

# User Manual

*Thank you for purchasing BTH300*

## CONTENTS

Instruction .....	2
Overview of BTH300 Series .....	2
Components of BTH300 Series.....	3
Functions of BTH300 Series .....	3
Getting Started.....	3
Pairing BTH with a Mobile Phone.....	4
Handle Phone Calls .....	5
Quick Index for MP3 Menu .....	6
Playing MP3 Music .....	6
Recording Sound and Telephone Communication.....	8
Downloading Music from PC/Notebook.....	9
Use BTH300 as Bluetooth Dongle (Adaptor) .....	10
Use BTH300 as Mass Storage.....	10
Troubleshooting.....	11

## FIC Bluetooth MP3 Headset (BTH300)

First edition (April 2004)

In some countries, there may be restrictions on using Bluetooth devices. Check with your dealer and the local authorities.

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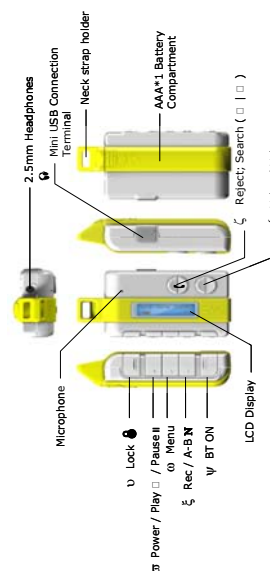
The *Bluetooth* word mark and logos are owned by the Bluetooth SIG, Inc. (Special Interest Group) and any use of such marks by FIC is under license.

## Instruction

BTH300 is a light and compact All-In-One Bluetooth Headset solution that combines the functions of:

- Wireless Bluetooth Headset
- MP3 Player
- Recorder
- Bluetooth Dongle (Adapter)
- Mass Storage (Pen Drive)

## Overview



- 2 -

## Components

- Bluetooth MP3 Player \*1
- Installation CD \*1
- User Manual \*1
- Integrated Earphone \*1
- USB Cable \*1
- AAA Alkaline Battery \*1
- Quick Guide \*1

## Functions

### When Not Connected to PC/Notebook

- **Bluetooth Headset**
  - Pair with Bluetooth cellular phone to make/answer phone calls. (Optimal Range = 10m)
  - Voice activated dialing
- **MP3 Player**
  - Download MP3 music from PC/Notebook.
  - Play high quality music with 3D effect.
  - Supports 6 EQ modes (Normal, Rock, Jazz, Classical, Pop, User)
- **Recorder**
  - Record sound using built-in microphone
  - Record telephone conversation during a call.



### When Connected to PC/Notebook

- **Bluetooth USB Dongle (Adapter)**
  - Establish wireless communication with Bluetooth mobile devices such as mobile phone and PDA.
- **Mass Storage (Pen Drive)**
  - Transfer files to and from PC/Notebook through USB cable.

- 3 -

## Getting Started


Before using BTH300, you must first:

- Insert an AAA battery.
- Connect the earphone.
- Turn on BTH300 by pressing "POWER" button (  on page 2). The LCD display shows `FIC BTH300...` (To turn off BTH300, press and hold "POWER" button until the display shows `- Bye-Bye -`.)
- **Pair the BTH300 with a Bluetooth cellular phone.**
- The microphone is located below "LOCK" button (  on page 2), and designed for use above chest level. Hang BTH300 around your neck using the neck strap.





### Locking the Buttons

You can lock the buttons to prevent accidental operation when carrying the BTH300.

### To Lock the Buttons

Slide "LOCK" button toward "POWER" button to lock all buttons. The  symbol will show on your LCD display. Slide "LOCK" button back to unlock.







### Battery Status

-  Full.  Partially empty.
-  Battery is low. Bluetooth function will switch off automatically.
-  Battery is nearly empty. MP3 playback can stop any time. Recommend to replace a new one.

### Resetting the BTH300

BTH300 can be reset to its factory settings. This also clears current pairing.





### To Reset the BTH300

1. Press "MENU" button (  on page 2) and use  or  (  on page 2) button to scroll to "CONFIG".
2. Press "POWER" button to enter "SYSTEM SETTING".
3. Use  or  button to scroll to "DEFAULT". Press "POWER" button to reset.

