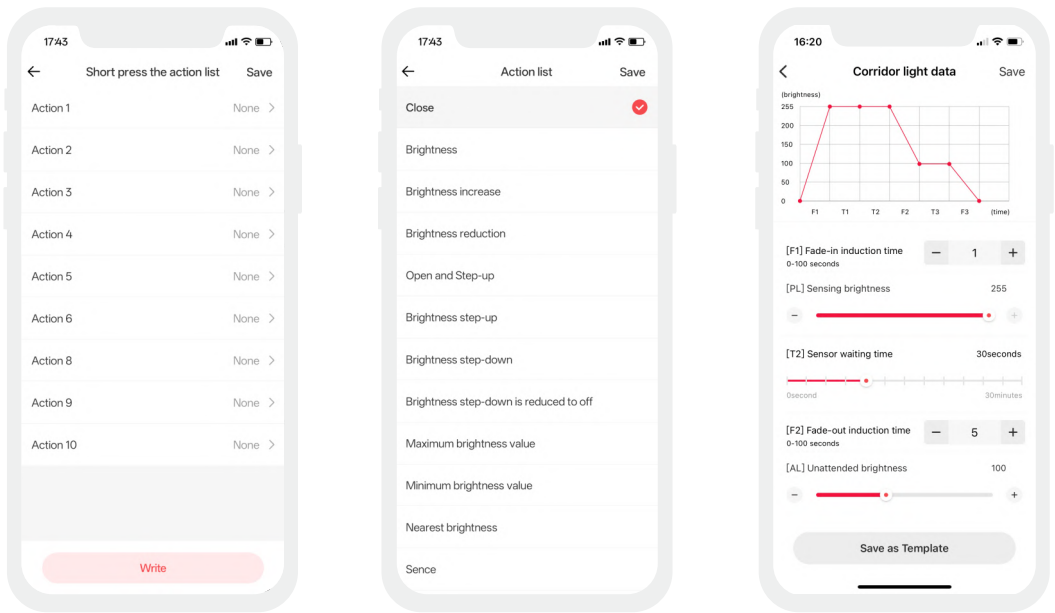
3. Selecting the control object for a button

In Master Mode, click “Control Object” for each button to set the DALI address information for the control object associated with each button, including single addresses, group addresses, or broadcast addresses.



4. Selecting a List of Key Actions

- ①When set as a momentary switch, both short presses and long presses can be bound to up to 10 commands, while double-clicks can be bound to up to 4 commands. Bound actions will be executed in a loop according to the set order.
- ②When set as a rocker switch, each command supports only the “On” and “Off” actions, and each action can be bound to only one command.
- ③When selected as a corridor light, you must choose the hallway light template and edit the hallway light settings, including the sensor fade-in time, sensor brightness threshold, sensor hold time, sensor delay time, no-sensor fade-out time, standby brightness, standby time, and fade-out-to-off time.



Attentions

- Product installation and commissioning should be done by a qualified professional.
 - Products are and not lightningproof non-waterproof (special models excepted). Please avoid the sun and rain. When installed outdoors, please ensure they are mounted in a water proof enclosure or in an area equipped with lightning protection devices .
 - Good heat dissipation will prolong the working life of products. Please ensure good ventilation.
 - Please check if the working voltage used complies with the parameter requirements of products.
 - The diameter of wire used must be able to load the light fixtures you connect and ensure the firm wiring.
 - Before you power on products, please make sure all the wiring is correct in case of incorrect connection that causes damage to light fixtures.
 - If a fault occurs, please do not attempt to fix products by yourself. If you have any question, please contact your suppliers.
- * This manual is subject to changes without further notice. Product functions depend on the goods. Please feel free to contact our official distributors if you have any question.

Warranty Agreement

- Warranty periods from the date of delivery: 5 years.
- Free repair or replacement services for quality problems are provided within warranty periods.

Warranty Exclusions:

The following situations are not covered by the free warranty or replacement service:

- Beyond warranty periods.
- Any artificial damage caused by high voltage, overload, or improper operations.
- Products with severe physical damage.
- Damage caused by natural disasters and force majeure.
- Warranty labels and barcodes have been damaged.
- No any contract signed by our company.

1. Repair or replacement provided is the only remedy for customers. Our company is not liable for any incidental or consequential damage unless it is within the law.

2. Our company has the right to amend or adjust the terms of this warranty, and release in written form shall prevail.

Update Log

Version	Updated Time	Update Content	Updated by
A0	20260708	Original version	Haipeng Li