Geartist

Bluetooth Hi-Fi Dual Mode Transceiver

A professional audio input and output conversion solution for TV, computers, speakers, iPhone series, iPod, MP3/4 and car audio equipment.

New product With

apt-X

Made In China

FC CE RoHS

MODEL:RT418

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.
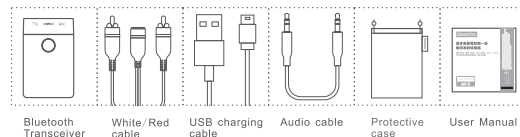
◆ Features：

● **APT·X Decoding**: it is a Bluetooth Hi-Fi transceiver with built-in CSR APT·X decoding technology, to realize CD audio effect for professional audio field by high quality audio converting and transmitting.

● **Bluetooth receiving**: connect one end of the audio cable to the RX interface and the other end to the home audio system's audio input interface, to playback the mobile phone music in the home audio system.

● **Bluetooth transmitting**: connect one end of the audio cable to the TX interface and the other end to your iPod, MP3, TV, Speaker audio output interface, to playback the music in the other speakers or earphones with Bluetooth feature.

● **Auto Power on/off**: when both RX/TX interfaces are inserted with audio cables or unoccupied, the device will be powered off automatically; when you unplug the cable from either interface, the device will be powered on automatically.

◆ Packing contents：

Bluetooth Transceiver | White/Red cable | USB charging cable | Audio cable | Protective case | User Manual
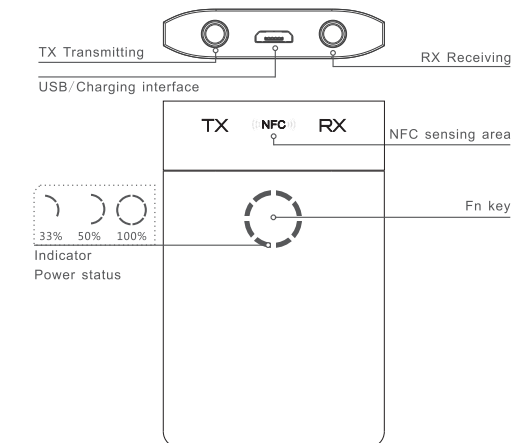
◆ Specification：

● **Product name**: Dual mode Bluetooth Transceiver
● **Main unit dimension**: 2.64×1.66×0.38in
● **Bluetooth version**: CSR Bluetooth 3.0
● **Audio decoding**: APT·X
● **Complies with/Supports**: A2DP/AVRCP/SBC/AAC/TTS
● **Dual mode audio**: TX interface, Bluetooth Transmitter; RX interface, Bluetooth Receiver
● **Transmission distance**: up to 10m
● **Input voltage**: 4.3V-5V
● **Working current**: ≦ 45mA
● **Audio interface**: TX/RX-3.5mm Audio Connector
● **NFC**: supported

Thanks for your purchase of our products. Geartist is dedicated to the development of digital products and fits them into the customers' digital life, to lead a digital era fashion and make the customers enjoy the latest and most convenient terminal experience. This Bluetooth audio Hi-Fi transceiver is a newly released, easy-to-use and elegant Hi-Fi transmitting and receiving product, designed and developed based on "personality", supporting audio receiving, converting and transmitting. This allows you to enjoy the pleasant music anytime, anywhere.
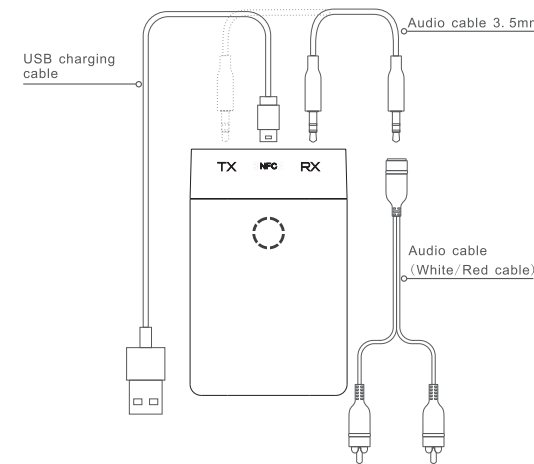
◆ Product Interface：

