

Model: B22

Visoud

www.visoudshop.com

Global customer services:

North America:

E-mail: Support@visoudshop.com (US)

Support-ca@visoudshop.com (CA)

Europe:

E-mail: Support-uk@visoudshop.com (UK)

Support-de@visoudshop.com (DE)

Support-fr@visoudshop.com (FR)

Support-es@visoudshop.com (ES)

Support-it@visoudshop.com (IT)

Asia:

E-mail: Support-jp@visoudshop.com (JP)

MANUFACTURER

shenzhen visoud technology Co.,LTD

Address: 503 Room, 5F, B3 Building, Jingnan Industrial Park, Luogang Community, Buji Street,
Longgang District, Shenzhen, China.

FCC CE    **Made in China**



Visoud

Making Life Easy



scan me for warranty registration

User Manual
Wireless Transmitter and Receiver 2-in-1
VISOUD BT-B22

www.visoudshop.com

Contents

1. Product Specifications -----	02
2. Package Contents -----	04
3. Product Overview & Control Functions -----	05
4. LED Indications -----	07
5. Use as a Transmitter (TX Mode) Installation diagram -----	09
6. Use as a Receiver (RX Mode) Installation diagram -----	11
7. Bypass mode (Non-Bluetooth) Installation diagram -----	13
8. Pair and Connect two Devices Simultaneously -----	15
9. About Charging -----	17
10. Restore Factory Default Settings-----	17
11. Troubleshooting -----	17
12. Warnings-----	18
13. Disposal -----	18

1. Product Specifications

VISOUD BT-B22 is a wireless long range audio transmitter & receiver incorporating the latest "APT-X low-latency" technology for CD-like sound with virtually no delay. Multifunctional, supporting optical, bypass and voice prompts. Providing the best solution to enable your TV or home audio system to wireless stream hi-fi audio directly to any wireless headphones or speakers.

- BT version: 5.0
- Chip: CSR8675
- Operational range: > 80 meters
- Supports profiles: A2DP AVRCP
- Audio codec: aptX HD, aptX Low Latency, aptX, SBC
- Battery: 1000mAh
- Charging time: ≈ 4.5H
- Working time: RX > 20H TX average > 15H
- Input voltage: DC 5V
- Input / output connection: SPDIF, 3.5MM stereo audio jack
- Product size: 125.5 * 78.3 * 24mm
- Product weight: 115g

AptX low latency

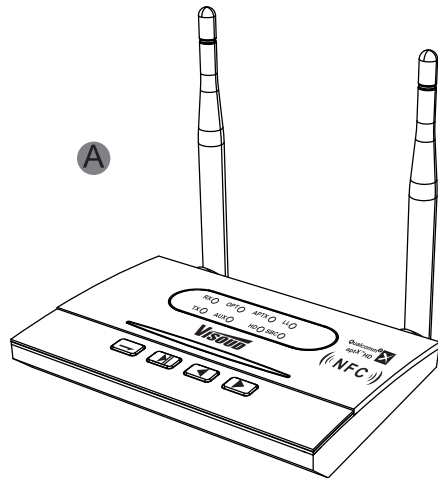
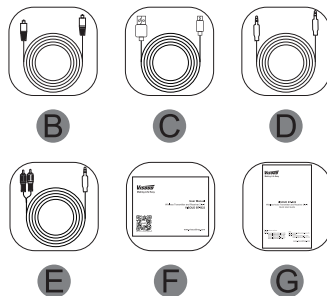
To take advantage of the better performance of the APTX Low Latency Codec, the other side device must support the same codec. If the other side device only supports the normal AptX codec, or the SBC one, those codecs will be used instead.

**Audio delay when paired with different headphones / receiver-
Headphones / receiver support - The audio delay will be**

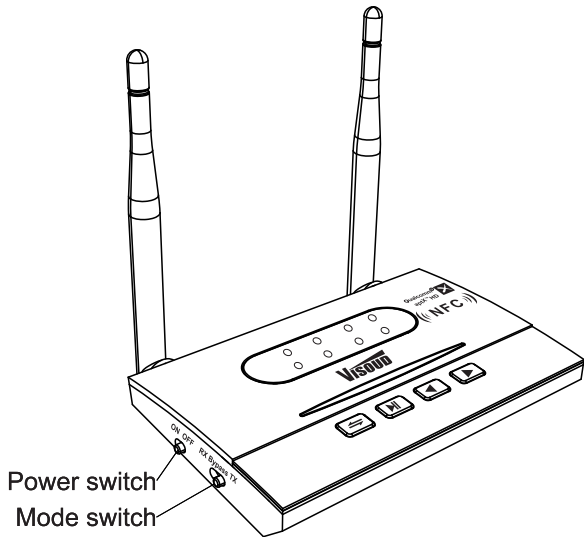
aptX Low Latency codec	~ 40ms
aptX codec	~ 70ms
SBC codec (most standard Bluetooth audio)	~ 220ms

