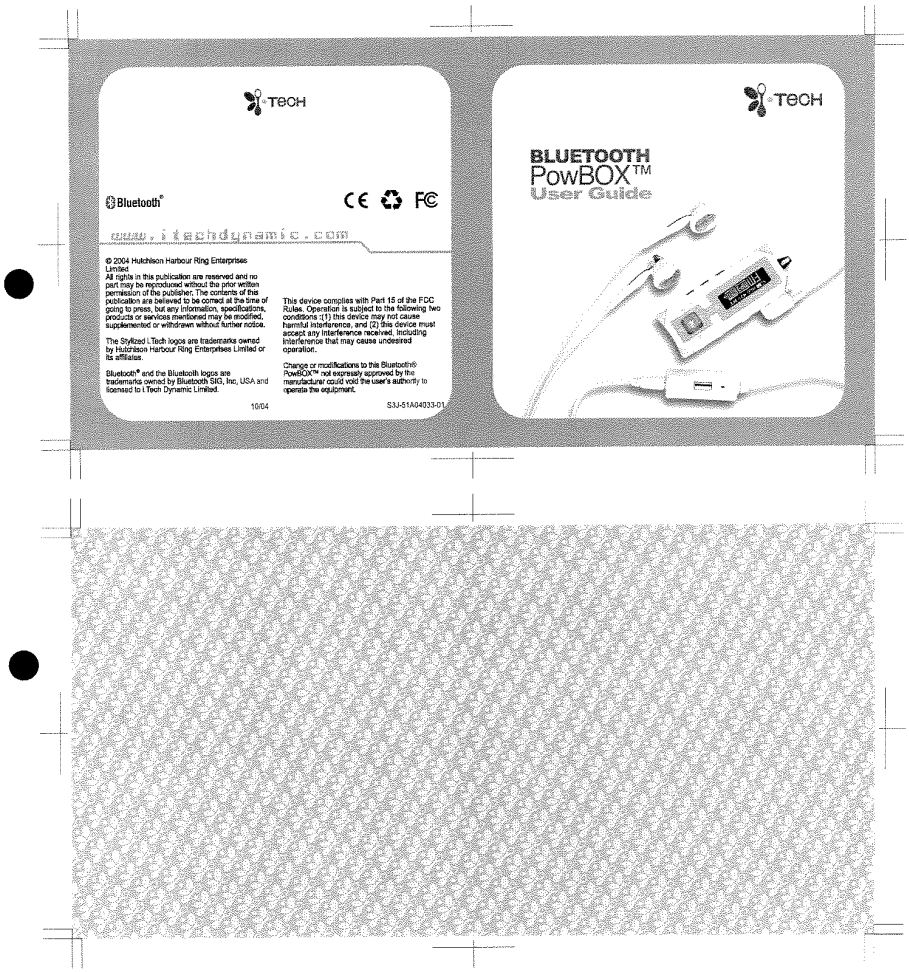
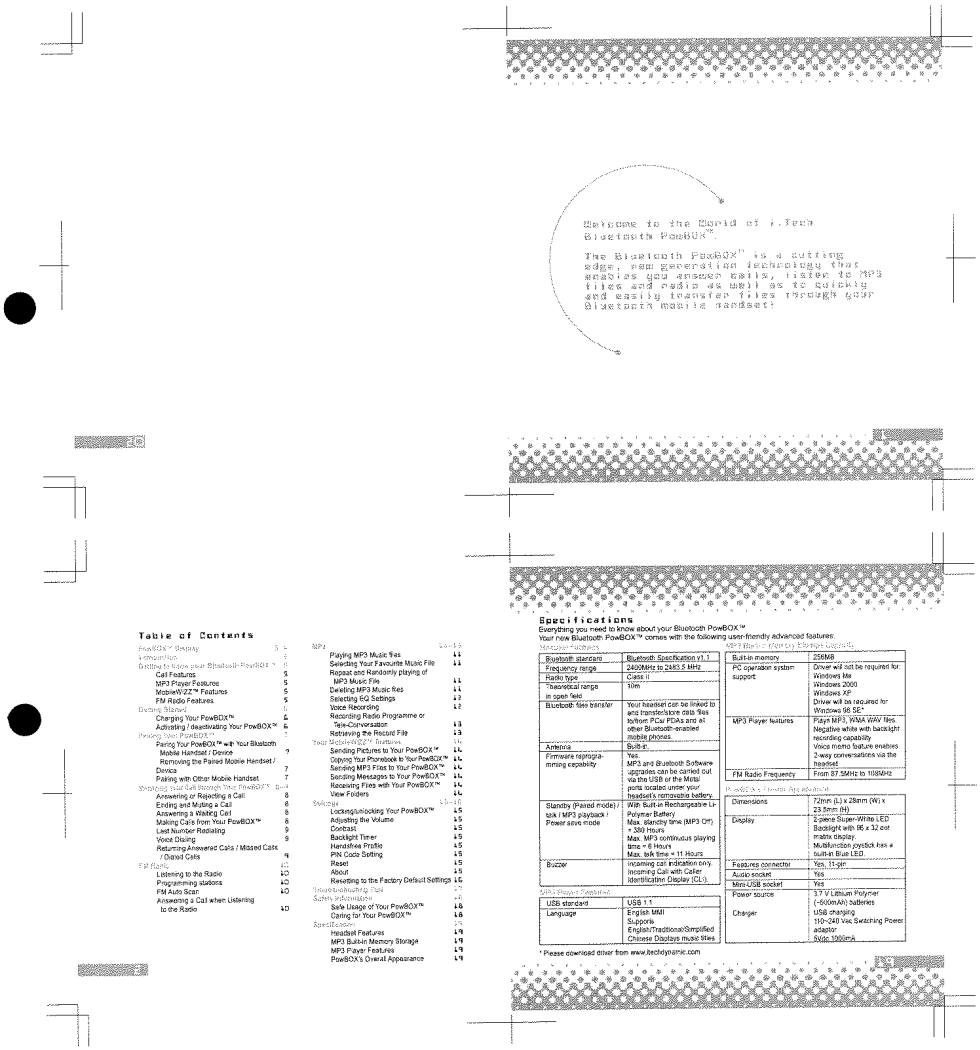
1.5 User Manual





