

FCC INFORMATION

FCC Compliance

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.

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 experience radio/TV technician for help 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.

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Unpacking Contents

Your package should have:

- BluePendant BP100 (Fig 1)
- Power Adaptor (Fig 2)
- Rechargeable Battery (Fig 3)



2 Unpacking Contents



Fig 1 : *Picture of Connecting Earpiece & Mic from the BluePendant*



Fig 2 : Power Adaptor

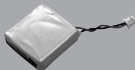


Fig 3 : Rechargeable Battery

Getting Started

Before the BluePendant can be used for the first time, the BluePendant battery must be charged with the supplied power adapter according to steps found in page 12 for Charging.

Power ON / OFF

- To Power ON, press and hold PWR/VOL button until a BEEP is heard in the BluePendant earpiece. The indicator light turns Blue for 3 seconds. Thereafter, the indicator light will either flash Blue, once every 2 seconds (when paired) or alternating Blue and Orange (when not paired).
- To Power OFF, press and hold the PWR/VOL button until the indicator light turns OFF. A series of beeps will be heard in the BluePendant earpiece and the PWR/VOL button is to be released.
- The BluePendant cannot be turned OFF during Charging and when there is a call in process.

Pairing Process

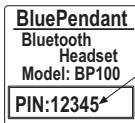
Before the BluePendant can be used, it must be paired with a Bluetooth-enabled mobile phone. There is no need to pair the BluePendant again unless the pairing information has been deleted from the mobile phone.

Pairing to a Mobile Phone

- Delete pairing information in the BluePendant first. Refer to page 5 for deleting pairing information.
- The BluePendant is ready for pairing when the indicator light alternates Blue and Orange. Refer to Phone Operations Guide to prepare the mobile phone for pairing to the BluePendant.
- During the pairing process, depending on the model, the mobile phone will request for the PASSKEY, or PAIRING CODE, or PASSCODE. The code or the PIN is labeled at the back of the BluePendant battery door.
- Key-in the provided PIN into the mobile phone. The BluePendant indicator light will continue to alternate Blue and Orange until the BluePendant is paired to the mobile phone.

- Once pairing is completed, the indicator light will flash Blue once every 2 seconds.

- The BluePendant is now in Standby mode and is ready to accept or initiate calls.



**PASSKEY or
PIN CODE**

Deleting Pairing Information

- Once pairing information is deleted, the BluePendant resets to its default settings.

- To delete pairing information, press and hold both PWR/VOL and CALL buttons until the indicator light alternates Blue and Orange.

- The BluePendant is ready for pairing.

Modes

- **Pairing** mode
 - Indicator light alternating Blue and Orange
 - BluePendant is ready for pairing to Bluetooth-enabled phone
- **Standby** mode
 - Indicator light flashes Blue once every 2 seconds
 - BluePendant ready to accept/initiate calls
- **Call** mode
 - Indicator light shows a steady Blue
 - BluePendant has either accepted or initiated a call
- **Charging** mode
 - Indicator light steady Orange
 - The BluePendant battery is being charged
- **Low Battery** mode
 - Indicator light flashes Orange
 - 3 long beeps can be heard in earpiece
 - Battery needs recharging and if BluePendant continues to operate in this mode, the power will be automatically switched OFF ultimately

Using Your BluePendant

Once the BluePendant is paired to the mobile phone, it can now accept or initiate calls as long as it is within range of approximately up to 10m (30ft) outdoor, or up to 5m (15ft) indoor.

Incoming call

Depending on the mobile phone, calls can be received through the BluePendant or through the mobile phone. Switching calls from the BluePendant to the mobile phone and vice versa is possible. Please refer to the mobile phone user documentation and the BluePendant Phone Operations Guide for more information.

- When there is an incoming call, the indicator light shows a steady Blue.
- When the incoming call ring is heard in the BluePendant earpiece, press the BluePendant CALL button to answer the call.
- To end the call, press the BluePendant CALL button and the indicator light flashes Blue once every 2 seconds.

- If the BluePendant loses connection during a call, press and hold the BluePendant CALL button for 2 seconds to re-establish connection. A series of BEEPS can be heard in the BluePendant earpiece when it attempts to re-connect to the mobile phone.

Outgoing call

Depending on the mobile phone, calls can be received through the BluePendant or through the mobile phone. Switching calls from the BluePendant to the mobile phone and vice versa is possible. Please refer to the mobile phone user documentation and the BluePendant Phone Operations Guide for more information.