2. Package Contents:

- A. VISOUD BT-B22 Wireless audio Transceiver x 1
- B. Optical cable x 1
- C. USB cable x 1
- D. 3.5mm audio cable x 1
- E. 3.5mm RCA audio cable x 1
- F. User manual x 1
- G. Quick User Guide x 1

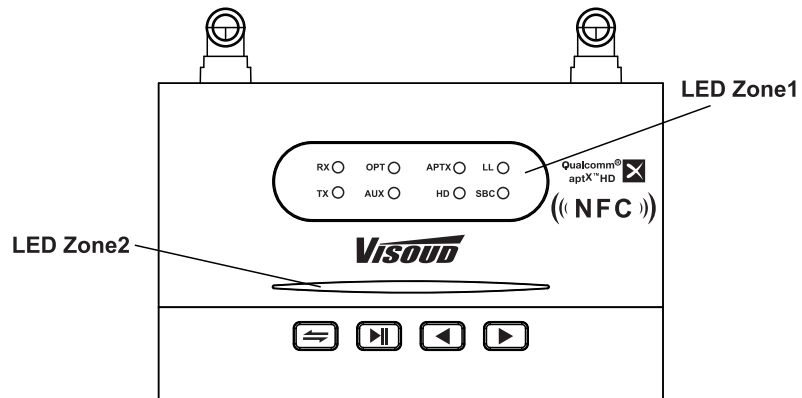


3. Product Overview & Control Functions




Button	Function	Operation
Power switch	Power on	Slide to "ON" to turn on the device.
	Power off	Slide to "OFF" to turn off the device.
Mode switch	Transmitter mode	Slide to "TX" to enter transmitting mode.
	Receiver mode	Slide to "RX" to enter receiving mode.
	Bypass mode	Slide to "Bypass" to enter Bypass mode.
↔	Quick pairing Button	Double click to enter the quickly pairing and search mode.
		Longpress 8s to reset and clear all the paired device information.
⏮	Play / Pause	One click the button to play / pause.
⏪ ⏩	Volume down / up & previous / next song	Only in RX mode, short press for previous / next song, Long press for Volume down / up (TX mode doesn't support).

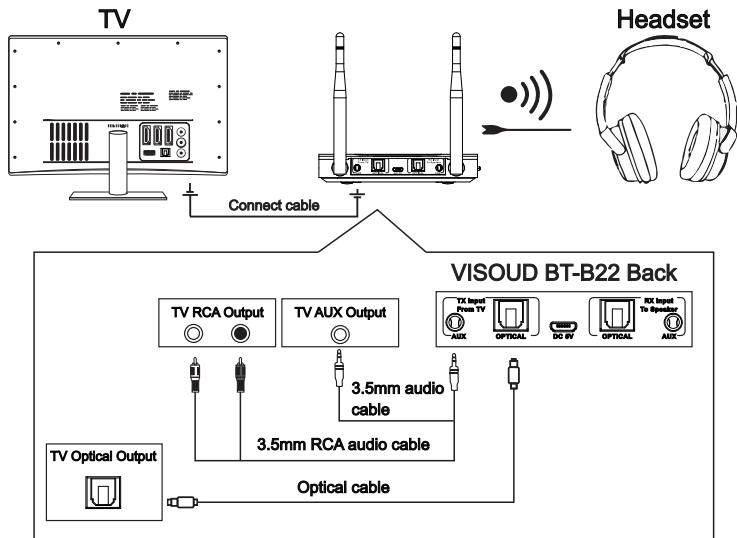
4. LED Indications:






LED Zone 1	
Indicator	Status
RX	In receiving mode
TX	In transmitting mode
OPT or AUX only	In Bypass mode
OPT	In Optical audio mode
AUX	In AUX audio mode
APTX, LL, HD, SBC	Audio CODEC is in aptX, aptX Low Latency, aptX HD, SBC

LED Zone 2	
Indicator	Status
Blue Flash	Flash quickly in the search pairing mode. Flash every 2s in standby mode. Double click  button to enter the quickly pairing and search mode.
Blue On	The device has connected successfully.
Green On	The transceiver connects two Bluetooth devices.
Red On	The device is under the charging state, it will turns off automatically after fully charged.
Red Flash	Indicates the device is in a low battery state. Alarm will release when charging.

