

### BT5.0 HD LL Audio Transmitter Receiver



#### AMC Gene Series

**BT-B19** is one of the AMC **IA Products** with **25 years Life** Using **Module** Gene DNA, mRNA, RNAi Concept

AMC has been designing and producing products based on Module Gene DNA, mRNA, RNAi LIFE Philosophy.

- a. **Design to last** instead of design to dump usually.  
<http://www.youtube.com/watch?>
- b. Make the **minimum Carbon footprint** for protecting the earth together by offering very green products.
- c. AMC systems, products can be **updated constantly** based on modules **LIFE Philosophy**.

AMC Products with **Remote Source RJ45** on rear panel for Users to put Sources at Remote or Local Locations based on module concept.



**Streamers**

**BT-B19 etc Sources**



from Remote Source RJ45 on rear panel

to Remote(option) or Local Sources



## AMC BT-B19 AptX HD Low Latency Bluetooth 5.0 Audio Transmitter Receiver Music CSR8675 TV PC Wireless Adapter with RCA/SPDIF/3.5mm Aux Jack

### Feature:

- 1) The world's first aptX HD with TX / RX mode: The AMC BT-B19 Bluetooth adapter from the premium CSR8675 chipset supports the latest Bluetooth V5.0, while most other vendors only own the CSR8670 chip and Bluetooth 4.2, 4.1 or even 3.0 transmitters. With aptX HD our bluetooth transceivers can wirelessly transmit stable audio signals via Bluetooth connection and deliver the sound in CD quality.
- 2) Real-time audio transmission: The Bluetooth transceiver uses the aptX low-delay technology in both modes, which can reduce the audio delay below 40 ms. This allows you to enjoy high-quality audio in sync with the video (Note: your Bluetooth headphones or speakers must also support aptX LL / aptX.)
- 3) Long battery life: The built-in battery provides Bluetooth adapter for more than 20 hours after charging for 3 hours. Unlike other Bluetooth adapters that will not work within 20 hours. It also supports loading and streaming at the same time.
- 4) OPTICAL + RCA + 3.5MM: The AMC BT-B19 BT5.0 Adapter supports not only the 3.5mm Aux / RCA connection but also optical cable inputs / outputs. With the included optical cable, you can enjoy high-quality digital sound through multiple audio outputs, eg. Wired stereo, speakers or headphones.
- 5) Dual connection and automatic reconnection: In TX mode, two Bluetooth headsets can be paired at the same time, so you can enjoy your own world and offer the children a rest time. In RX mode, two smart devices can be paired to play different songs. The Bluetooth adapter can hold 8 devices and automatically reconnect to existing devices.

- . The product has a streamline ID.
- . Adopt CSR8675 high-end chip design.
- . CSR's latest ANC noise reduction and echo cancellation technology
- . Support TX dual stream, RX multi-point connection SPDIF, I2S audio input / output interface.
- . Built-in rechargeable battery, life is greater than 20 hr
- . Supports SBC, MP3, AAC, apt-X HD, apt-X LL, apt-X audio format
- . Built-in eFlash of 16Mb and external serial flash memory up to 64Mb, the signal-to-noise ratio of ADC is as high as 75dB
- . Support TWS (left and right channel separation)
- . The product is simple to connect, without any driver or downloading the APP

### Product Specifications:

Model number:CSR8675

Bluetooth protocol support: RX: A2DP AVRCP TX: A2DP.

Transmission distance: over 10M (open space)

Battery standard: 600MA.

Working hours: > 20H.

Charging time: about 3H.

Charging voltage: DC 5V.

Input/output connection: SPDIF, 3.5mm stereo interface.

APT-X function: When equipment is used in the APT-X function of RX/TX mode, your mobile phone or bluetooth (bluetooth headset, speakers) should support APT-X function, this equipment is connected by CODEC mode with corresponding mobile phone or bluetooth (bluetooth headset, speakers) connection.