Welcome to the World of Your Bluetooth PowBOX™

The Bluetooth PowBOX™ is a cutting edge, new generation technology that enables you ensure calls, listen to MP3 files and radio as well as to quickly and easily transfer files through your Bluetooth mobile handset.

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Specifications

Everything you need to know about your Bluetooth PowBOX™

Your new Bluetooth PowBOX™ comes with the following user-friendly advanced features:

Headset Features

Bluetooth standard	Bluetooth Specification v1.1
Frequency range	2400MHz to 2483.5 MHz
Radio type	Class II
Theoretical range in open field	10m
Bluetooth files transfer	Your headset can be linked to and transfer/store data files to/from PCs/ PDAs and all other Bluetooth-enabled mobile phones.
Antenna	Built-in.
Firmware reprogramming capability	Yes. MP3 and Bluetooth Software upgrades can be carried out via the USB or the Mini ports located under your headset's removable battery.
Standby (Paired mode) / talk / MP3 playback / Power save mode	With Built-in Rechargeable Li-Polymer Battery Max. standby time (MP3 Off) = 380 Hours Max. MP3 continuous playing time = 6 Hours Max. talk time = 11 Hours
Buzzer	Incoming call indication only. Incoming Call with Caller Identification Display (CLI).

MP3 Player Features

USB standard	USB 1.1
Language	English MMI Supports English/Traditional/Simplified Chinese Displays music titles

MP3 Built-in Memory Storage Capacity

Built-in memory	256MB
PC operation system support	Driver will not be required for: Windows Me Windows 2000 Windows XP Driver will be required for: Windows 98 SE*
MP3 Player features	Plays MP3, WMA WAV files. Negative white with backlight recording capability Voice memo feature enables 2-way conversations via the headset
FM Radio Frequency	From 87.5MHz to 108MHz

PowBOX's Overall Appearance

Dimensions	72mm (L) x 28mm (W) x 23.5mm (H)
Display	2-piece Super-White LED Backlight with 96 x 32 dot matrix display. Multifunction joystick has 4 built-in Blue LED.
Features connector	Yes, 11-pin
Audio socket	Yes
Mini-USB socket	Yes
Power source	3.7 V Lithium Polymer (~500mAh) batteries
Charger	USB charging 110~240 Vac Switching Power adaptor 5Vdc 1000mA

