

Adamyia Computing Technologies (P)

## Bluetooth HiFi Stereo Headset

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Adamyia Bluetooth HiFi Headset enables reception and playback of HiFi quality audio wirelessly over Bluetooth link from an audio source. The product has built in A2DP, HSP and HFP profiles. Legacy Audio devices can be Bluetooth enabled using the corresponding Bluetooth HiFi Audio Adapter.



The Headset has three Buttons and a charging interface. It runs on Lithium Polymer battery. The buttons are used for Vol+/- and call Management.

The headset can be connected to/from an Bluetooth enabled Music source. The headset is based on the A2DP profile and has the mandatory SBC decoder. The SBC streams are decoded and played back.

While playing music if there is an incoming call from the paired Mobile, the music is muted/disconnected and the call is taken. After the call is terminated, the connection is re-established and music resumed with supporting A2DP sources.

Applications include Wireless HiFi Audio Headsets, CD Quality Wireless Audio, Wireless Speakers for Audio Systems, etc

**General Specifications**

Item / Feature	Description
<b>Processor</b>	PNX0101
<b>Codec</b>	Available in PNX0101
<b>Baseband</b>	BGB204
<b>Standards</b>	Bluetooth 1.2 compliant Protocol Stack and Profiles
<b>Profiles</b>	Headset, Handsfree and A2DP Profiles
<b>Quality</b>	Supports 16,32,44.1 & 48 kHz Music 8KHz for SCO channel with Mobiles
<b>Buttons</b>	Volume + Volume - Multi purpose Function Key
<b>Power</b>	Li Polymer Battery with charger
<b>Range</b>	Upto 5 metres
<b>Talk Time (Continuous)</b>	~ 6 Hrs
<b>Audio Level Control</b>	18 dB Range
<b>Standby Time</b>	120 hrs
<b>Input voltage for charger</b>	5 Volt Minimal
<b>Input current for charger</b>	Max. 500mA
<b>Battery charging time</b>	~2 hour
<b>Functionality</b>	<ol style="list-style-type: none"> <li>1. ON/ OFF</li> <li>2. Pairing</li> <li>3. Stereo Music Playback</li> <li>4. Call Accept, Reject, Terminate</li> <li>5. Volume Up, Down</li> <li>6. Call transfer from/to cell phone</li> <li>7. Last number redialing (Optional)</li> <li>8. Voice dialing (Optional)</li> </ol>

Note: Specifications are subject to change without notice