5. Use as a Transmitter (TX Mode) Installation diagram:

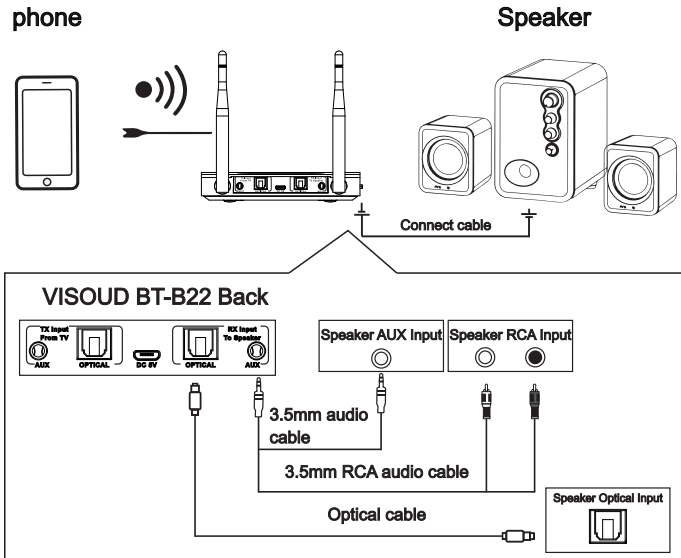


Connect the VISOURD BT-B22 with a audio source device like TV / computer through an AUX audio cable or optical cable. Connect the VISOURD BT-B22 with your Bluetooth audio player like Bluetooth headset / speakers, then you can listen the audio through the headset / speakers.




- 1) Connect audio source (TV, DVD etc.) to VISOURD BT-B22 "TX Input" port with the audio cables provided (Optical or AUX / RCA).
- 2) Slide mode switch to the "TX"  position.
- 3) Slide power switch to the "ON"  position.
- 4) Double-click  button to enter the quick pairing search state (Blue light will flash quickly).
- 5) Set the speaker / headphones to bluetooth pairing mode, wait until connected (Blue stops flash and stays lighting after pairing successfully).

Note: For quick pairing, better keep them within 1 meter when pairing.

6. Use as a Receiver (RX Mode) Installation diagram



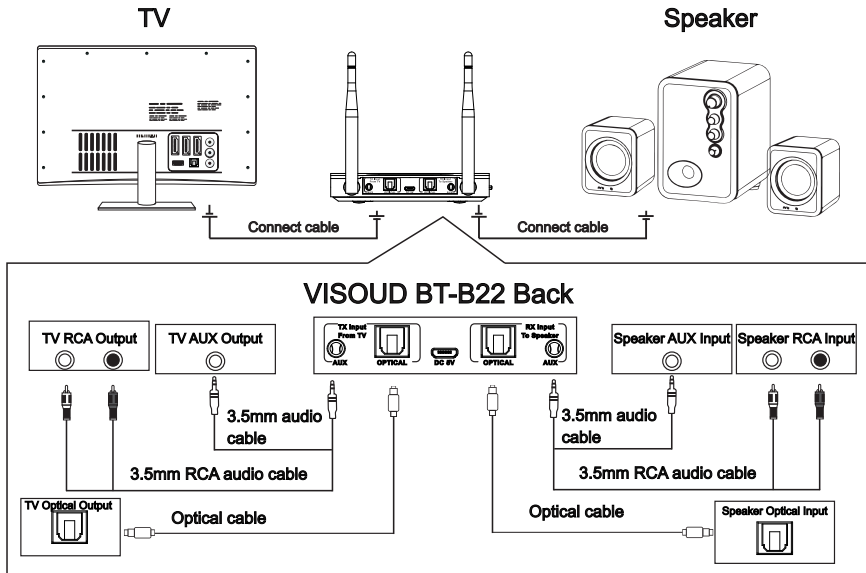
Connect the VISOUR BT-B22 with your bluetooth audio source like smart phones or laptops via bluetooth. Connect the VISOUR BT-B22 with a audio play device like speaker / audio amplifier through an AUX audio cable or optical cable. Then play audio through the audio source devices and you can listen on the audio play device.