## Pairing BTH with a Bluetooth Cellular Phone

Once you have paired your BTH300 with a Bluetooth cellular phone, you do not need to pair it again until you want to use it with another device.

### To Pair the BTH300 with a Phone for the First Time

1. Press and hold "A-B/REC" + , and at the same time press "POWER" button. The LCD display will show `BT Pair Mode`.
2. Slide "BT ON" button (  on page 2) to the right to enable BT function on BTH300. Bluetooth symbol  will appear on the upper right corner of the LCD display.
3. Enable Bluetooth function on your Bluetooth phone and add BTH300 to a list of paired devices. (For setup instructions, please refer to the user manual shipped with your Bluetooth phone.)
4. Default password used during setup is **1234**.
5. Pairing should take about 2 minutes. After finishing pairing, "Save... OK" and "-Bye Bye -" will appear on LCD display. Then BTH300 will switch off automatically.
6. Turn BTH300 back on. Follow user manual shipped with Bluetooth phone to connect to BTH300. "HF Call Connection" will show on LCD display. Press  button on the earphone to return to MP3 screen.

Your BTH300 is now ready to handle phone calls.



- 4 -

## Handle Phone Calls



Once you have paired the BTH300 with your Bluetooth mobile phone, you can make and receive calls using the BTH300 as long as:

- The *Bluetooth operation mode* on the phone and your BTH300 is on.
- The phone and the BTH300 are on.
- The phone is connected to BTH300.
- The phone and the BTH300 are within range of each other (up to 10 m; 30 ft) with no solid objects in between.



### Receiving Phone Calls

1. When you receive a call, press  button on your headset cord to accept the call.
2. When you **accept** a call, the BTH300 automatically pauses the music. "Call Connected" will show on LCD display.
3. Press  button again to end the call. If the BTH300 was playing music, it will resume playing.

### Making Phone Calls using Voice Dialing

1. Press  button on your headset cord.
2. After the beep **tone**, perform voice dialing as usual.
3. Press  button again to end the call.

### Rejecting a Call

Press  button (  on page 2) on your BTH300 to reject a call, and BTH300 will resume playing.

- 5 -

### Calling Line Identification

When you receive a call, your BTH300 shows the phone number or the name of **the** if your phone or subscription supports Calling Line Identification.

### Adjusting Volume of Phone Conversation

Use  $\square$  or  $\square$  button to select from lowest to highest volume ))) 0 - ))) 10.

## Quick Index for MP3 Menu

- Press "MENU" button to enter MP3 MENU.
- Use  $\square$  or  $\square$  button to scroll to your selection.
- Press "POWER" button to enter next level or confirm selection.
- Press "MENU" to return to previous level.

1 <sup>st</sup> Level	2 <sup>nd</sup> Level	3 <sup>rd</sup> Level	4 <sup>th</sup> Level	5 <sup>th</sup> Level	6 <sup>th</sup> Level	Symbols / Descriptions
MP3 MENU	MODE	MODE SETTING	MP3			
			RECORD			
			NORMAL			
	PLAY MODE	PLAYMODE DE MENU	RPT-ONE			N1
			RPT-ALL			NALL
			RPT-RANDOM			NRANDOM
			NOR			NOR
			ROC			ROC
			JAZ			JAZ
			CLA			CLA
			POP			POP
			USR	BASS		USR
				TREBLE		
	DEL	DELETE	YES			Select Yes to confirm deletion.
MP3 MENU			NO			Select No to return.
			MEM FORMAT	Yes		Will erase all data on your BTH300. Not recommended for use.
				No		
			SLEEP	SLEEP TIME	OFF	Does not automatically switch off.
					5	Automatically switch off in 5 min.
					10	Automatically switch off in 10 min.
					20	Automatically switch off in 20 min.
					30	Automatically switch off in 30 min.
					OFF	No backlit.
			BACKLIT	BACKLIT SETTING	5	Backlit off in 5 sec.
					10	Backlit off in 10 sec.
					30	Backlit off in 30 sec.
					60	Backlit off in 60 sec.
			SYSTEM DEFAULT	YES		Select Yes to reset BTH300.
				NO		Select No to return.
			VERSION	SYSTEM VERSION		Version number of firmware on BTH300

#### NOTE:

1. Highlighted cells are default values.
2. Default volume during playback is 15; Default volume for phone conversation is 5.
3. If you are formatting BTH300 from your PC, we recommend you to use FAT16 format. BTH300 might not be able to play MP3 file if other formats are used.

