BTH-820 Bluetooth Stereo Headset
BTA-809 Bluetooth Stereo Audio Gateway

BTH-820 Bluetooth Stereo Headset provides you the CD quality stereo sound. If a call is coming while you are listening to the music, just press any button to receive the call. Meanwhile, the music will stop automatically, and then resume itself after you hang up the phone.

BTA-809 Bluetooth Stereo Audio Gateway enables your audio device to have the ability of wireless Bluetooth transmission. It can transmit crystal clear digital sound to any compatible Bluetooth audio receiver up to 10 meters away. Just plug the BTA-809 into the iPod Docking connector, the audio music will be sent out from BTA-809 by the wireless Bluetooth signal. Then you can use a Bluetooth headset (receiver) to listen to the music.

Features

BTH-820		BTA-809
• Light weight and handy design. • Press any button to receive a call. • In the headset mode, you can adjust the volume and refuse to answer a call. • You can answer the call while listening to the music, and the music will resume automatically after you hang up the phone. • built-in Hold key and microphone. • Stand-by time up to 110 hours.		• Stereo Audio Gateway • Plug-and-Play • Support standard A2DP profile for consistent and clear stereo sound quality. • Compatible with iPod Photo, Video, nano. • Divert the high quality audio from wired to wireless. • Outstanding performance enables you to enjoy the true digital sound with CD stereo quality. • Support AVRCP. • Fast and simple one-button operation. • Stand-by time up to 80 hours.
A2DP+AVRCP Profile	A2DP Profile	
• You can control the "play", "pause", "stop", "next song" and "previous song" of the Windows Media Player. Known Supported Device: Globalsat: BTA-806/BTA-804A	• You can control the play/mute, volume up and down of BTH-820.	
• Bluetooth version 1.1/1.2/2.0 compatible.		
• Operation range up to 10 meters.		
• Embedded rechargeable Li-polymer battery		
• LED indicator for low power and charging.		

Specification

Model Name	BTH-820	BTA-809
Product Description	Bluetooth Stereo Headset	Bluetooth stereo Audio Gateway
Color	Blue / Orange	White
Certification	FCC, CE, BQB	FCC, CE ,BQB ,DGT ,IC
Bluetooth Version	Bluetooth v1.2 Specification	Bluetooth v2.0 Specification
RF Output Power	Class 2	
Frequency	Band 2.4GHz ~ 2.4835GHz unlicensed ISM band	
Spread Spectrum	FHSS (Frequency Hopping Spread Spectrum)	
Operating Range	10 meters (32 feet)	
Sensitivity	-80dBm @0.1%BER	
Bluetooth Profile	Headset,Handsfree,A2DP,AVRCP	A2DP,AVRCP
Stereo Audio Specification	CD-Quality, 44.1, 48KHz 16-bit Stereo Audio Codec	
Standby Time	Up to 110 hours	Up to 80 hours
Play Time	Up to 6 hours	Up to 7 hours
Charging Time	Up to 3 hours	Up to 3 hours
Talking Time	Up to 6 hours	--
Audio input	Bluetooth signal	IPOD Docking connect
Audio Output	3.5 mm stereo jack	Bluetooth signal
LED	2 LEDs (blue and red)	
Battery	Rechargeable Li-Polymer battery	
Operation Temperature	-10 ~ 55 ℃	
Storage Temperature	-20 ~ 60 ℃	
Humidity	10% ~ 90% non-condensing	
Dimensions	63.5x28.5x18.5mm(L x W x T), Including back clip	61.8x24.5x15mm(L x W x T)
Weight	**19 g**	**21.5g**
Microphone	Embedded microphone, (To avoid the noise interference, please put the microphone within 35 cm from your mouth while talking.)	--