### Package included:





- 1 x Bluetooth Transmitter & Receiver Adapter
- 1 x Micro USB Charging Cable
- 1 x 3.5mm Audio Cable
- 1 x 3.5mm jack to 2 RCA Plug Cables
- 1 x Digital Optical Toslink Audio Cable
- 1 x User Manual
- 1 x Retail Box



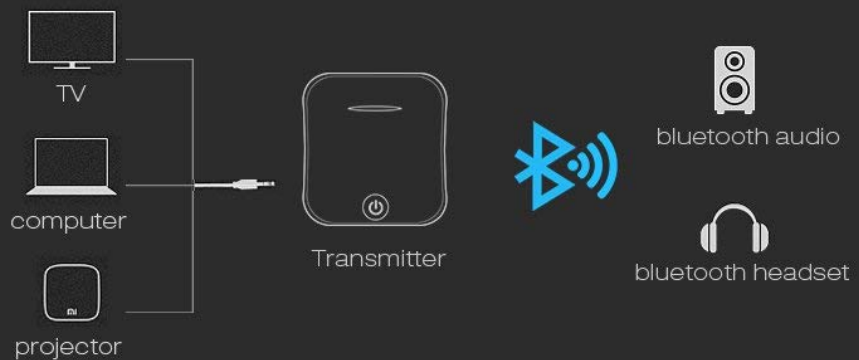
# 2 in 1 Bluetooth Adapter

Dual USB-C (Type-C) (5V/1A) (20W max)



|   |   |   |  |
|---|---|---|--|
| <br>Transmission | <br>Processing | <br>Decoding | <br>>20H      |
| <br>>30M       | <br>TX&RX    | <br>ANC    | <br>Support |