- When making an Outgoing call, dial the number and press the mobile phone call button.
- The call will be connected to the BluePendant and the indicator light turns to steady Blue.
- To end the call, press the BluePendant CALL button and the indicator light flashes Blue once every 2 seconds.

- If the BluePendant loses connection during a call, press and hold the BluePendant CALL button for 2 seconds to re-establish connection. A series of BEEPS can be heard in the BluePendant earpiece when it attempts to re-connect to the mobile phone.

Call Waiting

The Call waiting function is available if the mobile phone supports it and if call waiting services has been subscribed. Please refer to the mobile phone user documentation and BluePendant Phone Operations Guide for more information.

- An incoming call can be answered while a call is in progress, provided the call waiting service is available.
- Press the CALL button to answer the second call.

Voice Control

The Voice Control function can be used only if the mobile phone supports it. Please refer to the mobile phone user documentation and the BluePendant Phone Operations Guide for more information.

- Press and hold the CALL button for 2 seconds and a series of BEEPs can be heard as the BluePendant attempts to connect to the mobile phone.
- Once the connection is made, the BEEPs will stop and the Voice Control function can be operated in the usual way.
- If the BluePendant is unable to connect to the mobile phone, a long BEEP can be heard. Please try again.

Volume Control

- The BluePendant volume can be increased by pressing the PWR/VOL button.
- A BEEP sound is heard when the volume is increased by one level.
- This can be repeated until the desired volume level is reached.
- Once the maximum volume is reached, 3 short BEEPS would be heard.
- Pressing the PWR/VOL button again will re-start the volume level to the minimum.

If the mobile phone supports remote volume control, the BluePendant will adjust the mobile phone volume only. If the mobile phone does not support remote volume control, the volume has to be adjusted on the BluePendant itself.

Charging

Connect the power adapter only to designated power sources as marked on the power adapter. The BluePendant is powered by a rechargeable battery. It is recommended that the battery be charged with the provided power adapter.

- Plug the power adapter into the BluePendant power jack.
- When charging for the first time, charge for a minimum of 2 hours.
- During charging, indicator light will show steady Orange until the battery is fully charged.
- BluePendant will maintain the battery power if the power adapter remains plugged.
- The BluePendant can be used while charging. The indicator light will turn steady Blue whenever there is an incoming or outgoing call made. It will turn back to steady Orange after the call has ended.

Low Battery

- 3 long BEEPs can be heard in the earpiece when the battery power is low and requires re-charging soon.
- The indicator light will flash Orange, once every 2 seconds.
- The BluePendant will be automatically switched OFF after some time if it is not recharged.

Troubleshooting

No sound contact between BluePendant and phone

The BluePendant and the phone have to be paired to recognize each other. Please refer to the Pairing Process of the BluePendant User's Guide on how to pair the mobile phone to the BluePendant.

The BluePendant and the mobile phone also have to be within range of each other. The outdoor range is up to 10m (30ft), but solid objects or the surroundings can affect the range. For best performance, it is recommended to keep the range between the BluePendant and the mobile phone to no more than 5m (15 ft) within the same room.

The BluePendant indicator light flashes Orange

This indicates that the BluePendant has limited talk time and standby time left. Charge the BluePendant battery for approximately 1.5 to 2 hours.

There are 2 reasons why the BluePendant might be switched off automatically:

- The battery is too low. The indicator light on the BluePendant will flash Orange and 3 continuous BEEPs could be heard.
- The BluePendant has been exposed to extreme temperatures. Leave the BluePendant in room temperature for a while and turn it on again.

Some BluePendant functions do not work

Some BluePendant functions are dependent on the mobile phone. If the mobile phone does not support these functions, the BluePendant will also not support these functions. Kindly check the BluePendant User's Guide and the mobile phone user documentation if the functions in question can be supported.

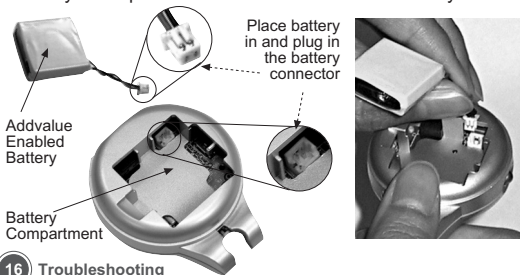
Voice commands not working properly

If it is not possible to use the voice commands that have been recorded through the mobile phone, try recording the voice commands using the BluePendant instead.