* Please download driver from www.beyerdynamic.com

Safety Information

Your Bluetooth PowBOX™ is designed to give you year-after-year of smooth, trouble-free operation. To ensure that the unit operates safely and to its full potential, please follow the following steps before connecting it to your handset

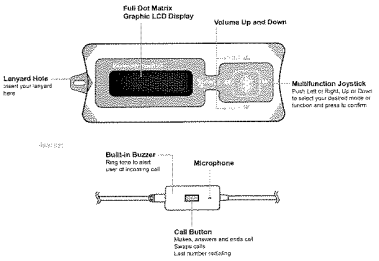
Safe Operation of your PowBOX™

- ALWAYS keep the volume of your unit at an acceptable level. If the volume is too high, it may permanently damage your hearing.
- ALWAYS reduce the volume or turn the unit off and seek medical advice if you notice a ringing in your ears after usage.
- NEVER attempt to use the unit while driving a car, motorbike, and bicycle or while operating heavy machinery.
- NEVER wear your unit around your neck in environments where it can get caught in external objects with moving parts.
- STORE this manual in a safe place for your easy future reference.

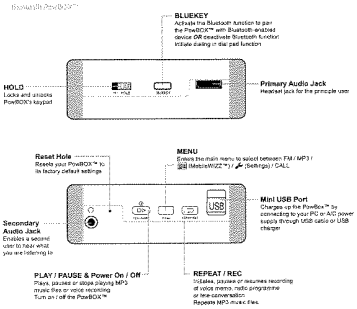
Caring for your PowBOX™

- NEVER drop the unit, subject it to heavy impact or leave it on machinery that vibrates heavily.
- NEVER expose the unit to excessive heat, humidity or dust.
- NEVER attempt to dismantle, repair or remodel the unit by yourself.
- NEVER stick anything inside the unit as this may damage internal components.
- NEVER attempt to clean the unit while it is still turned on.
- NEVER use solvents or chemicals to clean the unit as it will damage the case.
- ALWAYS use a soft, damp cloth to clean your unit and make sure no water penetrates into the unit.

PowBOX™ Display (1)



PowBOX™ Display (2)



Trouble-shooting Tips

Should you encounter any problems with your Bluetooth PowBOX™ at any stage, please take the following steps before reporting the error or taking the unit to be serviced.

Problem	Solution
Can't activate the unit No sound	• Make sure the battery is fully charged. • Check if the volume is set too low. • In FM mode, check if you have properly scanned or tuned to the correct frequency.
The MP3 Player doesn't produce sound, just noise/static	• Try adjusting the volume level. • Make sure the headset is properly connected. • Make sure the connection is free of dust and outside objects. • Check other MP3 files to make sure that the fault does not lie with the MP3 file you are trying to play.
Cannot listen to the radio due to interference	• Move away from, or turn off, any nearby appliances.
Poor reception	• Try manual tuning and repositioning the unit until an optimum signal is obtained.
LCD is displaying unfamiliar characters	• Make sure the unit is not switched to another language by mistake.
Unable to download/transfer MP3 or data files	• Make sure the unit's battery is fully charged. • Make sure the USB cable is properly connected at both ends.
Cannot find desired MP3 track/file	• Wrong file extension used. Rename your file as MP3.

If the above problems cannot be solved by taking the necessary remedial measures, please consult a qualified service technician for further assistance.

WARNING

Under no circumstances should you try to repair your PowBOX™ yourself, as this will invalidate your guarantee.

Safety Information

Your Bluetooth PowBOX™ is designed to give you year-after-year of smooth, trouble-free operation. To ensure that the unit operates safely and to its full potential, please follow the following steps:

Safe Usage of Your PowBOX™

- ALWAYS keep the volume of your unit at an acceptable level. If the volume is too high, it may permanently damage your hearing.
- ALWAYS reduce the volume or turn the unit off and seek medical advice if you notice a ringing in your ears after usage.
- NEVER attempt to replace the PowBOX's battery as it is in-built and is not changeable.
- NEVER wear your unit around your neck in environments where it can get caught in external objects with moving parts.
- STORE this manual in a safe place for your easy future reference.
- NON-replaceable Lithium battery is built-in the PowBOX. Please contact the service agent for how to remove the used battery from the PowBOX for disposal. By law, the end user is required (Battery regulation) to return spent batteries and storage batteries. It is not permitted to dispose of batteries in the normal waste.