## Transmitter-TX MODE



## Receiver-RX MODE



bluetooth audio



vehicle stereo



Receiver



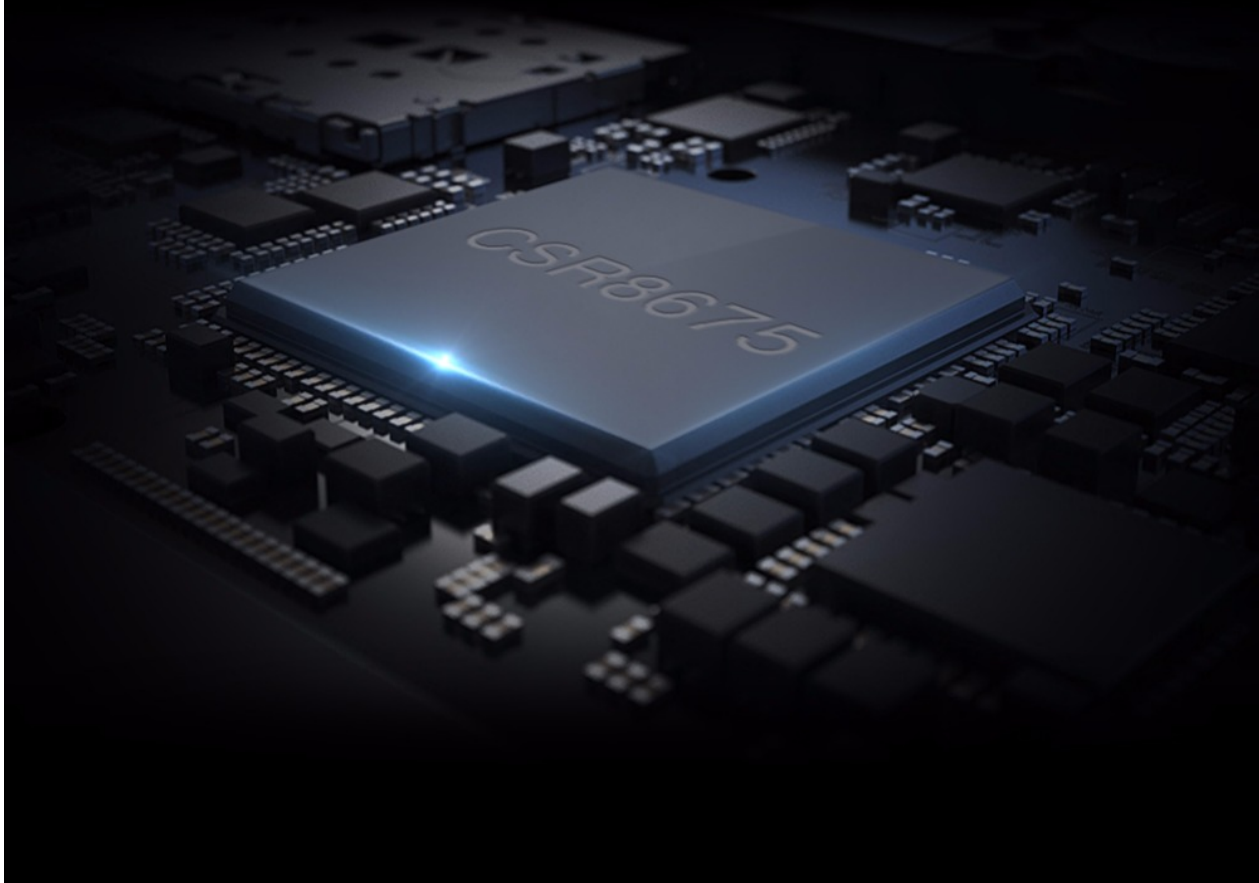
tablet



pc computer

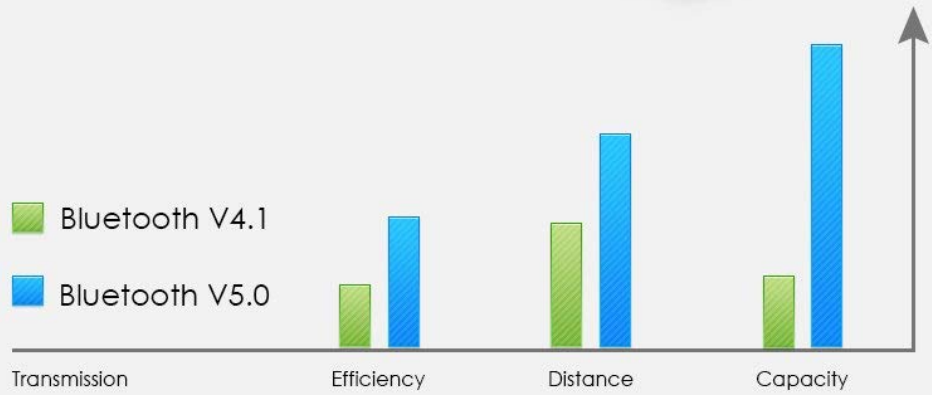
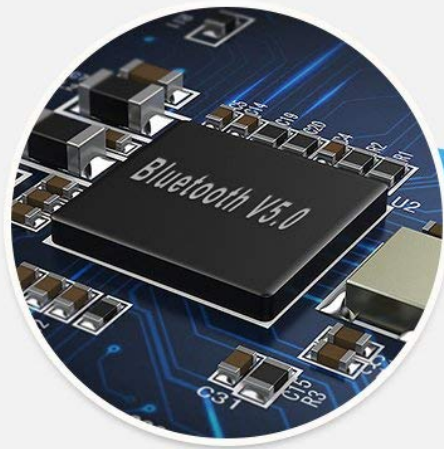
## UPGRADED CSR8675 Chip, More Stable & Efficient

CSR8675 is the best chip of bluetooth in current market, Its sound quality much more better than CSR8670 chip.



# Bluetooth V5.0

High-end Bluetooth V5.0 chip greatly improves product performance and functionality



# ESAY TO USE-PORTABLE



# LUXURY CONFIGURATION



CSR Bluetooth 5.0



CSR8675 Chip (Most Advanced)



22-26 Hours Play Time



AptX HD Tech (CD-quality sound)  
Hi-Fi Music



AptX Low Latency Technology



Three Connection  
(OPTICAL+RCA+3.5MM)



Auto Re-Connection  
Auto Turn Off (TX/RX)



Pair with Two Devices (TX/RX)



