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## 1. Introduction

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The BlueJay™ Bluetooth Headset offers users a unique, wireless experience using Bluetooth wireless technology. It is a model of efficiency, offering hands-free, wireless connections between most Bluetooth enabled phones. The headset's compact over-the-ear style adds convenience and comfort.

The headset is Bluetooth v1.2 compliance. It is backward compatible with audio devices with v1.1 or earlier. Its operation range is up to 10m (open space); operating power mode is Class 2 (0-4dBm). It should have more than 5-hour talk-time and more than 240-hour of standby-time. This user's guide provides more detail.

### ◆ Bluetooth Wireless Technology

Bluetooth is a specification for short-range radio links between mobile computers, mobile phones, digital cameras, and other portable devices. The radio operates on the globally available 2.45 GHz ISM 'free band', allowing users to use "Bluetooth"-enabled equipment worldwide. The Bluetooth devices communicate within a maximum of 10 meters; and do not need to be light of sight.

The Bluetooth trademarks are owned by Bluetooth SIG, Inc. © Bluetooth SIG, Inc. 2004.

### ◆ The Card in the Sales Kit

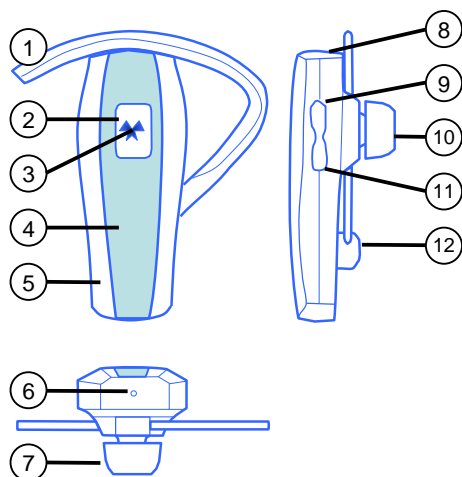
- The adaptor use with this device; it may differ from each countries

**Warning!** Use only adaptor approved for use with this particular device. The use of any other types will invalidate any approval or warranty and may be dangerous.

- Dealer's warranty card

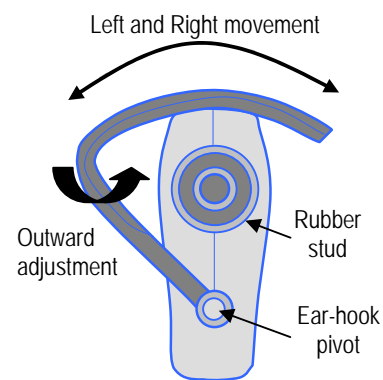
## 2. Getting Started

### ◆ The BlueJay™ Headset Overview



1. Ear-hook
2. On/Off/MFB(Multifunction Button)
3. Indicator light – Red and Blue/Green
4. Changeable color panel
5. Headset housing
6. Microphone
7. Rubber stub
8. Charging socket
9. Volume up (Vol+)
10. Earphone
11. Volume down (Vol-)
12. Ear-hook pivot

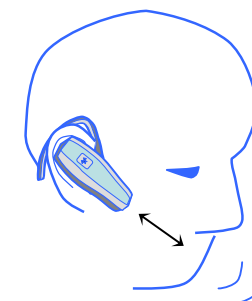
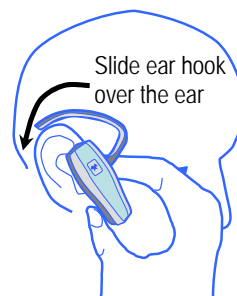
### ◆ Wearing the BlueJay™ Headset



The compact over-the-ear Headset is designed to fit the ear comfortably. The ear hook is pivoted that allows left/right movement and outward adjustment for proper fitting.

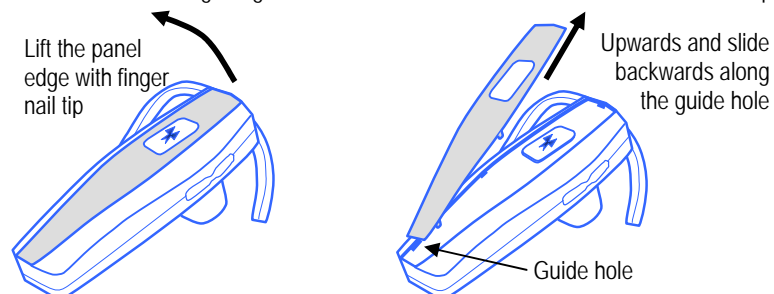
For added comfort, rubber stud is provided that fit at the end of speaker. It comes with different sizes for better cushion effect. One may do without the ear hook if the headset secure well into the ear.

After optimal adjustment, slide the ear hook gently over the ear. Then insert the rubber stud into the ear with the microphone towards the mouth as shown below.



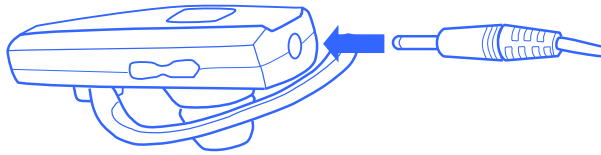
### ◆ Changing Front Panel

The headset comes with stylish changeable color panel. Lift the panel edge gently upwards; and slide backwards along the guide hole as shown below. Reverse the action when replacing the panel.



