Intelligent Multi-Functional Bluetooth Adapter

Upgrade Bluetooth For Wired Devices

K16 Instruction Manual

(This manual is applicable to Standard version and Remote control version. Please buy the version according to the actual situations)

Foreword

Dear users, thank you for choosing this product. In order to further understand this product, please read Operation Instructions carefully before you use it. Wish you a pleasant use.

Product Features

1. This product adopts power supply direct plug-in design, which is convenient and practical.
2. Basic functions: Bluetooth receiver, Bluetooth transmitter 2.1A Quick Charge, USB-Disk play/transmit, TF Card play or transmit, APP control, infrared remote control.
3. The receiving mode transmits music from devices such as the mobile phone to devices such as a wired speaker through Bluetooth signals.
4. The transmission mode transmits signals from a computer, TV or other device to a Bluetooth headset or Bluetooth speaker through the Bluetooth.
5. With double USB interface and 2.1A fast charging, the device can be used to charge two intelligent devices.
6. It can read and play lossless music of FLAC/WAV/MP3/APE format in USB-Disk and TF card.
7. With the function of intelligent APP control, the device is more convenient to use.
   (*Product of the remote control version is equipped with infrared remote control which can control the distance of about 5 meters remotely)
8. It has high-definition stereo sound quality, stable Bluetooth signals and can be operated by pressing buttons.

Basic Parameters

Bluetooth Version: V5.0 Working Frequency: 2.4GHz
Input parameter: AC100～240V Output Parameter: DC 5V/2.1A
U-Disk,/TF capacity: ≤64GB Distance: About 10 m
Remote Control Distance: About 5 meters in a straight line
Interface Type: AUX+RAC

Product Illustration

Description of the multi-function key:

On/Off: Long press it for 3 seconds
Play/Pause: Press it short once
Next song: Double click it twice

Description of the indicator light:

Access Power:
Blue light flashes (enter the receiving mode by default)
Receiving Mode:
Blue light flashes (waiting for connection), blue light is always on (successfully connected)
Transmission Mode:
Red light flashes (waiting for pairing), red light is always on (successful pairing)

Description of the audio interface:

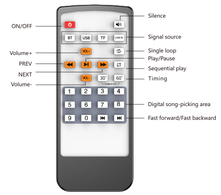
AUX Interface: Support audio input and audio output (by using a 3.5mm audio cable)
RAC Interface: Only support L/R dual-channel audio output (by using red and white Lotus audio cable)

Song Playing or Transmitting functions of U-Disk and TF Card

1. In Bluetooth receiving mode or transmitting mode, after the Bluetooth is successfully connected, the music stored in the U-Disk and TF Card will be detected and played automatically as long as you insert the U-Disk or TF Card.
2. Support music of the five formats of MP3/WMA/WAV FLAC/APE.
3. After U-Disk or TF Card is unplugged, it will automatically switch to the music played before.
4. Broadcasting signal sources can be switched by remote control or mobile APP.
5. Capacity of U-Disk or TF Card: ≤64GB.

Illustration of Remote Control

*(For remote version only)



Instructions for use:

When you use the infrared remote control, please aim it at the position of the signal receiving hole on the interface of the adapter device and try to control it in a straight line. Please avoid obstacles in the middle. The effective remote control distance is 5 meters. Among them, the four keys of BT (short for BlueTooth) /USB (U-Disk)/TF Card/LINE IN (external input) are available for you to select the signal source. You can use the remote control to select them to play.

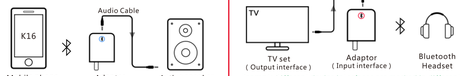
Instructions for Bluetooth Receiving (Default on Start-up)

(Suitable for devices such as active speakers/power players / wired headsets)

1. Plug the device into the AC 100～240V power supply, the device will be started automatically and the blue light flashes to enter the receiving mode by default;
2. Insert one end of the audio cable into the "output" interface of the adapter and the other end into the audio "Input" interface of the device such as the active speaker;
3. Turn on Bluetooth of your phone or Tablet PC to automatically search for bluetooth devices; select "K16" in the Bluetooth list and click them for paring.
4. After successful connection, the blue light will be always on;
5. Turn on KuGoo and other music playing software on your mobile phone and the music of your mobile phone will be played wirelessly through the speaker. The blue light flashes at that time.

Schematic diagram for connection:

For example: Connect your phone to an active speaker and upgrade it to a Bluetooth speaker.



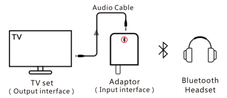
Instructions for Bluetooth Transmitting

(Suitable for computer/TV/projector/power amplifier, etc.)

1. Plug the device into AC 100～240V power supply and the device will be started automatically. The blue light flashes;
2. Plug one end of the audio cable into the "input" interface of the adapter and the other end into the audio "Output" interface of the computer/TV. The indicator light will be automatically switched to the flashing mode of red light;
3. The Bluetooth headset or Bluetooth speaker is switched on to enter the pairing waiting state;
4. Wait for 10 to 15 seconds and the adapter will be paired automatically and successfully. The red light is always on;
5. After successful connection, the voice of the Computer TV can be transmitted to the Bluetooth headset or Bluetooth speaker wirelessly through the Bluetooth.

Schematic diagram for connection:

For example: Upgrade Bluetooth of your TV; connect Bluetooth headset.



Prompt: Different device interfaces are marked in different ways. Please refer to the manual for details.

APP Functions(For receiving mode only)

1. Please download corresponding APP to your mobile phone according to the following specific methods:

[Android]: Search for "Bluetooth Partner" in network or mobile app store to download it. The software screenshot is shown as follows:

Bluetooth Partner

[iPhone]: Search for "Btmate" in network or APPstore to download it. The software screenshot is shown as follows:

Btmate

2. Connect your mobile phone Bluetooth to the adapter K16; open the APP to find BLE_K16 and click connection Then, you can remotely control songs to be played within the Bluetooth receiving range.

