Shenzhen I Link Technology LKDG01 Stereo Bluetooth Transmitter User Manual

**Stereo Bluetooth
Transmitter**

User Manual

Contents

SPECIFICATIONS:

Main chip:	ATS2831
Bluetooth version:	Bluetooth V5.0
Support Bluetooth protocol:	HFPA2DP RCP
Input audio:	USB sound card
Transmission power:	CLASS2
Frequency range:	2402-2480MHz
Wireless transmission range:	about 10 meters
A number of connectable devices:	1
Device name:	USB Dongle
A number of buttons:	1
External power supply voltage:	DC+5V
Transmitting working power:	about 0.1 vs，
Input and output interface:	USB male interface
Product size:	25.6(Ly15.5(Wy7.5(H)mm

SCHEMATIC
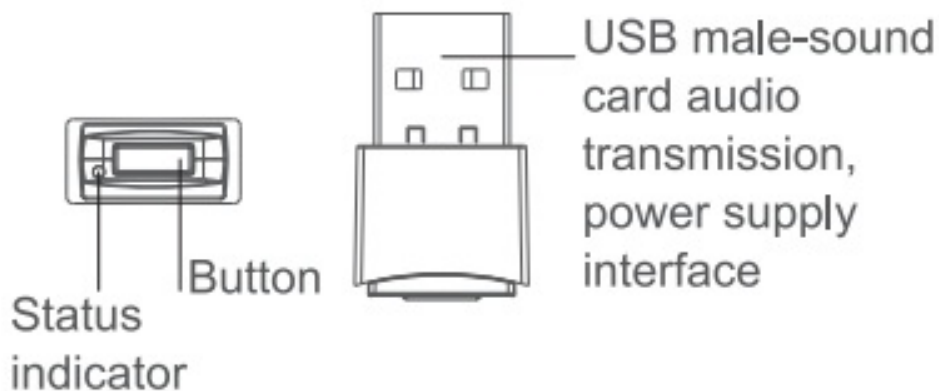
OPERATION STEPS:

Usage overview:

1. Insert the product into a game console, computer, and other equipment with a USB interface that has a sound card function, and the product will automatically turn on;
2. Pair and connect the product with a Bluetooth headset or other Bluetooth receiver:
3. After the connection is successful. you can hear the sound of the device and enjoy music from the Bluetooth headset or other Bluetooth receiver

Operation connection:

Power on Insert the product into a game console, computer, and other devices with a USB interface that has a sound card function, and the product automatically starts
(1) If the product has not been paired (the pairing information has been cleared when leaving the factory, if it has the binding function, it will directly connect back to the binding device): Atter power on, it enters the pairing state. the red indicator light and blue Indicator light flash alternately;
(2) If the product has been paired: After booting up, it will automatically connect back to the last paired device address (the device bound with the binding function will first connect to the bound device address). and the blue indicator light flashes once for 2 seconds:
Press the button to turn on: In the standby state, click the product button to automatically turn on when exiting the standby state;
Shutdown: Pull the product out of the device. and the product shuts down;
Pairing connection:

1. For the last use. the product must be paired and connected with the Bluetooth receiver,
2. When the product is turned on. it wot automatically enter the pairing mode. or you can manually press and hold the pairing button of the product for 5 seconds to enter the pairing mode. After entering the pairing state. the red indicator and blue indicator flash alternately:
3. Turn on the Bluetooth headset or other Bluetooth receiver, in the pairing mode and let the product and the receiver automatically connect
4. After the connection is successful. the blue indicator light flashes twice in 5s, and the earphone can hear the sound of the device and enjoy the music.

Enter pairing mode:

In standby or reconnect mode, long-press the pairing button for 5 seconds, and the product will enter the pairing mode, and the red indicator light and blue indicator light flash alternately.
Product reconnection:
The product will connect back under the following conditions:
Manual connection back: When the product is in standby or pairing state without connection, click the pairing button to perform manual connection back;
Automatically reconnect after power-on: The product enters the reconnect state after the product is turned on. the blue indicator flashes once for 2 seconds, and if there is no connection after 1 minute. It enters the standby mode (the device that is bound will continue to reconnect):
Standby automatic connection: The product is in the standby state, and the Bluetooth receiver that has been paired and connected is turned on, and the product can be connected back;
Over-distance automatic connection: beyond the effective range of Bluetooth, the Bluetooth disconnects and enters the connection mode, the blue indicator light flashes once in 2s, and if there is no connection after 10 minutes, it enters the standby mode, and the blue indicator light flashes once in 10 seconds;
Clear pairing information:
In the power-on state, first press and hold the pairing button for 5s to make the product enter the pairing mode, the red indicator and blue indicator flash alternately, and then double-click the pairing button, the red indicator, and the blue indicator will stay on for 5s at the same time, and the product will be cleared the previously paired Bluetooth

list then enters the pairing mode; clearing the pairing information will not clear the bound device address;

Automatic standby hibernation:

Under the following conditions, the product will automatically go to standby hibernation:

1. After the product is turned on, it enters the reconnection mode. If the reconnection is unsuccessful after 1 minute, it will automatically enter the standby mode; if the device has been bound, it will always be in the reconnection mode;

2. After the product is turned on, it enters the pairing mode. If there is no connection for 2 minutes, it will automatically enter the standby mode;

3. In the connected state, if the effective range of Bluetooth is exceeded, the Bluetooth disconnects and enters the reconnection mode. After 10 minutes, the reconnection is unsuccessful, then it enters the standby mode;

Voice call:

The product is successfully connected to the receiver. When working, if the software of game consoles, computers, and other devices activates the call function, the product will automatically turn on the Bluetooth call function, the blue indicator light will be on, and the Bluetooth call function will be automatically turned off after exiting the call and resumed Previous indicator status; the product can transmit the voice of the other party during a voice call, and the receiver can hear the voice of the call, and then the voice call can be realized through the microphone of the device.

Note: To achieve this function, the device needs to have a voice-to-speech protocol, and the Bluetooth receiver also has a microphone call function;

Binding device:

When a device has been paired and connected, double-click the pairing button, the blue indicator light will stay on for 5s, and the currently connected device will be bound, and the bound device will be connected first when reconnecting. Clearing the pairing information will not clear the bound device address;

INDICATOR STATUS DESCRIPTION:

Pairing status: red and blue indicator lights flash alternately

Successful connection status: the blue indicator light flashes 2 times in 5s

Standby state: the blue indicator light flashes once in 10s Reconnect status: blue indicator light flashes once for 2s

Clear the pairing status: the red and blue indicator lights will stay on for 5s

Bound device status: the blue indicator light will stay on for 5s

Call status: blue indicator light is on

MATTERS NEEDING ATTENTION:

1. The product needs to be inserted into the USB device socket with the sound card function before it can be used. Please use it correctly. The product is powered by the device and will consume the power of the device when working;

2. The wireless signal of Bluetooth will be blocked and absorbed by surrounding objects. Try to place it in an obstacle-free position with the Bluetooth connected device during use, so that you can enjoy better quality music;

3. The product needs to obtain power from game consoles, computers, and other equipment to work; 4. Please keep the product away from water or other liquids to avoid damage to the product;

   FCC Requirement changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment. 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 n interference, and

(2) this device must accept any interference received, including interference that may cause undesired operation.

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

Documents / Resources

	Shenzhen I Link Technology LKDG01 Stereo Bluetooth Transmitter [pdf] User Manual LKDG01, RCT-LKDG01, RCTLKDG01, BT4875, 20190511, LKDG01 Stereo Bluetooth Transmitter