Care & Maintenance

Caring for Your PowBOX™

- NEVER drop the unit, subject it to heavy impact or leave it on machinery that vibrates heavily.
- NEVER expose the unit to excessive heat, humidity or dust.
- NEVER attempt to dismantle, repair or remodel the unit by yourself.
- NEVER stick anything inside the unit as this may damage internal components.
- NEVER attempt to clean the unit while it is still turned on.
- NEVER use solvents or chemicals to clean the unit as it will damage the case.
- ALWAYS use a soft, damp cloth to clean your unit and make sure no water penetrates into the unit.

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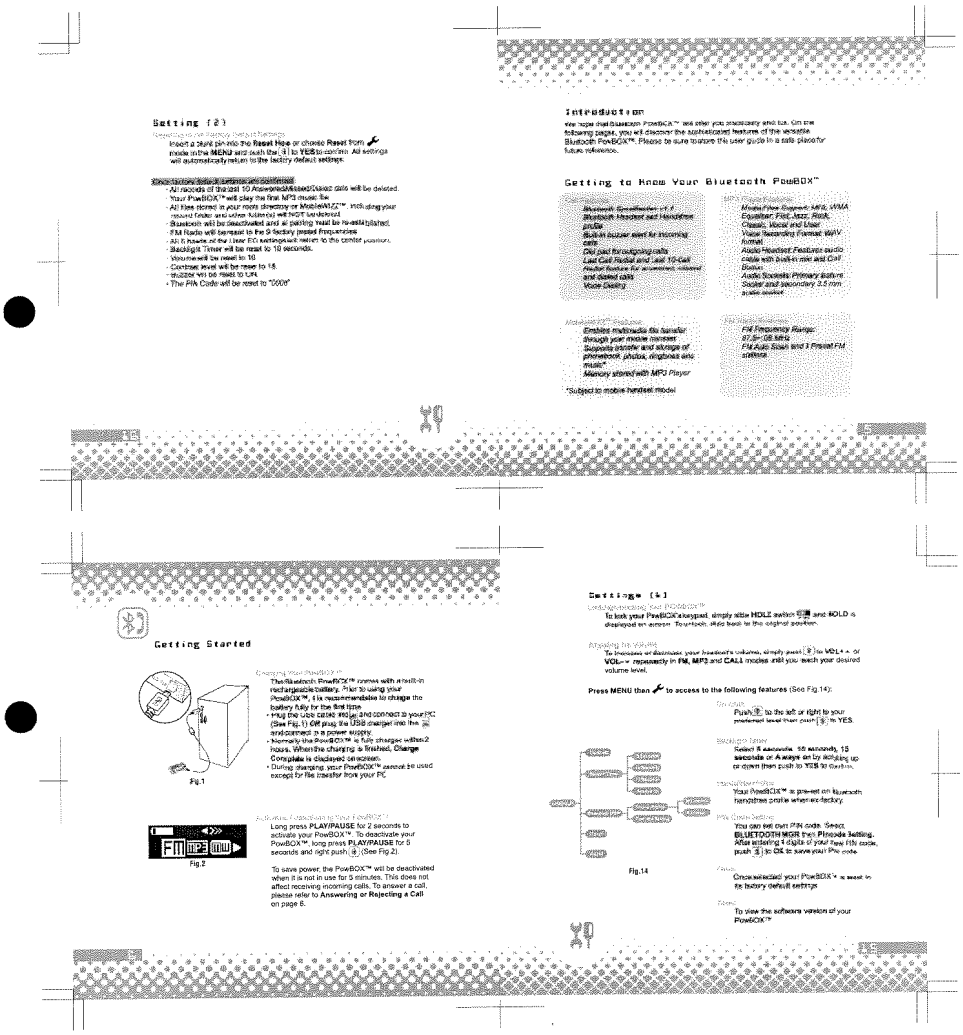
PowBox (Revised)
27/10/2004



Introduction

Getting to Know Your Bluetooth PowBOX™

Getting Started

Settings (1)

Your MobileBIZZ™ Features

***Sending pictures to your PowBOX™**
To copy pictures from your PC or mobile phone to your PowBOX™.

***Copying your phone book to your PowBOX™**
To copy your PC's or mobile phone's phone book to your PowBOX™.

Press **MENU** then [MENU] Select **Receive Files** and push [9]

