



# User Manual

## C01-BR30NA LINK

### Features

- Easy setup and configuration
- Enjoy the energy saving from LED and high-quality JBL® stereo audio system
- Create up to 7 wireless speaker bulbs system, control and playing synchronously
- Quick connection via a standard 3.5mm AUX cable for audio playing
- Compatible with most smart phones, tablets and computers that support Bluetooth® technology
- Indicator lights for power, 3.5mm AUX audio signal, and Bluetooth connection
- Sengled Pulse Android/iOS App provides greater functionality and control

### Box Contents

- One Pulse Link (C01-BR30NA LINK),  
Two Pulse Satellite bulbs (C01-BR30)
- User Manual
- Quick Start Guide
- Limited Written Express Warranty

### Product Specifications (Pulse Link, per device)

- Model Number: C01-BR30NA LINK
- Power Supply: 100~240V AC, 50/60Hz, 20mA(Max)
- Power Consumption: 1.35W (Rated)
- Operating Temperature: -20°C (-4°F) ~ +40°C (+104°F),  
Humidity: 10 ~ 90% Non-Condensing
- Color: White
- Dimensions: 3.78" (L) x 2.21" (W) x 0.95" (H)

- Weight: 2.68oz/device (approx.)
- Frequency Response: 100 Hz - 20 kHz
- System Wireless Point-to-Point Latency < 20ms
- Bluetooth Standard: v2.1 + EDR (Class 2), 2.402 - 2.480 GHz
- Bluetooth Profiles: A2DP, AVRCP, SPP etc.
- Bluetooth Transmission Power: 4dBm, 10 meters (near line of sight, without any hindrance)
- Wireless Connection between Pulse Link and Satellite Bulb: 5GHz wireless technology
- Transmission Power between Pulse Link and Satellite Bulb: 9.74dBm<sup>§</sup>

<sup>§</sup>Actual effective range will vary with network conditions and environmental factors including volume of network traffic, radio interference, building materials and construction, and network overhead. A maximum range of 60 to 100 feet is recommended between the Pulse Link and the Satellite bulb for optimal wireless transmission and audio quality.

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## Pulse Link Introduction



—Standard 3.5mm Line In



—Power button



Power Indicator: [ON] when the device is powered on.



Wireless Connection Indicator:

[ON – blinking] the device is waiting to be connected via Bluetooth.

[ON – not blinking] when the device is connected to the smart device via Bluetooth;



3.5mm Line In Indicator:

[OFF] when a cable is not connected.

[ON – not blinking] when a 3.5mm auxiliary cable is plugged into the device;

## INSTALLATION INSTRUCTIONS

**WARNING** - TO REDUCE THE RISK OF FIRE AND ELECTRIC SHOCK, USE IN DRY LOCATIONS ONLY AND DO NOT EXPOSE TO RAIN OR LIQUIDS.

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

1. Before installing the Pulse Satellite bulb into a light bulb socket (E26), turn the light switch to the OFF position. (DO NOT USE WITH EXTERNAL OR OUTSIDE DIMMERS).
2. Screw the bulb into a socket (E26) and turn the power on. The LED light will turn on.

NOTICE: The stereo sound effect is affected by the installation position in the lighting fixture, the distance between Pulse Link and Satellite bulbs, and the room space etc., to achieve the best stereo sound effect, please make sure the LED plastic cover is at the same level of the lighting fixtures (in Horizontal), and a distance around one to three meters between bulbs is recommended.

3. Plug in Pulse Link near Satellite bulbs. Power on Pulse Link, connect it with any device (e.g. TV, MP3, smartphone, tablet, or computer) which has a 3.5mm aux output via a 3.5mm Aux cable for audio output through Satellite bulbs. Or go to step 4 to connect Pulse Link via Bluetooth for wireless audio controlling.
4. On the portable smart device (e.g. smartphone, tablet, or computer), make sure Bluetooth is turned on. Then via Bluetooth, connect the smart device with the Pulse Link. The default Pulse Link's Bluetooth ID is 'C01-BR30'. Once connected, user can launch any media App on the smart device to enjoy music via the Pulse light speakers. Or go to Step 5 to download and install Pulse mobile App for greater control of the light and speakers.
5. Search for the 'Pulse by Sengled' or 'Sengled pulse' App for corresponding operating system, download and install it on a portable smart device:  
Get App from Google Play Store for Android Devices;  
Get App from App Store for Apple iOS Devices. Compatible with iPhone 6s Plus, iPhone 6s , iPhone 6 Plus, iPhone 6 ,iPhone 5s, iPhone 5c, iPhone 5, iPhone 4s, iPad Air, iPad mini with Retina display, iPad (4th generation), iPod touch (5th generation).  
Or get more information from [www.sengled.com](http://www.sengled.com)

