

Bluetooth Adapter

Product Specification

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The information presented herein reflects the current or intended specifications as of the date of publication. As we continuously improve our products and add new features, the contents of this publication are subject to change without prior notice.

Product Introduction



Support A2DP, HFP (Narrowband, Wideband, APTX ultra-wideband)
 Support SBC, AAC, aptX, APTX-HD, APTX-Adaptive, LDAC
 Support SPP high speed, ideally for ANC filter data transmission Support
 RSSI, Power and other information upload
 Support up and down, volume, pause / answer, and other key feedback
 Support recording, replaying, listening key feedback
 Support USB program control for automated test design
 Supports LE Audio, LC3 sound quality, Auracast transmit sound

General features

- Supports Bluetooth 5.4
- The audio codecs can be set
- With a complete function of the configuration interface
- Full audio profile support
- SPP high speed transmission capability
- RF transmitter power can be set
- Connect by mac address or auto connect BT device
- Analog, USB sound card and digital (i2s) interface support inputs and outputs

Specifications

Specifications	
Driver	Shuttle
Working voltage/power dissipation	5V/55mA
Dimensions(mm)	93*33*140
Suitable temperature	-20°C - 50°C
Bluetooth command control	USB
Speaker channel number	2
Mic channel number	1
Interface type	BNC, USB

Audio specifications

Audio specifications	
Profile versions	A2DPV2.0/AVRCPV1.6/HFPV1.6
Rf frequency	2.402-2.480GHz
A2DP Audio codecs	SBC/AAC/aptX/APTX-HD/APTX-Adaptive/LDAC
HFP Audio codecs	CVSD/mSBC/APTX Voice
Speaker bandwidth	20Hz - 41kHz
Mic bandwidth	100Hz - 16kHz
Speaker bottom noise	AC/DC <-90dBV
Mic bottom noise	<-90dBV

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FCC Caution.

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.

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

Note: 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.

This equipment complies with FCC radiation exposure limits set forth for an uncontrolled environment. This equipment should be installed and operated with minimum distance 20cm between the radiator & your body.