

Description of the KBT-520 operation principle

KBT-520 is a bluetooth speakerphone, which use to make and receive calls while driving without holding mobile phones.

Before use this product, please make sure it paired with mobile phone, both of them will keep wireless connection after paired (working band: ISM 2.4GHz to 2.48GHz). When making a call, the sound and digital signals will automatically be sent to KBT-520 via mobilephone's Bluetooth function.

The detail of working process: After repower the KBT-520, it will search the last paired mobilephone, and connect it with wireless technology. When making a call, the microphone of KBT-520 will switch the sound signals to electric signals, the electric signals will be modulated to radio wave and then be sent to mobilephone's bluetooth module via antenna; The sound of mobilephone will be sent to KBT-520 via mobilephone's bluetooth module in the form of radio wave. The radio wave will be separated and modulated to electric signals after be received by KBT-520's antenna. Digital amplifier will amplify the electric signal to make speaker work, thus realize the goal of handsfree telephone.