***Sending MP3 files to your PowBOX™**
To send MP3 files from your PC or mobile phone to your PowBOX™'s MP3 player.

***Sending messages to your PowBOX™**
To send MMS/EMS/SMS messages from your PC or mobile phone to your PowBOX™.

***Subject to your mobile handset model**

Receiving Files into Your PowBOX™

To receive files from your Bluetooth-enabled PC/mobile handset to your PowBOX™, press **MENU** then [MENU] and select **Receive Files**. **Ready to Receive Files ...** is displayed. Your PowBOX™ will detect the file in your PC/mobile phone automatically and will initiate file transfer. Once the file is detected, the screen will show **Receiving ...** during file transfer. When the transfer is complete, **Receive Success** and then **100%** will be displayed (See Fig.13).

Fig.13

View Folders

The downloaded files are saved in **View Folders** [MENU]. You can also find all voice recording files and MP3 music files in this folder.

NOTE
When your paired device's or **PowBOX's** memory is full, file recording or file transfer will cease immediately.

Pairing Your PowBOX™

Pairing Your PowBOX™ with Your Bluetooth Mobile Handset

Prior to using your PowBOX™ as a Bluetooth headset, you must pair it with a Bluetooth-enabled mobile handset.

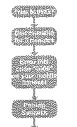


Fig.3

1. Press **BLUEKEY** to turn on Bluetooth function. **BT** appears on screen and **Discoverable for 3 minutes** is displayed briefly. Pairing mode is ON.
2. Activate your mobile handset's Bluetooth function and initiate pairing. Once the PowBOX™ is detected, the mobile handset will prompt you to enter the PIN code of your PowBOX™, i.e. "0000". To set your own PIN code, please refer to **PIN Code Setting** on page 15.
3. When the pairing is complete, **Pairing Success** then **Connected To Phone** will be displayed. **BT** will change to [BT] (See Fig.3).
4. If the pairing cannot be completed within 3 minutes while the pairing mode is activated, **BT** will disappear. Now you must press the **BLUEKEY** to turn back on the Bluetooth function if you want to continue pairing.

Removing the Paired Mobile Handset/Device

Please remove the i.Tech PowBOX™ from your paired mobile handset/device.

Pairing with other Mobile Handset

Fig.4

To pair with other mobile handset, you must first turn off the Bluetooth function by long pressing the **BLUEKEY** for 2 seconds (See Fig.4). Repeat the above steps 1 and 2 to pair your PowBOX™ and the mobile handset.

Managing Your Call through Your PowBOX™ (1)

Answering a Phone Call

Caller ID will be displayed when there is an incoming call. To answer, press **Call Button** on the headset **OR** right push [9]. Long press **Call Button** for 2 seconds **OR** left push [8] to reject (See Fig.5).

Fig.5

Ending and Making A Call

To end, press **Call Button OR** right push [9]. During conversation, if you want to mute the call, left push [8] and once again to unmute the call (See Fig.6).

Fig.6

Answering a Waiting Call

When there is a waiting call, you will hear 2 beeps. To switch between calls, long press **Call Button.** Alternatively right push [9] to end the first call, the waiting caller ID is displayed. Select **ANSWER** to answer the waiting call or select **REJECT**(See Fig.7).

Fig.7

NOTE
Answering a Waiting Call is dependent on the services offered by your mobile network service provider.

Making Calls from the PowBOX™

1. Press **MENU** then **CALL**. Display is highlighted.
2. Select **Dial Pad** and press [9]. Digits and symbols are displayed on screen.
3. Push [8] to the left or right to select the desired number then press [9] to enter and so on (See Fig.8).
4. To delete unwanted digit, push [8] up.
5. To transmit your call, either press **BLUEKEY** or push to **OK**. **Connected To Phone** is displayed during transmission (See Fig.9). To cancel, push [8] to the left.

Fig.8

Fig.9

MP3 (3)

Recording Radio Programme or Telephone Conversation

When in **FM** mode or during telephone conversation, press **REPEAT/REC**. The default setting of recording quality is **MEDIUM**. Your PowBOX™ can allow a maximum of up to 4 hours of such recording.

NOTE
Your PowBOX™ must be connected to your headset during recording. NO recording can be made when listening to the music file.

Retrieving the Recorded File

When in **MP3** mode, select **View Song List**. **Record** folder is highlighted, press [9]. Scroll to the record file you want to play and press **PLAY/PAUSE** *OR* left push [8] to exit the **Record** folder.

