

# **AirBase**

Bluetooth Telephony Enabler

*User's Manual*



**Federal Communication Commission Interference Statement**

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

**IMPORTANT NOTE:****FCC Radiation Exposure Statement:**

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.

This transmitter must not be co-located or operating in conjunction with any other antenna or transmitter.

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**THIS PRODUCT COMPLIES WITH 47CFR PART 68.  
THIS PRODUCT HAS BEEN CERTIFIED BY A TCB.**



## Introduction

Thank you for your purchase of AirBase - Bluetooth telephony enabler.

This user guide is intended to help you set up the enabler and to quickly familiarize yourself with its operations. This document will guide you through the installation and provide you with instructions on how to use the AirBase's features.

## Contents

- I. Part List
- II. Installation
- III. Changing AirBase PIN Code
- IV. Pairing Bluetooth Headset w/ the AirBase
- V. Making a call
- VI. Answering a call
- VII. Using with Palm Tungsten T
- VIII. Pairing with Multiple Headsets
- IX. Disclaimer

### I. Part List

The following items should be in your container that comes with the Bluetooth enabler package. If an item is missing, please contact the sales representative.

Quantity	Description
1	Bluetooth enabler
1	Power adapter w/ cord
1	Phone cord
1	User's manual

It is recommended to use the power supply provided, otherwise there is risk of damaging the Bluetooth enabler.

### II. Installation

Follow the procedures below to hook up your AirBase to your phone, cordless or otherwise.

This would allow you to receive or make call with your Bluetooth headset through a regular phone line. This also frees you from being restrained by the length of your phone cord during conversation.

1. Un-hook the original phone line from the phone.

2. Hook up the AirBase (RJ11 next to the power jack) to the phone using the phone cord provided.
3. Hook up the original phone line to another phone jack (the other RJ11) on the AirBase.
4. Connect the AirBase's power supply to a receptacle that provides an 110V source with 60 Hz.



### III. Changing AirBase PIN Code

The AirBase has a factory pre-programmed, default PIN code '0000'. If your Bluetooth headset has the same PIN code, you don't have to change it before doing pairing. In that case, please directly refer to next section. Otherwise, you have to update the PIN code of the AirBase prior to pairing with your headset.

To change the PIN code of the AirBase, first, you have to press and hold "Connect" button for about 5 seconds. When both LED1<sup>1</sup> and LED2<sup>2</sup> are on, you can then release the button. The AirBase is now in the PIN-code-entry mode, which is characterized by the following scenarios:

<sup>1</sup> LED1 is the upper one that displays red light.

<sup>2</sup> LED2 is the lower one that displays green light.

- LED1 would flash once to indicate 0, then LED2 would flash 1-9 times for numbers 1 to 9.
- Press “Connect” button to select a desired number, after it has been indicated by the number of times that LED2 has flashed. For instance, press “Connect” button to store number 6 after the 6<sup>th</sup> flash of LED2 and before the 7<sup>th</sup> flash.
- Flash count would restart every time a PIN number is selected, beginning with LED1’s flashing once to indicate 0 again.
- This procedure should be repeated until the whole PIN code has been entered. Press “Pair” button once to complete the PIN code entering process.

Immediately after the AirBase has exited the PIN-code-entry mode, it automatically does a discovery and performs a pairing operation. If no Bluetooth headset (which should have been put in the pairing mode at the time) is found within 10 seconds, the AirBase would enter the idle mode. Note that once the PIN code has been successfully entered, it would be stored in the AirBase and would be used during pairing operation every time the “Pair” button is pressed until a new value is entered again.

#### IV. Pairing<sup>3</sup> Bluetooth Headset with the Airbase

1. Make sure the Airbase is powered on and is in idle mode. That is, LED2 should be blinking every two (2) seconds.
2. Set the Bluetooth headset in its “pairing mode”. Please refer to your headset manual for the proper procedures.
3. Follow the procedures listed below:
  - **If your Bluetooth headset’s PIN code is the same as the one AirBase has**, then press the “Pair” button on the AirBase, LED1 should start blinking. Within a few seconds, both LED1 and LED2 shall be on for a short moment, which indicates the pairing process has completed.
  - **If your Bluetooth headset has a different PIN code than the one AirBase has**, then follow the instructions in Section III to change the AirBase’s PIN code.
4. After pairing has completed<sup>4</sup>, AirBase returns to the idle mode regardless of whether pairing has been successful or not.
5. To verify the pairing process is successful, you can press the “Connect” button once and the dial-tone can be heard from the headset shortly. Press the “Connect” button again to disconnect.

#### V. Making a Call

<sup>3</sup> It is recommended that pairing is done in a secured area.

<sup>4</sup> The AirBase can be paired with up to 4 different headsets. The 5<sup>th</sup> headset removes the memory of the 1<sup>st</sup> one.