- 6 -

## Playing MP3 Music

You can only play MP3 music files with your BTH300. Before using BTH300 to play music, be sure MP3 music files have been downloaded to your BTH300.

### To Listen to Music

1. Use  $\square$  or  $\square$  button (⊙ on page 2) to go previous or next track.
2. Press "POWER" button (⊙ on page 2) to start/pause ( $\square$  /  $\square$ ) playback.
3.  $\mathcal{P}$  will show on the upper left corner of LCD display.
4. If available, the title of the song you are listening to will display on your LCD display.

**NOTE:** During playback, file name or title of the song will display on the LCD screen of your BTH300. Currently, the title display only supports English and Traditional Chinese.

### To Adjust PLAYMODE

1. Press "MENU" button (⏏ on page 2) and use  $\square$  or  $\square$  button to scroll to "PLAYMODE".
2. Press "POWER" button to enter "PLAYMODE SETTING".
3. Use  $\square$  or  $\square$  button to select from:
  - **Normal** – repeat function off.
  - **RPT-ONE (N1)** – repeat the current track.
  - **RPT-ALL (NALL)** – play all and repeat from start.
  - **RPT-RANDOM (NRANDOM)** – play all tracks in random order then repeat again.
4. Press "POWER" to confirm selection.
5. PLAYMODE status will show on your LCD display.

### To Repeat from A to B

1. When the music is playing, press "A-B" button (⊙ on page 2) to set the start of the repeating segment. "A" will show on the upper left corner of the LCD display.
2. Press "A-B" button again to set the end of the repeating segment. "B" will show on the upper left corner of the LCD display.
3. "A-B" symbol will show on the upper left corner of the LCD display, and the repeat segment will begin playing automatically.
4. Press "A-B" button again to clear the repeat loop.

### To Adjust EQ Mode

1. Press "MENU" button, and use  $\square$  or  $\square$  button to scroll to "EQ". Press "POWER" button to enter "EQ SETTING".
2. Use  $\square$  or  $\square$  button to select from NOR (Normal), ROC (Rock), JAZ (Jazz), CLA (Classical), POP and USR (Bass/Treble) modes. Press "POWER" button to confirm selection.
3. EQ status will show on lower right corner of your LCD display.

- 7 -

#### To Delete a MP3 File

1. Use  $\square$  or  $\square$  button to select track to delete.
2. Press "MENU" button, and use  $\square$  or  $\square$  button to scroll to "DEL". Press "POWER" to delete.
3. Use  $\square$  or  $\square$  button to select "Yes" or "No".
4. Select "Yes" and press "POWER" button to confirm deletion or select "No" and press "POWER" button to return to "MP3 Mode".

#### To Adjust Volume of Playback

Use  $\square$  or  $\square$  button to select from lowest to highest volume ()))0 - )))31).

## Recording Sound and Phone Conversation

#### To Record Sound

1. Press "MENU" button to enter MP3 MENU. Use  $\square$  or  $\square$  button to scroll to "Mode", and press "POWER" to enter "MODE SETTING".
2. Use  $\square$  or  $\square$  button to scroll to "RECORD", and press "POWER" to enter "RECORD MODE".  $\text{f}$  will show on the upper left corner of the LCD display.
3. Press "REC" button to begin recording. "● record" will show on the bottom of your LCD display.
4. Use BTH300's built-in microphone to record.
5. Press "POWER" button to pause recording. "|| record" will show on the bottom of your LCD display.
6. Press "REC" button to resume recording. Press "REC" again to end recording.
7. To exit "RECORD MODE", press "MENU" button to select "MP3 MODE".