# 20 Hours Play Time

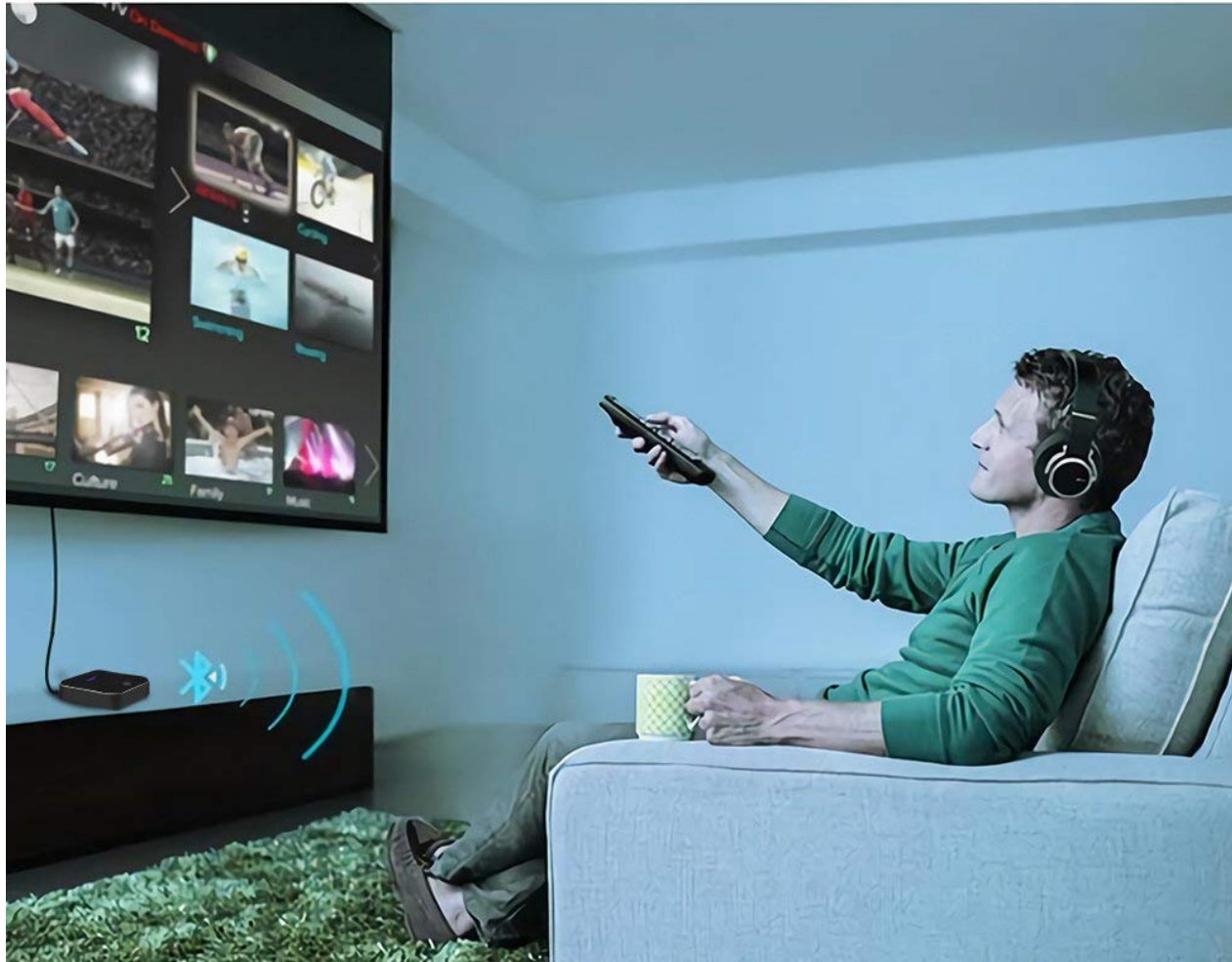
Built in 600MAH lithium polymer battery, super long endurance >20 hours; 3 hours can be full of electricity.