Changing Battery

Batteries, because of their chemical nature, have a limited life span. If the operating time of the BluePendant is significantly shorter than what it usually was, it could be that the BluePendant's re-chargeable battery is reaching the end of its limited life span. It is time to change the BluePendant's re-chargeable battery.

To change to a new battery, open the battery door and take out the old battery. Plug the battery connector of the new Addvalue Enabled Battery into the socket located on the bottom left corner of the battery compartment. Place the new battery neatly in the battery compartment and close the battery door.



Additional Information

Addvalue Consumer website:
www.addvaluetech.com/consumers

Before using the BluePendant, check for any exceptions, due to national requirements or limitations that may limit or prohibit usage of Bluetooth equipment.

Product Usage

- Do not attempt to disassemble the BluePendant. Any unauthorized alterations, modifications or disassembly of the BluePendant will automatically result in loss of product warranty.
- Do not expose the BluePendant to extreme temperatures. The BluePendant is meant for use within the temperature range of 0C (+32F) to +55C (+131F).
- Do not expose the BluePendant battery to extreme temperatures. The BluePendant battery is meant for use within the temperature range of 0C (+32F) to +55C (+131F).
- Do not drop, throw, pull or handle the BluePendant roughly as this will damage the BluePendant.

- Radio Frequency (RF) energy may affect some electronic systems. Most modern equipment is shielded from RF energy. However, certain electronic equipment is not. Therefore, permission is necessary when intending to use the BluePendant near or within the vicinity of medical equipment and other electronic equipment.
- The BluePendant and any other electronic device connected to it operate using radio signals, hence, connection is not guaranteed under all conditions. Therefore, you should never rely solely upon the BluePendant for essential communication, such as medical emergencies.

Limited Warranty

The warranty period is twelve (12) months from the date of purchase. Save the original receipt as it is needed for warranty repair claims. Should the BluePendant need warranty service, please return it to the dealer from whom it was purchased or visit **www.addvaluetech.com/consumers** to get further information.

This limited warranty does not apply to deterioration due to normal wear and tear. This limited warranty shall further not apply if the defect was caused by subjecting the Product to use in contradiction with the User's Guide, rough handling, exposure to moisture, dampness or rapid changes in such conditions, corrosion, oxidation, unauthorized modifications or connections, unauthorized opening or repair, repair by use of unauthorized spare parts, misuse, improper installation, accident, forces of nature, spillage of food or liquid, influence from chemical products or other acts beyond the reasonable control of Addvalue (including but not limited to deficiencies in consumable parts, such as

batteries which by their nature have a limited lifetime, and breakage or damage to the connecting earpiece, microphone or lanyard) unless the defect was caused directly by defects in materials, design or workmanship. Or if the Product PIN code or serial number has been removed, erased, defaced, altered or is illegible.



BluePendant BP100

Bluetooth Technology

User's Guide

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CE 0682



DECLARATION OF CONFORMITY

We, **Addvalue Communications Pte Ltd** of

750D Chai Chee Road
#03-03 Technopark @ Chai Chee
Singapore 469004


Declare that the product,
Type : Bluetooth Headset, Neckwear Model
Trade Name : BluePendant
Model No. : BP100

is in conformity with the following standards:

ETSI EN 300 328-1 & 2 (2001-12) - ERM; Wideband Transmission systems; Data transmission equipment operating in the 2,4 GHz ISM band and using spread spectrum modulation techniques; Part 2: Harmonized EN covering essential requirements under article 3.2 of the R&TTE Directive **1995/5/EC**,

ETSI EN 301 489-1 & 17 (2002-08) - EMC standard for radio equipment and services; Part 17: Specific conditions for 2,4 GHz wideband transmission systems and 5 GHz high performance RLAN equipment according to EMC Directive 89/336/EEC and

EN 60950 - Safety of information technology equipment according to Low Voltage Directive **73/23/EEC**.

Name	: Colin Chan	Place	: Singapore
Position	: CEO	Date	: 25th November 2002
Signature	: 	Company seal	: Addvalue Communications Pte Ltd 750D Chai Chee Road #03-03 Technopark @ Chai Chee Singapore 469004



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