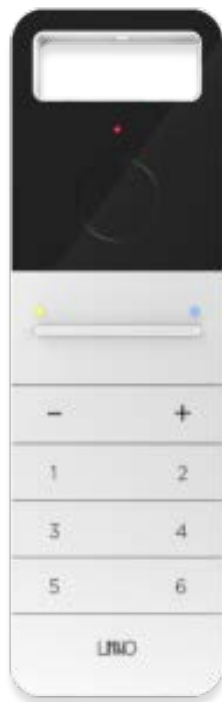


# User Manual

Product Title : Bluetooth Remote Controller for  
LINNO LYNC lighting system



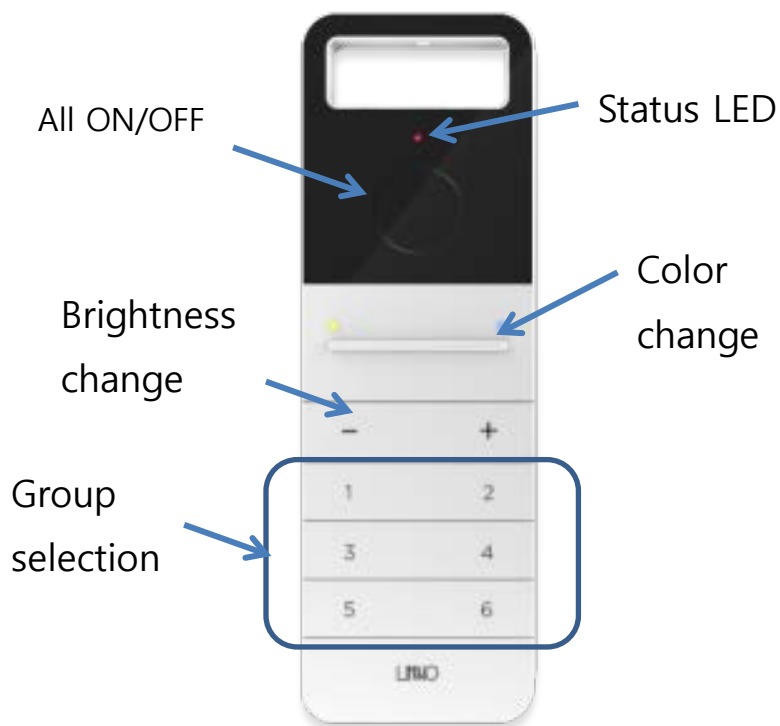
LINNO Co., Ltd.

## 1. Introduction

- 1) The remote Controller which can adjust color(Kelvin) and brightness(Lux) of each smart lighting group
- 2) BLE mesh technology is implemented and it is possible to control the light condition without any 'connection' behavior.
- 3) A group information of lighting device is transferred from smartphone App to remote controller.

## 2. Use

- 1) Detailed function of button



### **3. Electrical Spec**

- 1) Bluetooth Ver4.0 BLE
- 2) Frequency : 2402 ~ 2480 MHz
- 3) BLE CPU : nRF51822 Rev.3 (Nordic Semiconductor)
- 4) Charging Voltage : 4.5V ~5.5V
- 5) Radiation Power : Max +4dBm
- 6) Receiving Sensitivity : -92dBm typ.
- 7) Antenna : Internal PCB type
- 8) ARM Cortex M0 32bit Processor
- 9) 256KB Memory, 32KB RAM
- 10) Lithium-Polymer Battery (300mAh)
- 11) Standby : 80days, Operation time : 20 hours
- 12) Operational Temperature : -20 ~ +70도
- 13) RoHS Compliant / Complete Lead Free
- 14) Size : T.B.D
- 15) Weight : T.B.D

### **4. Cautions**

- 1) A/S and replacement is not allowed if it is disassembled intentionally
- 2) It is designed for LINNO LYNC system only.
- 3) It is weak to any kind of drop shock.
- 4) When battery is fully discharged, it is necessary to charge 2 hours at least.

## **FCC**

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.

Caution: Any changes or modifications to the equipment not expressly approved by the party responsible for compliance could void user's authority to operate the equipment.

RF exposure has been evaluated and has been excluded from SAR evaluation. Device can be used with no distance restriction.