- 1) Connect your speaker to VISOUR BT-B22 "RX Output" port with the audio cable provided (Optical or AUX / RCA).
- 2) Slide mode switch to the "RX"  position.
- 3) Slide power switch to the "ON"  position.
- 4) Double-click  button to enter the quick pairing search state (Blue light will flash quickly).
- 5) Set the Bluetooth audio source device to pairing mode, find "BT-B22" on your audio source device, click "pair", then wait until connection (Blue stop flash and stays lighting after pairing successfully).



Note: For quick pairing, better keep them within 1 meter when pairing.

- NFC enabled phones can connect this device easily with Near Field Communication (NFC) function.

7. Bypass mode (Non-Bluetooth) Installation diagram:




Bypassing means using VISOUND BT-B22 as a non-Bluetooth device which connects the TV and speaker via wires directly. In Bypass mode, this device can be connected with TV and convert the sound to a speaker device. This design allows you freely switch between Bypass mode and Bluetooth mode, requiring only One-button switching without disconnecting any cables.


- 1) Connect audio source (TV, DVD etc.) to VISOUND BT-B22 "TX Input" port with the audio cables provided (Optical or AUX / RCA).
 - 2) Connect your speaker to VISOUND BT-B22 "RX Output" port with your own audio cable (Optical or AUX / RCA).
 - 3) Slide mode switch to the "Bypass"  position.
 - 4) Slide power switch to the "ON"  position.
 - 5) When the connection is successful, Ready for use.
- Note:** Bypass for AUX to AUX & OPT to OPT only.

8. Pair and Connect two Devices Simultaneously


In TX mode

- 1) Pair with the first device by following the previous instructions in the "Use as a Transmission (TX mode)" section.
- 2) Pair with the second bluetooth device.
 - Set second headphones or speaker to pairing mode.
 - Double-click  button on VISOUND BT-B22 to enter the quick pairing search state (Blue light will flash quickly).
 - Wait until connected. After the second device connected with the VISOUND BT-B22, the green light will stay on.

Notes:

- 1) If still cannot connect with the second device after a while, Please double-click  button on the BT-B22 again to try to re-search the second bluetooth device.
- 2) If always cannot connect with two bluetooth devices at the same time, Please restart the VISOUND BT-B22.
- 3) When using dual-link, VISOUND BT-B22 doesn't support aptX low latency.

In RX mode

- 1) Pair with the first device by following the previous instructions in the "Use as a Receiver (RX mode)" section.
- 2) Pair with the second bluetooth audio source device.
 - Double-click  button to enter the quick pairing search state (Blue light will flash quickly).
 - Set second audio source (TV, DVD etc.) to pairing mode, find "BT-B22", click "pair", then wait until connection (Green stays lighting after pairing successfully).

Note:

Only one device can play music at any time. You must stop the music on one device to play on the other.

9. About Charging

- 1) The device has a built-in 1000mAh battery, The charging time is about 4.5 hours, Before first use, please fully charged.
- 2) When red light flash Indicates the device is in a low battery state. While charging, the red light is always on, it will turns off automatically after fully charged.
- 3) Please charge the device through a Micro USB cable, and by 5V POWER ONLY.

10.Reset and Clear the Paired Device :

Long press and hold button 8s until all the Indicator lights on, then all the paired device information will be cleared.

11.Troubleshooting

- 1) Device doesn't work:
 1. Check if the battery is low by charging it.
 2. Power off and restart again (The device will power off automatically 6 minutes later if there is no operation).
- 2) Have trouble pairing and connecting to bluetooth device:
 1. Make sure your wireless device supports the wireless profiles listed in specifications.

2. Keep the VISOUD BT-B22 and your device within 3 ft / 1m distance.
- 3) Have trouble listening the audio after connecting:
 1. Make sure you select the correct mode by checking the mode switch (TX / RX / Bypass) and see the lights status.
 2. Make sure to remove the protective head on optical cable when using it.
- 4) When using SPDIF audio mode, please do not plug in the AUX audio cable. When the AUX audio cable is plugged into the AUX port, the device will switch to AUX audio mode.

12. Warnings

Warranty service is limited to normal use, Any man-made damages such as from connecting to an unsuitable power source, using an unsuitable device, or not following the instruction, as well as damages that did not occur during shipping, repairs and adjustments not approved by the company, damages from misuse, inattention, or improper installation may cause the warranty to be ineffective immediately. This warranty does not include shipping fees.

13. Disposal



Always dispose of the used appliance at a recycling centre. Do not dispose the used appliance together with household waste.