**NOTE:** Recorded file will be in .wav format. You can record as much as the memory capacity of your BTH300 allows.

- 8 -

#### To Play Recorded Sound

1. Enter "RECORD MODE".
2. Press  $\square$  or  $\square$  button to select a recorded file to play.
3. Press "POWER" button to begin playing.
4. Press "POWER" button again to pause playing.
5. To exit "RECORD MODE", press "MENU" button to select "MP3 MODE".

#### To Record Phone Conversation

At any point of your telephone conversation, if you want to record conversation from both parties:

1. Press "REC" button to begin recording. "● record" will show on the bottom of your LCD display.
2. Use the microphone on earphone to record.
3. Press "POWER" button to pause recording. "|| record" will show on the bottom of your LCD display.
4. Press "REC" button to resume recording. Press "REC" again to end recording.
5. To exit "RECORD MODE", press "MENU" button to select "MP3 MODE".

#### To Delete Recorded File (.wav)

1. Enter "RECORD MODE".
2. Use  $\square$  or  $\square$  button to select a recorded file to delete.
3. Press "MENU" button, and use  $\square$  or  $\square$  button to scroll to "DEL". Press "POWER" to delete.
4. Use  $\square$  or  $\square$  button to select "Yes" or "No".
5. Select "Yes" and press "POWER" button to confirm deletion or select "No" and "POWER" to return to "RECORD MODE".

#### To Adjust Volume of Playback

Use  $\square$  or  $\square$  button to select from lowest to highest volume ()))0 - )))31).

- 9 -

## Downloading Music from PC/Notebook

1. Connect your BTH300 to PC/Notebook using the USB cable provided.
2. Wait till your BTH300 shows "Ready" on the LCD display.
3. Double click "My Computer" on Desktop. Your BTH300 is now a Removable Disk on your computer.
4. Copy mp3 files from PC/Notebook to BTH300. While copy is in progress, your BTH300 shows "Linking" on the LCD display.
5. You must wait till "Ready" shows on the LCD display before detaching your BTH300 from computer to ensure successful download.

### NOTE:

- ✓ *Your can store as many mp3 files as your BTH300 allows.*
- ✓ *During playback ,file name or title of the song will display on the LCD screen of your BTH300. Currently, the title display only supports English and Traditional Chinese.*

## Use BTH300 as Bluetooth Dongle (Adaptor)

Your computer can use BTH300 to establish wireless connection with any Bluetooth devices, such as a mobile phone, PDA or printer, to perform dialing, synchronization or printing as you would **with a cable or cradle**.

### Setup of BTH300 as Bluetooth Dongle

1. Install BTW software included in Installation CD.
2. Slide "**BT ON**" button to the right to enable. Bluetooth symbol will show on the upper right corner of the LCD display on your BTH300.
3. Connect BTH300 to your computer using the USB cable provided. Your computer will detect BTH300 and install its driver.
4. BTH300 is now a Bluetooth device that your computer can use to establish wireless connection with other Bluetooth devices.

For detailed information on how to establish wireless connection between your computer and a Bluetooth device via Bluetooth, please refer to "BTW's User Guide" in Installation CD.

- 10 -

## Use BTH300 as Mass Storage

BTH300 can be used as a mass storage, also known as "Pen Drive", when connected properly to PC/Notebook with the USB cable provided.

### Connecting to PC/Notebook through USB Cable

1. Connect both ends to BTH300 and your PC/Notebook properly.
2. Use BTH300 as you would **with** any pen drive for file storage or transferring.

① **NOTE:** *To ensure successful transfer, you must wait till "Ready" shows on BTH300 LCD display to began. While transfer is in progress, "Linking" shows on LCD display. Wait till "Ready" shows again before detaching BTH300 from your computer.*

## Troubleshooting

- 1. Why am I not able to hear any sound from my headset?**
  - Be sure to use the headset shipped with your BTH300.
  - Check if your headset is plugged in properly.
  - Check if you have configured **sleep time??** and your BTH300 has automatically switched off.
- 2. Why am I not able to play mp3 music on my BTH300?**
  - BTH300 only supports mp3 files. Check if your music files are **of** correct format.
- 3. Why am I not able to receive/make phone calls from my headset?**
  - Check if your phone is in Bluetooth Operation Mode.
  - Check if your BTH300 is turned on.
  - Check if your BTH300 and the phone **is** within range of each other. (Up to 10M).
  - Check if voice dialing has been setup properly on your phone.
- 4. Why don't I see the title of the mp3 music I am playing on the LCD display?**
  - Check if the mp3 files downloaded to your BTH300 have file names. The file names will be recognized as titles of the music you are playing on BTH300. If not available, no title will show on BTH300's LCD display.