BTH-820

Button	Incoming call is ringing	While on the phone	While playing the music with BTA-806 (AVRCP, A2DP profile).	While playing the music with BTA-809 (AVRCP, A2DP profile).
∎▶	Answer	Transfer to cell phone	Play / Pause	Play / Pause
▯	Refuse the call	Hang up	Stop	disconnect
✚	Answer	Volume up	Volume up	Volume up
▬	Answer	Volume down	Volume down	Volume down
▶▶	Answer	N/A	Next	Next
◀◀	Answer	N/A	Previous	Previous
(HOLD)	Lock the buttons	Lock the buttons	Lock the buttons	Lock the buttons
Remark 1	--	To avoid the noise interference, please put the microphone within 30 cm from your mouth while talking.	Remote control (AVRCP) is supported under "Microsoft Window Media Player".	Support AVRCP remote control feature.
Remark 2	• If BTH-820 works with Bluetooth USB dongle which uses *IVT BlueSoleil version 1.6.2 or above*, *TOSHIBA version 3.03.10 or above*, it will support **A2DP**, **AVRCP**, **HEADSET** profiles. • If BTH-820 works with Bluetooth USB dongle which uses *BROADCOM, WIDCOMM version 4.0.1.700 or above*, it will support **A2DP**, **AVRCP** profiles.			

LED indicator function	
Status	**BTH-820, BTA-809**
Standby	Blue LED flash once
Connecting	Blue LED flash twice
Transferring	Blue LED flash four times
Pairing	Blue and red LED flash quickly by turns
Low battery	Red LED is on

	BTH-820, BTA-809
Turn on：	Press the power button for 2 seconds to turn it on.
Turn off：	Press the power button for 4 seconds to turn it off.
Pairing：	While in the off mode, press the power button for 6 seconds，the blue and red LED will flash quickly by turns and it will search other device for pairing.
Charging：	Connect one end of the charging line to the USB socket of BTH-820 or BTA-809, and the other end to the USB socket of PC. The red LED will be on when charging and will be off when battery is full. You can use BTA-809 while it is in the charging mode.

Pairing procedure

To pair	**BTH-820** with **BTA-809**	**BTA-809** with another Bluetooth headset	**BTH-820** with a Bluetooth cell phone	**BTH-820** with a PC
	Press the power button for 6 seconds, the blue and red LED will flash alternately and they will search each other for pairing. If pairing is completed, blue LED will flash four times in every 2 seconds.	Set the BTA-809 and your Bluetooth headset to pairing mode, these two devices will start to pair automatically. If pairing is completed, blue LED will flash four times in every 2 seconds.	Set the BTH-820 into pairing mode. In your cell phone, enter the Bluetooth menu and select "search device" option. When your cell phone finds the BTH-820, select it to pair. If pairing is completed, red LED will be off, and only blue LED will flash, then you can connect your cell phone to BTH-820.	Set the BTH-820 into pairing mode. Start the Bluetooth software (for example IVT BlueSoleil 1.6.2 or Windcomm) on your PC and select "search device". After pairing is completed, you will be able to connect BTH-820 and listen to all the music from PC.
Pairing password	--	--	0000	0000

Note:
- Supports AVRCP profile, you can use BTH-820 to control iPod. The functions which can be controlled are the following:

iPod mode	Function available	note
Music	Play / Pause, Volume up, Volume down, Next, Previous.	Before you can use BTH-820 to control the iPod, you must select any music playlist and press the play button on your iPod. If you press the play button on BTH-820 instead of iPod, then it will play the previous playlist.
Photos	Play / Pause, Next, Previous.	Before you can use BTH-820 to control the iPod, you must select "Photos" / "Photo Library" and press play button on your iPod.
Videos	Play / Pause, Volume up, Volume down.	Before you can use BTH-820 to control the iPod, you must select "Videos", any video file, and then press play button on your iPod.

Troubleshooting

- Check the battery power.
- Make sure the devices are turned on.
- Make sure the devices have been paired.
- Make sure the devices are within the 10 meters range.
- Check the volume.
- Check if the audio resource is correctly input.
- Pair the devices over again.
- **Can not connect with cell phone:** Delete the BTH-820 device in your cell phone, re-start it and do the pairing again.
- **Can not turn on the device:** Do a **Reset**. Plug in the charging line to the device to enable the electric power passing by and then unplug it. That will perform the "Reset". For BTA-809, you need to press the Reset hole under the device.

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FCC Notices

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.

FCC RF Exposure requirements:

This device and its antenna(s) must not be co-located or operation in conjunction with any other antenna or transmitter.

NOTE: THE MANUFACTURER IS NOT RESPONSIBLE FOR ANY RADIO OR TV INTERFERENCE CAUSED BY UNAUTHORIZED MODIFICATIONS TO THIS EQUIPMENT. SUCH MODIFICATIONS COULD VOID THE USER'S AUTHORITY TO OPERATE THE EQUIPMENT.