TX Transmitting | RX Receiving
USB/Charging interface

TX NFC RX — NFC sensing area

Fn key

33% 50% 100%
Indicator
Power status

◆ Key and interface function：

OPERATION	FUNCTION
Double click Fn key	When the device is already connected with one device, another device can be added in connection.
Double click Fn key	When two devices are connected, disconnect the former paired device and enter pairing status
Audio cable inserted into the TX interface	Bluetooth Transmitting; Device power On automatically
Audio cable inserted into the RX interface	Bluetooth Receiving; Device Power On automatically
Audio cable inserted into RX and TX	device power off
Audio cable removed from Rx and TX	device power off
USB/charging	The LED bar shows its current power levels in charging and all LED bars become lighted once fully charged.
Bluetooth device reconnection	All LED bars become lighted.
Enter pairing mode	LED bars flash dynamically.
Bluetooth pairing success	Show the power status by bars (1/6, 2/6, ……)
NFC	Built-in NFC sensing area

◆ Installation：

USB charging cable
Audio cable 3.5mm

TX NFC RX

Audio cable (White/Red cable)

◆ Quick Start：

Remove the product and accessories from the package
1. Open the package and remove the transceiver main unit, audio cable, white/red cable, protective case and user manual.
2. Check whether all accessories are available. Read the user manual carefully, especially the key/interface function explanation.
3. For any doubt, please refer to the FAQ part.

Charging the device
1. connect the USB charging cable Micro end to the device, and connect the other end to the computer USB interface or other chargers (output voltage is 5V)
2. Power indication bar status: dynamically shows the current power status
3. When the transceiver is charged fully, all the bars of the power indicators will be on.

Connect the audio cable
1. Receiving（RX）
● The transceiver adopts Bluetooth to receive audio from the mobile phone, and transmits the audio to other devices through audio cable.
● Insert the audio cable into the RX interface. The device will be powered on automatically.
● Connect the other end of the audio cable to some device（Audio input）without Bluetooth feature, like traditional speaker, traditional car speaker, etc.

2.Transmitting（TX）
● The transceiver receives the audio by the audio cable and transmits the audio signal by Bluetooth to other Bluetooth device or speakers supporting Bluetooth.
● Insert the audio cable into the TX interface. The transceiver will be powered on automatically.
● Connect the other end of the audio cable to some device（Audio output）without Bluetooth feature, like traditional TV, traditional speakers, etc.

Bluetooth Pairing

1.When the transceiver is turned on, it will reconnect the paired devices.
2. If it can not reconnect within 10 seconds, it enters pairing status.
3. In Bluetooth TX mode, long press the earphone or speaker Bluetooth pairing key to pair.
4. In Bluetooth RX mode, please turn on the mobile phone Bluetooth, search new devices and select to pair.
5. When the pairing is completed, LED lights will be on and show the power level（1/6, 2/6,……）
6. The transceiver will be powered off automatically if the paring is not finished within 3 minutes.

◆ FAQ

(1)How to pair two devices simultaneously？
1. Bluetooth RX/TX mode: when it is connected to one device, double click "Fn" key. The device will enter "Pairing mode" for the second device.
2. If the pairing is not finished within 3 minutes, it will exit "Pairing mode" and only maintains the first connection.

(2)How to perform New Bluetooth Pairing?
If you need new pairing, please double click "Fn" key when the transceiver is on.
1. In Bluetooth TX mode, this transceiver will enter Bluetooth device search mode and connect receiving devices that are in pairing status. After pairing, LED will be on and show the power status.
2.In Bluetooth RX mode, this transceiver will enter Bluetooth pairing mode and become available for other devices to pair. Please click "connect" and finish connection, LED will be on and show the power status.

(3)How to use NFC？
1. When this transceiver is in Bluetooth RX/TX mode, please confirm whether the mobile phone for pairing supports NFC.
2. Keep the mobile phone clear of Screen lock and place the NFC sensing areas attached（the area with a NFC mark）.

3. There will be a dialogue popping up in the cell phone screen and, to remind the user whether to connect. After the confirmation, Bluetooth pairing can be done and it's ready to work.

◆ Recycling

The disposal and recycling must be done per as local area or country regulation; we strive for continued research and development. Thus, we reserve the right to amend this user manual without prior notification.

◆ After-sale service

Thanks again for your purchasing of our products. We are willing to offer you the most outstanding products and service and allow you to enjoy a pleasant high technology life. Since the date of purchase, if there is quality problem caused by production defectiveness, it has a 12-month repair warranty. For any doubt, please resort to sale service.

Geartist

THANKS FOR READING

FC CE RoHS
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! Warranty: This product has a 12-month warranty against manufacturing defects starting from the purchase date.

项目名称	RT418	备注	
物料名称	英文说明书	材质	105G双铜
物料编号		制作	张振业
物料尺寸	80*80MM*6折(正反面)	日期	2015-06-27

FCC Caution.

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

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