- 11 -

5. **Why do I see corrupted title on LCD display during playback?**
  - BTH300 currently only supports **English??** display.
6. **Why is my BTH300 switched off automatically?**
  - Check if the battery is too low. Insert a new one if necessary.
  - Check if you have configured **sleep time**.
  - Check if BTH300 is connected to your computer with the USB cable. **BTH300 is designed to switch off automatically when connected to your computer and can only be switched on when not connected.**
7. **Why don't I see the phone number or the name of the caller?**
  - Check if your phone and subscription supports Calling Line Identification.
8. **Why is my computer not able to connect wirelessly to a Bluetooth device?**
  - Check if BTH300 and Bluetooth device your computer attempts to connect are within optimal range.
  - Check if your Bluetooth device is on.
  - Check if BTH300 is properly connected to your computer using the USB cable.
  - Check if BTW software is configured properly to work with the Bluetooth device.

- should perform service.
- Do not keep the product in a nd area prone to dust and dirt. Only use a soft damp cloth to clean your product.
  - If you will not be using the product for a while, store it in a place that is dry, free from damp, dust and extreme temperatures. Remove the battery.

#### Radio Frequency Exposure

Your BTH300 is a radio transmitter and receiver. When in operation, it communicates with a Bluetooth equipped mobile device by receiving and transmitting radio frequency (RF) electromagnetic fields (microwave) in the frequency range 2400 to 2500 MHz. The output power of the radio transmitter is low, 0.001 watt.

Your BTH300 is designed to operate in compliance with the RF exposure guidelines and limits set by national authorities and international health agencies when used with any compatible mobile phone.

#### Driving

Check the laws and regulations on the use of mobile phone, handsfree equipment, and music players in the areas where you drive.

Always give full attention to driving and pull of the road and park before making or answering a call if driving conditions so require.

RF energy may affect some electronic systems in motor vehicles such as car stereo, safety equipment, etc.

## Additional Information

### Guidelines for safe and efficient Use

**NOTE:** Read this information before using your BTH300 Bluetooth MP3 Headset.

Changes or modifications to this Bluetooth MP3 Headset not expressly approved by FIC may void the user's authority to operate the equipment.

Please check for any exceptions, due to national requirements or limitations, in usage of *Bluetooth* equipment before using this product.

### Product Care

- Do not expose your product to liquid or moisture or humidity.
- Do not expose your product to lit candles, cigarettes, or cigars, or to open flame, etc.
- Do not drop, throw or try to bend the product as rough treatment could damage it.
- Do not use any other accessories than FIC originals intended for use with this product. Use of non-original accessories may result in loss of performance, damage to the product, fire, electric shock or injury. The warranty does not cover product failures which have been caused by use of non-original accessories.
- Do not attempt to disassemble your product. The product does not contain consumer serviceable or replaceable compenents. Only FIC service partners

- 12 -

Check with your vehicle manufacturer's representative to be sure that your mobile phone or BTH300 will not affect the electronic systems in your vehicle.

### Electronic Equipment

Most modern electronic equipment is shielded from RF energy. However, certain electronic equipment is not, therefore:

Do not use your BTH300 near medical equipment without requesting permission. If you are using any personal medical devices, e.g. a pacemaker or a hearing aid, please read in your mobile phone's user manual for further information.

### Aircraft

Turn your BTH300 OFF before boarding any aircraft. Too prevent inteference with communication systems, you must not use your BTH300 while the plane is in the air.

Manufactured by FIC

- 13 -

### ***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.

**FCC Caution:** To assure continued compliance, (example – use only shielded interface cables when connecting to computer or peripheral devices). Any changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate this equipment.

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

### ***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 20 cm between the radiator & your body.*

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.