## ◆ Charging the Headset

The BlueJay™ headset has a built-in rechargeable Li-Polymer battery. It is recommendable to charge the battery fully prior to first time using the device.



### Nominal Charging

- Connect the adaptor to an AC wall outlet and the DC jack to headset charging socket as shown in the above diagram.
- The Red indicator light is displayed during charging. It takes up to 2.5 hours to charge the battery fully.
- The Blue indicator light is displayed when fully charged. Disconnect the charging adaptor from AC wall outlet and the headset

**Important!** Charging indication will be delayed if the headset has not been used for a long duration or the battery is fully drained

### Low Battery

Under normal usage condition, the fully charged battery can operate up to 5-hour of talk time and up to 250-hour of standby time. During on state, when the battery power running low, the headset deeps once every 1 minute and Red indicator flashes every 4 seconds. Put the headset on charge as describe above; else the headset will shut down when voltage fall below operating voltage.

### Changing the battery

The built-in battery is replaceable at the service center. If the operating time is noticeably shorter than nominal duration stated, it is time to replace the battery. Please contact your local dealer to provide the service.

**Warning!** Use only battery approved for use with this particular device. The use of any other types will invalidate any approval or warranty and may be dangerous.

## ◆ Turning the Headset On and Off

**To turn on:** press and hold the **MFB** for 2 seconds; the headset emits medley tone and Blue indicator flashes 3 times. The flashing continues once every 4 seconds after the headset goes to standby mode.

**To turn off:** press and hold the **MFB** for 2 seconds; the headset emits medley tone and Red indicator flashes 3 times.

## ◆ Set up for first time use with the Phone

Prior to using the headset for first time use with a Bluetooth-enabled phone; both devices have to be paired. The following information describes a typical pairing procedure between a headset and a Bluetooth-enabled phone. However, the pairing procedure may subject to different makes and models of the phones.

### Pairing the Headset and Bluetooth-enabled Phone

- Place the headset and phone close to each other; say within 1-meter
- Make sure that the phone and headset are both ON
- Prepare the headset in pairing mode:** press and hold **Vol+** and **Vol-** until Red and Blue indicators flash alternately  
**Important!** Headset stays in pairing mode for about 2 minutes; may halt pairing process by pressing the **MBF** for 2 seconds. Headset goes to OFF state
- Prepare the Phone in pairing mode:** refer to phone's user guide for detail and pairing procedure may subject to different makes and models  
Enter the Bluetooth menu on the phone and enables the Bluetooth function. Enter the submenu to set the phone in search for Bluetooth devices; activates the search.  
The phone searches for Bluetooth enabled devices within 10 meters range and lists all on its display. "BlueJay Headset" should appear; else repeats pairing procedure
- Select "BlueJay Headset" from the list
- Enter the passcode "0000" and enter "OK" to pair the headset and phone. When pairing completes, the headset Blue indicator blinks rapidly, then follows by a long high beep.  
If both devices fail to pair or not pair within the time limit, Red indicator blinks; follows by a long low beep. Returns to pairing procedure
- Return the phone to main menu. Some phone models show a headset icon on the display. The Blue indicator flashes every 4 seconds on a paired headset. The headset is on standby mode, awaiting to make or receive calls

### ◆ Connecting the Headset and Phone

Once paired, both the headset and phone will connect to each other automatically when switch ON and within (10 meters) range. Ensure Bluetooth feature is enabled on the phone.

**Important!** If both devices do not connect under nominal condition, the headset pairing list may be full. The headset can store up to 8 phones at any instant. If the pairing list is full, reset the headset to original settings (see page X). If the problem persists, contact your local dealer.

### ◆ Disconnecting the headset and Phone

When not using the headset and Phone, it can be disconnected as follows:

- a. Switch off the headset
- b. Disconnect the headset or switch off the Bluetooth function in the phone
- c. Distance the headset and phone more than 10 meters apart

### ◆ Using Headset with Several Phones (only BJH-601)

The headset can be paired with up to 8 phones; but connected to only one phone at a time. The Headset supports multiple identities feature; which allowing the headset to answer call from either of the paired phones within vicinity. However, this is subject to make and model of the phones.

## 3. Using the Headset

Unless stated, else all models support features listed.

### ◆ Making Call

**Dialing from the Phone:** Make calls on the phone in normal ways.

**Voice Dialing from the Headset:** If the phone supports voice dialing, simply toggle the **MBF** on the headset once. When the beep tone is heard, say the desired name (voice tag).

**Redialing the Last Dialed Number:** When no call in progress, press the **MFB** on headset twice.

### ◆ Answering Call

To answer a call, wait for the headset ring tone, then press the **MFB** to accept call; or answer call via phone in the normal way.

### ◆ Rejecting Call

To reject an incoming call, wait for the headset ring tone, then press the **MFB** twice.

### ◆ Ending Call

To end an active call, press the **MFB** to drop the call; or end call via phone in the normal way.

