



SYNC-RP01 Remote/NFC Programmer



SYNC-RP01

(Requires at least one NA-Remote per project for commissioning)

Wireless module+ NFC Chip:

An intelligent lighting control system based on wireless modules, designed specifically for light level lighting control (LLLC) in new construction and renovation projects.

As a multifunctional and multi-level IoT lighting control platform, through 2.4 GHz Wireless communication and the dual-mode group achieves high stability wireless communication, supports fast device grouping and remote control, and can complete debugging without relying on mobile applications or gateways.

The system adopts the LeXin low-power chip solution, which complies with global energy regulatory standards and has high cost-effectiveness, providing low latency and high reliability intelligent lighting solutions for commercial, home, and industrial scenarios. Simultaneously paired with NFC Control the chip to achieve easy and fast grouping.

Characteristic:

- Grouping wireless control: Sensors can be easily grouped and have multiple functions for network control.
- Quick debugging: Quickly set up through the screen display of the handheld remote control, without the need for mobile applications or complex software.
- Bidirectional communication: easy to read and write wireless control box, WIFI The maximum transmission range is 40 meters.
- Remote upgrade: through Wi-Fi Batch push firmware updates to grouped devices without the need for individual operation.
- NFC: pass through NFC Function for quick group number configuration. Save repetitive labor and achieve a simple touch of copying and pasting group numbers.
- Passed the PSALevel 1 security certification and obtained the CLS-Ready certification
- One click scanning: based on Lexin ESP-NOW Protocol, scan all devices within a 20 meter range within a specified time and generate a list.

Ordering Information

MODEL NUMBER	DESCRIPTION	UPC	ORDER CODE
SYNC-RP01	EASYRF REMOTE CONTROL COMMISSIONING TOOL	55555555	3603



5-year standard warranty

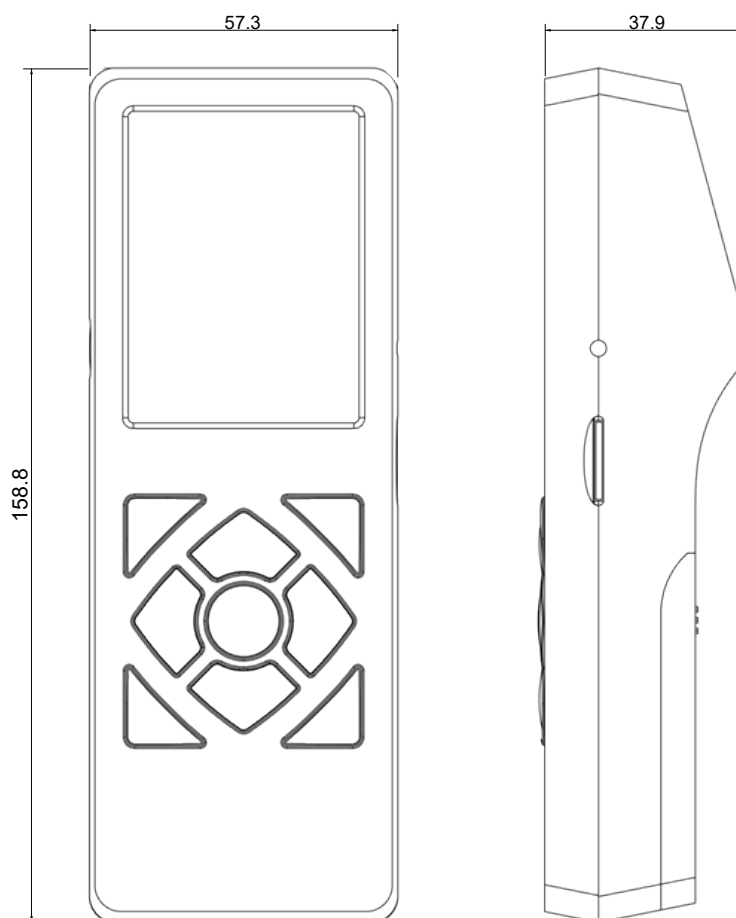
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Specifications

	SYNC-RP01
POWER SUPPLY	3x AA Batteries
COMMUNICATION	Wireless
COMMUNICATION RANGE	About 40m
OPERATING TEMPERATURE	32°F TO 104°F / 0°C to 40°C
DIMENSIONS	158.8 x 57.3 x 37.9mm
COLOR	WHITE

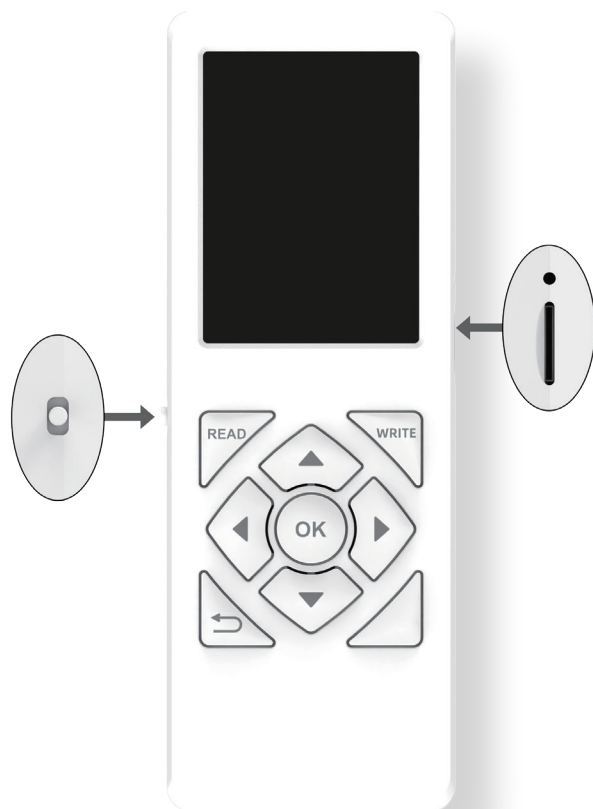
* WIFI may be impacted due to lighting environment

