

# sengled

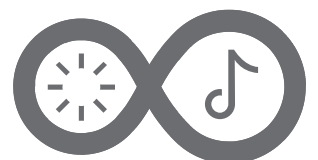
Bluetooth Speaker LED lamp

## User Manual

S21-N11 / S21-N12 LED Lamp



LED + WIRELESS SPEAKER



## Features

- Wireless speaker in an energy-efficient LED bulb.
- Easy to install; no need for speaker wires, power cords or remote controls. Simply twist in the light bulb and pair to your mobile device.
- 1.07" High Fidelity Loudspeaker for surround sound effect.
- Equipped with Bluetooth® Pairing Button to ensure personal Bluetooth connection.
- Android/iOS App provides independent light and speaker switches, as well as dimming and volume control.

## Box Contents

- Solo 2 Bulb × 1
- User Manual
- Quickstart Guide
- Limited Written Express Warranty

## Product Specifications

- Model Number: S21-N11 / S21-N12
- Power Supply: 100-240 V AC, 50/60 Hz, 140 mA
- Lamp Socket: E27 / B22
- Power Consumption: 8 W (Rated), 11.3 W (LED + Speaker)
- Operating Temperature: -20 °C - +35 °C
- Housing Colour: White
- Dimensions: 120 mm (H) x  $\Phi$  66 mm (Dia.)
- Net Weight: 228 g (approx.)

## LED

- LED Power: 5.5 Watts
- Brightness: 470 lumens
- Colour Temperature: 2700 K – Warm White
- Colour Rendering Index: 80
- Beam Angle: 260 degrees

## Audio System

- Power: 2.5 Watts (Rated)
- 1.07" High Fidelity JBL® Loudspeaker
- Frequency Response: 260 Hz – 18 kHz
- Bluetooth Standard: v3.0 + EDR & BLE 4.0, 2.402 - 2.480 GHz
- Bluetooth Profiles: A2DP, GAP, GATT etc.
- Bluetooth Transmitter Power: 4dBm, 10m (30ft)<sup>†</sup> (near line of sight, without any interference)

<sup>†</sup> Actual transmitter power will vary with network conditions and environmental factors, including volume of network traffic, radio interference, building materials

and construction, and network overhead, lower actual wireless transmission quality, variable maximum range of 5-10 meters is recommended for different environments.

## INSTALLATION INSTRUCTIONS

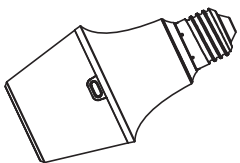
**WARNING -** TO REDUCE THE RISK OF ELECTRIC SHOCK, DO NOT REMOVE THE BACK COVER OR TAKE APART. THERE ARE NO SERVICEABLE PARTS INSIDE.

- Please review the Quick Start Guide for instructions to install the Solo 2.
- For more information, please visit Sengled official website: <https://www.sengled.com/support>. Or contact Sengled customer service for help.

## IMPORTANT SAFETY INSTRUCTIONS



- Read and keep these safety instructions.
- Heed all warnings contained within these instructions.
- Please follow all user manual instructions when installing the product.
- Only clean Sengled products with a dry towel.
- Do NOT intentionally wet or submerge this product in any water source.
- Do not install the product near any heat sources, such as radiators, stoves, heat registers or other equipment that produce heat.
- Ensure that the product is stable and secured in place during installation.
- To reduce the risk of electric shock, do NOT disassemble. There are no serviceable parts inside.
- To prevent product failure, the bulb should only be installed in operating environments ranging between -4 degrees Fahrenheit and +95 degrees Fahrenheit (-20 degrees Celsius and +35 degrees Celsius).
- Do not block ventilation openings on the product, as shown below.
- Never push any objects into the openings or slots on the product. Doing so may create an electric shock or fire hazard.



- Do not put anything within 6 inches of light bulb socket while powered on.
- To prevent unwanted damage, unscrew the product from its power source during storms.

- Only use accessories specifically recommended by the manufacturer.
- Refer all servicing issues to a qualified Sengled service technician. Servicing is required when:
  - 1) The product has been damaged in any way;
  - 2) Objects have fallen into the product;
  - 3) The product is not operating normally.
- This product can be hot and should not be touched without being careful.

## CAUTION:

- NOT FOR USE IN EMERGENCY LIGHTING.
- RISK OF ELECTRIC SHOCK - USE IN DRY LOCATION ONLY.
- ENSURE FIXTURE CAN SUPPORT ADDED WEIGHT OF BULB.
- DO NOT USE WITH DIMMERS. APP SOFTWARE DIMMING CONTROL.

## Europe - EU Declaration of Conformity

Sengled Optoelectronics Co., Ltd., hereby declares that this Sengled: LED + Wireless Speaker Bulb with Model Number of S21-U21/ S21-U31 is in compliance with the essential requirements of the RTTE Directive 1999/5/EC, the EMC Directive 2014/30/EU, and the Low Voltage Directive 2014/35/EU. Conformity was assessed using a Technical Construction File. Compliance with these directives implies conformity to harmonized European standards that are noted in the EU Declaration of Conformity.