### ◆ Transferring Call

To transfer active call from headset to phone and vice versa, check out the function in phone

### ◆ Holding Call

To hold an active call, press and hold **Vol-** (Volume Down) for 2 seconds. During call-hold, you may answer another incoming call or make another call from phone. To re-activate the call, press and hold **Vol-** for 2 seconds.

### ◆ Call Waiting

To answer an incoming call during an active call, press and hold **Vol-** (Volume Down) for 2 seconds. This will put the active call on waiting; while answer the second incoming call.

### ◆ Call Swapping (only BJH-601)

To swap between 2 active calls, press and hold **Vol-** for 2 seconds.

### ◆ Call Conference (only BJH-601)

To have all active calls in conference, press and hold **Vol+** for 2s.

### ◆ Adjusting Headset Volume

Press the **Vol+** to increase or the **Vol-** to decrease the volume to desire level. The headset volume will increase/decrease in step.

### ◆ Mute

To mute/un-mute the headset, press both the **Vol+** and **Vol-** once.

### ◆ Resetting the Headset

The headset can be reset to its original settings. Resetting the headset will clear all pairing information. Press and hold the **MFB** and **Vol+** for 5 seconds. The headset returns to off state.

### ◆ Out of Range

When the headset and phone is out of range (about 10 meters), or obstruction between the devices, the headset disconnects and emits beep tone.

## 4. Safety Information

- ◆ Check for any exception, due to local laws and limitation, in usage of Bluetooth devices
- ◆ Ensure attention and focus, when using headset while driving
- ◆ Use only adaptor approved for use with this particular device. The use of any other types will invalidate any approval or warranty and may be dangerous
- ◆ Use only battery approved for use with this particular device. The use of any other types will invalidate any approval or warranty and may be dangerous
- ◆ Keep the headset and accessories out of reach from children
- ◆ Turn off the headset prior to boarding an aircraft. Do not use the headset in an aircraft
- ◆ Observe all signs in designated areas that may prohibit the use of electronics or RF equipments. These could include hospitals, patrol stations, laboratories, potentially explosive surroundings and etc.

## 5. Care and Maintenance

- ◆ Do not attempt to open the headset, only the authorized service partners should perform the service. Please check with your local dealer
- ◆ Do not expose the headset to extreme high or low temperatures
- ◆ Do not expose the headset to liquid, moisture or humidity; it is not waterproof
- ◆ Do not expose the headset to dusty and dirty environment; moving parts may be clogged and prevent proper usage
- ◆ Do not dispose the headset to fire; may result in explosion
- ◆ Do not dispose or store the headset in high heat. High temperature may shorten the life of electronic components, damage battery, deform plastic parts
- ◆ Do not use harsh cleaning solvents or strong detergents to clean the headset. Only use a soft damp cloth to clean the headset
- ◆ Do not throw, drop or knock the headset; Rough handling can damage the headset
- ◆ Do keep the headset in proper storage, dry place, free from dust and extreme temperatures when not in use

## 6. Troubleshooting

If the headset is unable to operate properly; for example unable to power on, unable to pair/connect to the phone and etc, please try the following:

- ◆ Ensure the battery is properly charged; fully drained battery may take a while to charge up
- ◆ Ensure the headset and /or the phone is tuned on
- ◆ Ensure the headset is paired to the phone; refer to pairing procedure
- ◆ Ensure the Bluetooth feature on the phone is activated; and connected to the headset
- ◆ Ensure both the headset and phone is within 10 meters operating range. There are no obstructions or hazards in between
- ◆ Ensure the phone list on the headset is not full (up to 8 phones); else reset to original settings
- ◆ Ensure the phone firmware is not corrupted or having the latest firmware; send phone for firmware update
- ◆ Power off and on the devices if the above steps do not solve the problem

If problem persist after taken all above steps, send the headset to authorized service center. Check with the local dealer

## 7. Product Specifications

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Model Name	: BlueJay
Bluetooth Compliance	: Bluetooth Specifications version 1.2
Supported Profiles	: Headset and Handsfree
Frequency Band	: 2.4GHz ISM Spectrum; frequency hopping 79 channels
Modulation	: GFSK (Gaussian Frequency Shift Keying)
RF Power	: Class 2, 0-4dBm
Operating Range	: Up to 10m (open area)
Talk Time*	: Up to 5hrs
Standby Time*	: Up to 240hrs
Connection	: Point-to-Point
Security	: Security mode 3 (pairing, encryption, authentication)
Power Source	: Rechargeable Li-Polymer 180mAh; replaceable
Charging	: Universal Adaptor 5V/200mA
Charging Time	: Up to 2hrs
Compatibility	: Mobile phones supporting Bluetooth 1.1 (and above) specifications; Headset and/or Handsfree profiles
Dimension	: 64.0Lx26.0Wx17.0H mm (TBC)
Weight	: 25g (TBC)

\* may vary based on users' operating mode, make and model of phones

## FCC Compliance

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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.

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

No special accessory is required to enable the equipment to comply with the emission limits.

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.



... wirelessly wired



## BlueJay™ Headset

BJH-601, BJH-620

User Guide



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