3. Introduction to APP interface and corresponding functions.

[Bluetooth connection]
Connect to the corresponding Bluetooth device BLE_K16
[Mobile Music]
Browse and play music files on your phone
[Equipment music]
Read and play music on Bluetooth device and U-Disk.
[External audio sources]
Connect the Bluetooth device to the computer (iPhone, mobile phone and other multimedia devices) through the connection cable and control it through mobile phone applications. Play music through Bluetooth devices

4. The APP can control mobile phone music and U-Disk to play external audio sources, can display song names, can set equalizer sound effect, can switch, play, pause songs, can play the loop mode and can adjust the volume.

Warm Prompt: This product can normally use the receiving function without the APP. It is normal for some mobile phones to fail in downloading the APP due to compatibility problems. We are deeply sorry for that, but it will not have any impact on the use of the device.

Multi-function Button

1. After power is plugged in, the device will start automatically and enter the Bluetooth receiving mode. Press the button again for 3 seconds to turn off the Bluetooth function. (Charging functions of the two USB ports are not affected by power-on or power-off operations)
2. When the music is being played, shortly press it to play or pause the music.
3. When the music is being played, by double clicking the power button, you can switch to the next music.

Charging Function

1. After the power is plugged in, the two USB ports can charge various electronic devices such as mobile phones and tablets at the same time or charge them separately.
2. The first USB interface supports 2.1A fast charging while the second USB interface supports normal charging (it can also read U-Disk).
3. Operation of on-off buttons will not affect the charging function.

Description of the Audio Interface

Receiving mode: Dual output of AUX and RAC interfaces are supported. Other playback devices of the two speakers can be connected at the same time.

White L of RAC interface means left channel output while red R means right channel output.

Transmitting mode: Support AUX input only.

Warm prompt: Please correctly use the audio cable to connect the adapter and the audio interface of the device under different use modes. Your wrong usage will lead to connection failure or no sound output.

Warm Prompt

1. It is normal for different Bluetooth devices (such as Bluetooth headset) to have slightly different search connection time due to differences in Bluetooth schemes and protocols.
2. If the pairing fails or the Bluetooth can not be connected for a long time, you can turn off all devices and restart them for another pairing.
3. This product has an intelligent memory function and it can remember the paired device, the last use mode and the location of the last song played. Theses functions can make it easy to use.

Common Problems

When you encounter the following problems, you can try to solve them by using the following methods. If there is still a problem, please contact the network dealer or the customer service, but do not start the machine to repair it by yourself so as to avoid unnecessary trouble.

1. The indicator light on the device is not on normally?
Answer: Please check whether the device is normally plugged into the AC 100～240V power.
2. Fail to connect to a Bluetooth device (such as a Bluetooth headset)?
Answer: You can bring the Bluetooth adapter closer to you and restart the Bluetooth headset and other devices to connect them again. If this still fails to work, you can disconnect the power then power it on or restart the Bluetooth headset to enter pairing state again.
3. No sound output?
Answer: Please check whether the 3.5mm audio cable is connected correctly; it shall be connected to the audio input

interface under the transmitting mode and should be connected to the audio input interface under the receiving mode.
4. Fail to read U-Disk or TF Card.
Answer: Make sure that there is a music file and that the file format is correct.
5. What devices can be supported?
Answer: The product supports all devices with audio input or output interface,such as computer, TV, active speaker, home audio, office audio, MP3 power player, projector, wired headphone and so on.
6. Can the two USB ports be charged?
Answer: Yes, they can all be charged. The second one can be used to read data of the U-Disk.
7. Do I have to install an APP?
Answer: No. APP is used to control local music of the mobile phone or songs of the U-Disk. There is no need to install the APP if you only want to play songs of KuGou because you can use the remote control.

Matters Needing Attention

1. This product is suitable for horizontal socket or wall socket with height less than 1.2m.
2. The length of each output line of this product should not exceed 1.2m.
3. This product can be used in non-tropical climate conditions with an altitude of 2000m and below.
4. This product is an audio transmission device, which does not support the transmission of pictures and files.

5. Please do not forcibly remove, violently bump or violently squeeze the product.
6. Do not throw this product into fire.
7. If this product is not used for a long time, please pull the product out of the power jack;
8. Please store the product in a dry place away from moisture and corrosion.
9. Please look after your children and make sure that they don't play the product as a toy.

Product Parameters

Bluetooth Version	Bluetooth V5.0 (Driveless plug and play)
Product Model	K16 Bluetooth audio adapter
Agreement Supported	AVRCP、A2DP
Bluetooth Distance	Barrier-free distance: about 10m
Product Size	57*50*20mm (about 65g)
Input Parameters	AC 100-240V～50/60Hz 0.5A
Output Parameters	USB output: 5V⎓2.1A max U-Disk interface: 5V⎓0.1A max AUX output: 5V_0.2W Max Total AV output: 5V_0.2W Max
Basic Functions	Bluetooth receiving/transmitting/charging U-disk/TF mode/APP/infrared remote control
Equipment Supported	Computer/TV/stereo/earphone/power amplifier projection/MP3, etc

Thank you for choosing us!

FCC Statement

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.

Caution: Any changes or modifications to this device not explicitly approved by manufacturer could void your authority to operate this 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 interference, and (2) this device must accept any interference received, including interference that may cause undesired operation.

RF Exposure Information

The device has been evaluated to meet general RF exposure requirement. The device can be used in portable exposure condition without restriction.