A copy of the European Union CE marking "Declaration of Conformity" may be obtained at the website: <http://eu.sengled.com/doc>

## Radiation Exposure Statement

This equipment complies with EU radiation exposure limits set forth for an uncontrolled environment. This equipment should be installed and operated with minimum distance 20cm between the radiator and your body. Intended for indoor use only in all EU member states, EFTA states, and Switzerland.

## Warranty Information

Warranty statement

For this product, the manufacturer grants a warranty of 2 years for workmanship and material.

Warranty repairs may be performed exclusively by an authorised customer service. The original sales receipt has to be enclosed as proof. Excluded from this warranty are: normal wear and tear, alterations, rework, damage as a result of carelessness, outside influence, areas of application for which the product is not intended, or products that have been dismantled completely or partially.

## Correct disposal of this product



In the EU, this symbol points out that this product must not be disposed of with domestic waste. Old appliances contain valuable recyclable materials which should be recycled in order not to cause damage to the environment and/or human health through unregulated waste disposal. For that reason, please dispose of old appliances through suitable collection systems or send the appliance to the place where you purchased it for disposal. They will then recycle the materials contained in the appliance.

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## **FCC**

### **FCC STATEMENT FOR USERS**

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.

### **SECTION 15.21**

The user's manual or instruction manual for an intentional or unintentional radiator shall caution the user that changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment. In cases where the manual is provided only in a form other than paper, such as on a computer disk or over the Internet, the information required by this section may be included in the manual in that alternative form, provided the user can reasonably be expected to have the capability to access information in that form.

### **FEDERAL COMMUNICATION COMMISSION INTERFERENCE STATEMENT, SECTION 15.105(b)**

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.

### **RF RADIATION EXPOSURE WARNING**

This equipment must be installed and operated in accordance with provided instructions and the antenna(s) used for this transmitter must be installed to provide a separation distance of at least 20 cm from all persons and must not be co-located or operated in conjunction with any other antenna or transmitter. End-users and

installers must be provided with antenna installation instructions and transmitter operating conditions to satisfy RF exposure compliance.

## **IC**

### **DECLARACIÓN DE LA FCC / RSS-GEN DE USUARIOS**

Este dispositivo cumple con la parte 15 de las normas de la FCC y exento de licencia RSSs de Industria de Canadá. La operación está sujeta a las dos condiciones siguientes:

- (1) Este dispositivo no puede causar interferencias perjudiciales y
- (2) Este dispositivo debe aceptar cualquier interferencia recibida, incluyendo interferencias que puedan causar un funcionamiento no deseado.

### **SECTION 15.21**

Le guide d'instruction de l'utilisateur pour un radiateur intentionnel ou non intentionnel doit prévenir l'utilisateur que les changements ou modifications non expressément approuvés par la partie responsable de la conformité pourraient annuler l'autorité de l'utilisateur à utiliser l'appareil. Dans les cas où le guide est disponible uniquement sous une forme autre que le papier, comme sur un disque d'ordinateur ou sur Internet, les informations requises par cette section peut être inclus dans le guide sous une forme différente, à condition que l'utilisateur puisse raisonnablement avoir la capacité à accéder à l'information sous cette forme.

Le dispositif de l'opération dans la bande 5150-5250 MHz est réservé à une utilisation en intérieur afin de réduire les risques d'interférences nuisibles à la co-canal avec les systèmes mobiles par satellite.

## **COMMISSION FÉDÉRALE DES COMMUNICATIONS, DÉCLARATION**

### **D'INTERFÉRENCE, SECTION 15.105 (b)**

Cet équipement a été testé et s'est avéré être conforme aux limites d'un appareil numérique de classe B, conformément à la partie no 15 des règles de la FCC. Ces limites sont conçues pour fournir une protection raisonnable contre les interférences nuisibles dans une installation résidentielle. Cet équipement génère, utilise et peut émettre de l'énergie de fréquence radio, et s'il n'est pas installé et utilisé conformément aux instructions, il peut provoquer des interférences nuisibles aux communications radio. Cependant, il n'existe aucune garantie que des interférences ne se produiront pas dans une installation particulière. Si cet équipement provoque des interférences nuisibles à la réception radio ou télévision, ce qui peut être déterminé en mettant l'équipement hors et sous tension, l'utilisateur est encouragé

à essayer de corriger l'interférence par une ou plusieurs des mesures suivantes :

- Réorientez ou déplacez l'antenne de réception.
- Augmentez la distance entre l'équipement et le récepteur.
- Connectez l'équipement à une sortie sur un circuit différent de celui sur lequel le récepteur est branché.
- Consulter le revendeur ou un technicien radio / TV expérimenté.

#### **ADVERTENCIA DE EXPOSICIÓN A LA RADIACIÓN DE RADIOFRECUENCIA**

Este equipo tiene que ser instalado y funcionar según las instrucciones proporcionadas y la(s) antena(s) utilizada(s) para este transmisor tiene(n) que ser instalada(s) para proporcionar una distancia de separación de por lo menos 20 cm lejos de todas las personas y no deben estar colocadas o funcionar junto con alguna otra antena o transmisor. Los usuarios finales y los instaladores tienen que obtener las instrucciones de instalación de la antena y las condiciones de funcionamiento del transmisor para cumplir con la exposición a la radiofrecuencia.



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