MP3 (2)

Selecting EQ Settings

Press **MENU** then **MP3**, select **Equalizer** and scroll ⏩ up or down to select between **FLAT / JAZZ / ROCK / CLASSIC / VOCAL / USER** and push ⏬ to **YES**.

Alternatively, while playing the music file, press ⏬ repeatedly until your preferred EQ setting appears on screen.

Fig.11

To set your User defined EQ, choose **USER** from **Equalizer**. You will see an EQ bar showing five default settings. You may increase/decrease the frequencies by scrolling ⏩ up or down. To save the settings, long press ⏬ for 2 seconds (See Fig.11) **OR** press **MENU** to exit without saving the settings.

Voice Recording

You may record voice memos by following these steps:

Fig.12

Press **MENU** then **MP3**, select **Voice Recording**. Choose **Low**, **Medium** or **High** quality recording and right push ⏩ to initiate recording. The timer will begin counting from 00:00:00 and the record file name **REC001 (the first record file)** is displayed (See Fig.12).

To pause recording, press **PLAY/PAUSE**. The timer stops at the point you passed recording.

To resume, press **PLAY/PAUSE** again.

To stop and save recording, long press **REPEAT/REC** until **Saving Record** is shown briefly. The record file is saved in the **Record** folder under **View Song List**.

Managing Your Call through Your PowBOX™ (2)

Last Number Redial

Press **Call Button** twice **OR** press **MENU** then **CALL**. Display is highlighted. Select **Redial** and press ⏬.

Voice Dialing

1. Short Press **Call Button**.
2. Speak the name of the person you want to call into the microphone.
3. Once the voice tag stored in your mobile handset is matched with your voice, dialing will start automatically.

NOTE

Voice dialing is only applicable to mobile handsets with a voice tag function. Performance may vary from mobile handset to mobile handset.

Retrieving Answered Calls / Missed Calls / Dialed Calls

1. Press **MENU** then **CALL**. Display is highlighted.
2. Select the list of the last 10 Answered Calls, Missed Calls or Dialed Calls and press ⏬ to confirm.
3. Scroll ⏩ up or down to select your desired number from the list, then press ⏬ or **BLUEKEY** to initiate dialing.

FM Radio

Activating FM Radio

Press **MENU** then **FM**. The radio is activated. There are 9 pre-set stations.

Whenever you switch your radio on in the future, it will play the last station you listened to.

Presetting Stations

You can overwrite a pre-set station simply by setting a new one in its place.

When in **FM** mode, press ⏩ to **Manual**, push ⏩ to the left or right until you reach your desired frequency.

To save the station, long press ⏬ for 2 seconds. The screen will show **CH X Saved**, e.g. **CH 1 Saved** meaning the first saved channel.
To quit without saving the station, press ⏬ and it will go back to the previous frequency.

Scanning

Push and hold the ⏩ to the left or right to auto scan in the **Manual** mode. The PowBOX™ will search to the station nearest to the current frequencies.

Answering a Call when Listening to the Radio

Fig.16

Press **Call Button** or push ⏬ to **ANSWER**. The radio is automatically turned off. Upon completion of your call, the radio is automatically resumed (See Fig.10).

MP3 (1)

Playing MP3 Music Files

In **MENU** mode, press **PLAY/PAUSE** to start playing the MP3 music file.

To skip to next or previous music file, push ⏩ to the left or right. To fast forward or rewind the music file, push and hold ⏩ to the left or right.

To pause or resume the playback, press **PLAY/PAUSE**. To stop, long press **PLAY/PAUSE** for 2 seconds.

Whenever you switch your MP3 on in the future, it will play the last music file you listened to.

Browsing Your Playlist (MP3 File)

Press **MENU** then **MP3**, select **View Song List** and press ⏬ **OR** while playing music, long press ⏩ until **View Song List** appears. Scroll ⏩ up or down to select the desired music file and press **PLAY/PAUSE**.

Repeat and Randomly Playing MP3 Music File

Press **REPEAT/REC** repeatedly to select the following features:

- ⇨ to repeat all MP3 music files continuously.
- RND to randomly play the music file.
- ⇨ to play all music files once.
- ⇨ to keep playing your current music file.

Deleting MP3 Music Files

Go to **View Song List** and select the music file you want to delete, right push ⏩ to **DELETE**.