# Aptx Zero Latency

Adopt exclusive CSR8675 high-end chip,  
give you 0 delay experience



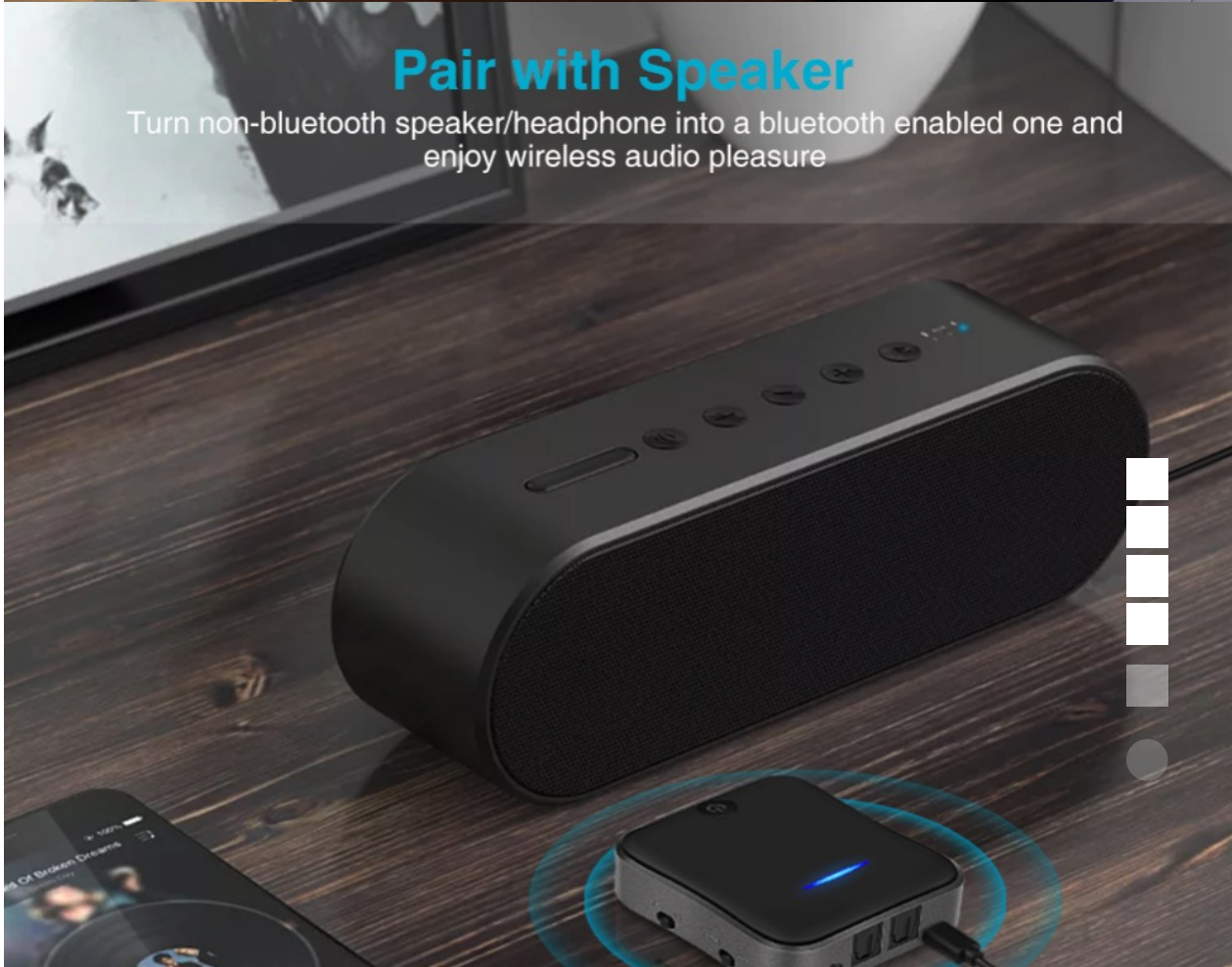
# DUAL HEADPHONES/ SPEAKERS SUPPORT

Dual link support share your enjoyment and won't disturb other people



## Pair with Speaker

Turn non-bluetooth speaker/headphone into a bluetooth enabled one and enjoy wireless audio pleasure







## Enjoy Wireless Music in Car

Use the 3.5 mm audio cable connect to your car then pair with your smart phones (Support Two Phones connect at the same time), Make your in-car multi-media wireless



## Multiple Connection Methods

Support 3.5mm AUX Jack + Digital Optical Toslink + SPDIF Connect ,  
You can connect it with TV/PC/Headphones/Speakers/Tablet/Mp3 etc Whatever you want





## Specifications

|                       |  |
|-----------------------|--|
| Model                 | BT-B19   |
| Battery Capacity      | 600mAh lithium-ion polymer battery                                 |
| Bluetooth Version     | V5.0 Class II  |
| Charging              | DC 5V / $\geq 300\text{mA}$  |
| Charging Time         | About 3 Hours  |
| Operating Temperature | -10-55°C   |
| Working Time (RX)     | Up to 22 hours   |
| Working Time (TX)     | Up to 26 hours   |
| Bluetooth Chipset     | CSR BC8675   |
| Transmission distance | 10m  |
| Bluetooth Profile     | RX:A2DP AVRCP TX:A2DP  |
| Weight                | About 45g  |
| Size                  | 63*63*20mm   |
| CODEC                 | TX:apt-X HD,apt-X LL,apt-X,SBC RX:apt-X HD,apt-X LL,apt-X, AAC,SBC |