6. Open the Pulse application, and a 'Welcome' page appears. Select Pulse Link and the Pulse App will search and connect to the Pulse Link automatically. The wizard guides you through the steps for connecting your portable smart device to the Pulse Link. If the application doesn't detect the Pulse Link, restart the application and setup wizard again.
7. Once the portable device has been successfully connected to the Pulse Link, the application will display the main control screen. Press the 'Lights' or 'Sounds' tab to switch between them and achieve different functions, such as Light Brightness & Settings, Sound Volume & Settings, and Equalizer (EQ) Settings etc.

#### **To add a new Satellite bulb to the Pulse Link**

1. Successfully configure Pulse Link (C01-BR30) and the current Satellite bulbs before installing a new Satellite bulb.
2. On your smart device, turn on Bluetooth and connect to the Pulse Link.
3. Install the new Satellite bulb in the proper light socket.
4. Turn on the new Satellite bulb.
5. Launch the Pulse App on your device
6. Select one of two methods to add the Pulse Satellite bulb to the Pulse Link network:
  - i. Select "Scan QR code" to automatically scan the network, or
  - ii. Manually type the Satellite bulb "AD Code".

*NOTE: The AD code in QR format is labeled in two locations: The bottom side of the Satellite packaging (near the bar code) and on the Satellite bulb itself.*

7. Once the scanning has been successful, select the "Link" option. The Satellite bulb will connect with the Pulse Link after approximately 30 seconds. Do not turn off power during the connection.
8. The Satellite bulb should begin to blink, indicating that it has successfully connected with the Pulse Link. The user can now enjoy a high-quality audio system, as desired.

#### **To delete a connected Satellite bulb from the Pulse Link**

1. Ensure that the Pulse Link and Pulse Satellite bulbs are powered on and paired with your smart device via Bluetooth.
2. Launch the Pulse App.
3. Simply switch the Main Brightness ON/OFF button to confirm that all Pulse bulbs are connected under the same Pulse Link.
4. Select the "Devices Management" tab in the Settings menu.
5. Select the Satellite bulb that you want to remove from the Pulse Link Network, click Delete/Close button.
6. A delete confirmation will appear on the screen, click "OK" to continue.
7. Wait for approximately 30 seconds. Do not power off the devices during this

process

8. Click the "Refresh" tab in the Settings menu to confirm the device has been removed

## 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 product only with a dry towel.
- This Product is intended for indoor use only.
- Do NOT use this product outdoors.
- Do NOT get this product wet and do NOT use near any water source.
- The product should not be exposed to dripping or splashing liquids of any kind.
- Do not install the product near any heat sources, such as heater, radiators, stove, heat registers or other apparatus that produce heat.
- Ensure that the product is stable and secured in place during installation. If the product is dropped or falls out of the power socket, it may cause bodily harm.
- If the product is dropped or falls out of the power socket, it may be damaged. Please check the product for any visible damage.
- To reduce the risk of electric shock, do NOT remove the back cover or take apart. There are no serviceable parts inside.
- To prevent product failure, the product should only be installed in operating environments ranging between -4 degrees Fahrenheit and +104 degrees Fahrenheit (-20degrees Celsius and +40 degrees Celsius).
- Never push any objects into the openings or slots on the product. Doing so may create an electric shock or fire hazard.
- Maintain sufficient distance around your product for sufficient ventilation;
- For best protection against lightning, unscrew the product from its power source during a storm.
- Only use accessories specifically recommended by the manufacturer.
- Refer all servicing to qualified Sengled service technician.
- Servicing is required when the product:
  1. Has been damaged in any way
  2. Liquid has been spilled on the product
  3. Objects have fallen into the product
  4. The product has been exposed to rain or moisture
  5. The product does not operate normally, or has been dropped
- Repairs must be performed by a qualified Sengled technician.
- The product can be hot and should not be touched without taking care.

### CAUTION:

RISK OF ELECTRIC SHOCK – USE IN DRY LOCATION ONLY

REQUIRE EITHER 3.5MM OR RCA VERSION. CONNECTING CABLE NOT INCLUDED

REQUIRED FOR USE: SENGLED PULSE JBL WIRELESS BLUETOOTH SPEAKERS (C01-BR30

BULBS)

## **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.