Product Dimensions



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Navigation



- **The Screen Will Display Five Major Functions:** ESPNOW, NFC, Diagnosis, OTA, Setting
- **READ:** Read the group number of the wireless control board. Pressing it in the main menu can directly jump to the NFC function page. A long beep indicates successful reading, while two beeps indicate timeout.
- **WRITE:** Write the group number to the wireless control board. Pressing it in the main menu can directly jump to the NFC function page. A long beep indicates successful writing, while two beeps indicate a timeout.
- **Directional Keys:** Select different functions in the primary or secondary menu.
- **Confirm Key:** Enter the corresponding function or secondary menu.
- **Return Key:** Return from the second level menu to the first level menu.
- **Power Switch:** The remote control can be controlled through the power switch. Long press to wake up the remote control, and the program will sleep after 30 seconds of inactivity.
- **SD Card Slot:** Insert an SD card with upgrade files to enter OTA for online upgrade.



Definitions and Default Settings

Definition and default settings after entering the display screen

Group Number: Assign group numbers to different groups of lighting fixtures in the project, with sensors shared among lighting fixtures in the same group.

ESPNOW: Using Lexin's ESPNOW The protocol scans devices and adds or removes group numbers from the searched devices.

NFC: Use NFC The read-write function enables quick copying of the required group number, and group number configuration can also be performed when the lighting fixture is not powered.

Diagnosis: pass through Da The function can quickly identify which sensors are faulty or short circuited.

OTA: Over the Air Technology (OTA) eliminates the need to upgrade each device individually. After selecting the upgrade file and clicking upload, it will be automatically distributed to the corresponding devices for upgrading. At the same time, it will also count how many devices have been upgraded at once to facilitate the counting of quantities and avoid errors and omissions.

Setting: In the settings, you can configure the default group number, the default number of lamps displayed in a search, the default time required for a search, and the default search range.



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FCC STATEMENT:

This device complies with part 15 of the FCC Rules. Operation is subject to the following two conditions:

(1) This device may not cause harmful interference, and (2) this device must accept any interference received, including interference that may cause undesired operation. Any Changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment.

Note: This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

- Reorient or relocate the receiving antenna.
- Increase the separation between the equipment and receiver.
- Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
- Consult the dealer or an experienced radio/TV technician for help.

This equipment complies with FCC radiation exposure limits set forth for an uncontrolled environment.

This equipment should be installed and operated with minimum distance 5mm between the radiator & your body

INDUSTEY CANADA STATEMENT:

This device complies with Industry Canada licence-exempt RSS standard(s). Operation is subject to the following two conditions: (1) This device may not cause harmful interference, and (2) this device must accept any interference received, including interference that may cause undesired operation of the device. In addition, this device complies with ICES-003 of the Industry Canada (IC) Rules. Any Changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment.

Note: This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to Industry Canada licence-exempt RSS standard(s). These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

- Reorient or relocate the receiving antenna.
- Increase the separation between the equipment and receiver.
- Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
- Consult the dealer or an experienced radio/TV technician for help.

This equipment complies with RSS-102 radiation exposure limits set forth for an uncontrolled environment. This equipment should be installed and operated with minimum distance 5mm between the radiator & your body.

INDUSTEY CANADA STATEMENT(French):

Cet appareil est conforme aux normes RSS exemptes de licence d'Industrie Canada. Son fonctionnement est soumis aux deux conditions suivantes :

(1) Cet appareil ne doit pas causer d'interférences nuisibles et (2) cet appareil doit accepter toute interférence reçue, y compris les interférences susceptibles de provoquer un fonctionnement indésirable de l'appareil. De plus, cet appareil est conforme à la norme ICES-003 des règles d'Industrie Canada (IC). Tout changement ou modification non expressément approuvé par la partie responsable de la conformité pourrait annuler l'autorité de l'utilisateur à faire fonctionner l'équipement. Remarque : cet équipement a été testé et déclaré conforme aux limites d'un appareil numérique de classe B, conformément aux normes RSS exemptes de licence d'Industrie Canada. Ces limites sont conçues pour fournir une protection raisonnable contre les interférences nuisibles dans une installation résidentielle. Cet équipement génère des utilisations et peut émettre de l'énergie de radiofréquence et, s'il n'est pas installé et utilisé conformément aux instructions, peut causer des interférences nuisibles aux communications radio. Cependant, il n'y a aucune garantie que des interférences ne se produiront pas dans une installation particulière. Si cet équipement cause des interférences nuisibles à la réception radio ou télévision, ce qui peut être déterminé en éteignant et en rallumant l'équipement, l'utilisateur est encouragé à essayer de corriger l'interférence par une ou plusieurs des mesures suivantes :

- Réorientez ou déplacez l'antenne de réception.
- Augmenter la distance entre l'équipement et le récepteur.
- Connectez l'équipement à une prise sur un circuit différent de celui auquel le récepteur est connecté.
- Consultez le revendeur ou un technicien radio/TV expérimenté pour obtenir de l'aide.

Cet équipement est conforme aux limites d'exposition aux rayonnements RSS-102 établies pour un environnement non contrôlé. Cet équipement doit être installé et utilisé avec une distance minimale de 5mm entre le radiateur et votre corps.