1. **If your headset has been paired with the AirBase only**, then press and release the headset's multifunction button once to ascertain that the AirBase goes off-hook. LED2 should be showing a solid green. Skip to 3.
2. **If your headset has been paired with another device (e.g. your mobile phone) after it was paired with the AirBase**, then press the "Connect" button to make the AirBase go off-hook. LED2 should be showing a solid green.
3. Lift the handset, upon hearing a dial tone from the headset, you should key in the numbers that you want to dial using the keypad on your phone, then, wait for the ringing tone.
4. When you are done with your conversation, press and then release the multifunction button on the headset once or else press the "Connect" button on the AirBase to terminate the call. The AirBase would then return to idle mode.

## **VI. Answering a Call**

1. Make sure the headset, which has been paired with the AirBase, is powered on and in stand-by mode.
2. When you hear a ringing tone in your headset, press the multifunction button once to answer the call. The AirBase will go off-hook almost immediately.
3. When you are done with your conversation, press the multifunction button on the headset once to terminate the call, and the AirBase will go back to idle mode.

## **VII. Using with Palm Tungsten T**

You can use Palm Tungsten T to do remote dialing or to change the PIN code of the AirBase. To make an outgoing call, do following steps:

1. Ascertain that the "dialer" program has been installed in your PDA. There should be a "Dialer" icon in the main menu. Please refer to Palm's manual on how to install this program.
2. Under the "Preferences" menu, select "Communications", then, tap on "Bluetooth" with your stylus. Make sure the "Bluetooth" option is "On". Tap "Done".
3. Under the "Preferences" menu, select "Connection" then tap on "New..." to edit a new connection. Choose "Phone" option under "Connect to" submenu, then, choose "Bluetooth" option under "Via" submenu, next, choose "Standard GSM" option under "Model".
4. Tap on the "Tap to find" submenu on the screen to discover surrounding Bluetooth devices and select the one marked as "AirBase XXXXXX", then, tap "OK".

5. You would be queried with a pop-up dialogue asking "Do you want to add AirBase XXXXXX to your trusted device list?" Tap "Yes" on the screen.
6. Enter the '0000' for the question: "Enter passkey for AirBase XXXXXX". Tap "OK".
7. Tap "OK" again on the "Edit Connection" screen. Confirm whether or not you want this phone to be your default connection.
8. If you set the AirBase connection to handle your default phone applications, then skip and go to step 9. Otherwise, go to the "Preferences" menu, choose "Phone" then specify the edited AirBase connection for your phone applications.
9. Use the Palm address book utility to select the phone number you want to call. Or, use the dialer program directly to enter the phone number.
10. If your headset is on, you should hear the dialing tone automatically. If no paired headset is available, you need to go pick up the handset (or turn on the speaker phone) of your phone that is connected to the AirBase, within 5 seconds after Palm sends in the number to start your conversation.

***Note: You need to perform step 1 through step 7 only once. Thereafter, you start with step 8 whenever you want to use the AirBase to make an outgoing call.***

To change the PIN code of the AirBase, do following steps:

1. Follow step 1 through 7 mentioned earlier. Skip to next step if you have already done it once.
2. Under the "Preference" menu, select "Connection" option. Tap on the connection you set for making call through Bluetooth then tap on "Edit...".
3. On next screen, select "Standard GSM" option in "Model", then tap on "Details...". Append ";PINCODE;" to the end of the Init String. Tap "OK".
4. Tap "OK" in the "Edit Connection" screen and answer the question whether or not you want this connection to be the default connection for your phone applications.
5. Use the Palm address book utility to select the entry that has the PIN code set to be its number. Or, use the dialer program directly to enter the PIN code.
6. After Palm disconnects from the AirBase, press "Pair" button once to trigger a discovery and pairing, which completes the process.
7. Restore the original Init String of "Standard GSM" option by removing ";PINCODE;" in the end. Without completing this step, you won't be able to make calls later.

## **VIII. Pairing with Multiple Headsets**

AirBase could be paired with up to four (4) headsets at one time. Headsets that are paired with the Airbase thereafter would replace those of the previous 4's, starting with the first, followed by the second, and so forth.

Once paired with the AirBase, headsets could make calls freely any time without having to re-pair again, as long as these headsets do not pair with other Bluetooth devices such as the Bluetooth enabled cell phones afterwards. Any headset that pairs with another Bluetooth device after it has paired with the AirBase would have to re-pair with the AirBase before it could again initiate outgoing calls. Alternatively, if the headset happens to be the last one, which previously connected to the AirBase, then, pressing the “Connect” button would suffice.

Incoming calls to the AirBase are only diverted to the headset that last connected to it – for the purpose of receiving an incoming call; dialing out for an outgoing call or, it was just for pairing. To ensure that incoming calls are to be diverted to a specific headset that has previously been paired, re-registration of the headset with the AirBase is required. Simply press the multifunction button on the headset twice: first for connecting to the AirBase; second for disconnection. This would complete the re-registration process.

## **IX. Disclaimer**

This user manual is published for the operations of a Bluetooth enabling product used in conjunction with a normal house phone cordless or otherwise. Materials present in this user manual are furnished for informational use only, which is subject to change without notice. We assume no responsibility or reliability for any error or inaccuracy that may appear in the manual.

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