eTEC

MP3 Player Models MP101 & MP102

INSTRUCTION MANUAL

User Manual for ETEC MP101/102 MP3 Players

This MP3 player is a new generation of multi-function, portable digital devices that plays multiple music formats: MP3 & WMA, and operates as a high-quality digital voice recorder and USB Flash Drive.
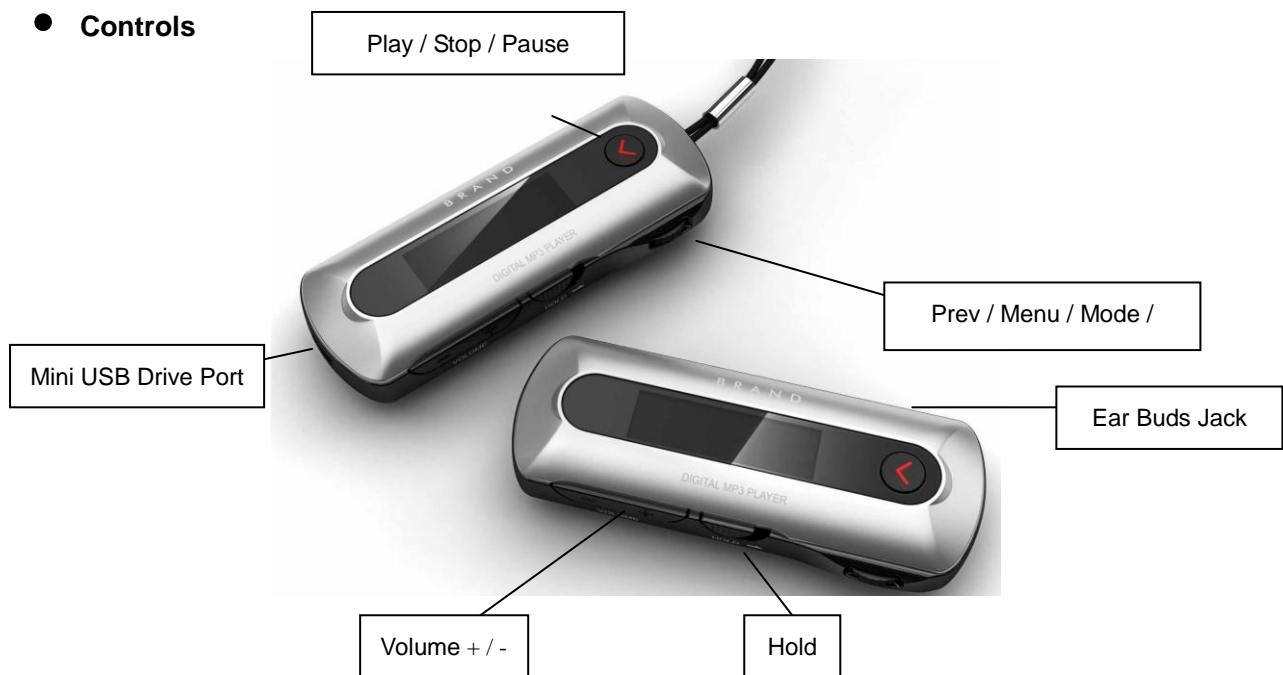
Unique Features
- Multiple Music Formats:
  - Supports: MP3 & WMA
- Backlit LCD Display
- ID3 and LRC Support for Displaying Lyrics and Title Information
- 7 Preset Equalizer Settings
  - Normal, Rock, Pop, Classical, Soft, Jazz and DBB
- Multiple Repeat Modes
  - Normal, Repeat One, Folder, Repeat Folder, Repeat All, Random, and Intro.
- Automatic Power Off Timer
  - You may set a Sleep Timer or use the Off Time mode for added battery saving convenience.
- Record/ Replay
  - High-quality digital voice recordings are easy to make with the built-in microphone.
- USB 2.0 High Speed Data transmission
- Driver Free USB Storage Disk
  - Manage your files without installing additional drivers.
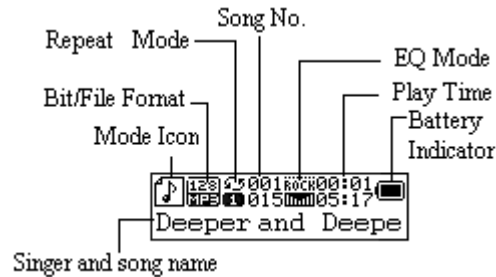
Declaration
Thank you for choosing one of our ETEC products. We recommend you carefully read the entire manual carefully prior to using to avoid damaging your Player or music files. Functions and performance may change without prior notice.

1. GETTING TO KNOW THE PLAYER

- **Controls**

Play / Stop / Pause

Prev / Menu / Mode /

Mini USB Drive Port

Ear Buds Jack

Volume + / -

Hold

- **LCD Display Window**

- **Battery Icon**
  - The player displays remaining battery level information with 9 icons ranging
    - From:
       Indicates that the battery is fully charged
    - To:
       Indicates the battery power is depleted and a new battery should be installed

2. GETTING STARTED

Install the battery

Remove the battery cover on the rear of the player and insert one AAA battery (included) and the player will turn ON automatically and enter the main interface. If the Player does not turn ON, make sure the '+' and '-'ends of the battery match the diagram inside the player.

- After connecting to a PC via USB cable, the player will turn ON automatically and enter USB mode.
- When connected to a USB port, the Player receives power from the computer and can be operated without a battery installed.

Loading Music Files on the MP3 Player:

Connect the MP3 Player to a USB port on your computer using the included USB Cable. Your computer will automatically recognize the MP3 Player as a "Removable Disk" in your System Tray (lower-right corner of the desktop) and in the "My Computer" directory. Connecting to the Player to a USB port turns the power ON to the Player unit.

Loading music files into the MP3 Player is very easy. Locate the music files on your computer that you want to load onto the MP3 Player and simply, "drag and drop" the music files into the MP3 Players' Removable Disk directory. You can easily; add new folders, rename existing ones, and organize your music in the same manner that you would for other groups of folders, files, and data sets on a computer or USB drive.

The Proper Way to Disconnect or "Eject" the MP3 Player from the Computer

If the MP3 Player is not properly 'Ejected" from the computer; music & recorded files may be lost or damaged, and the player may not function correctly.
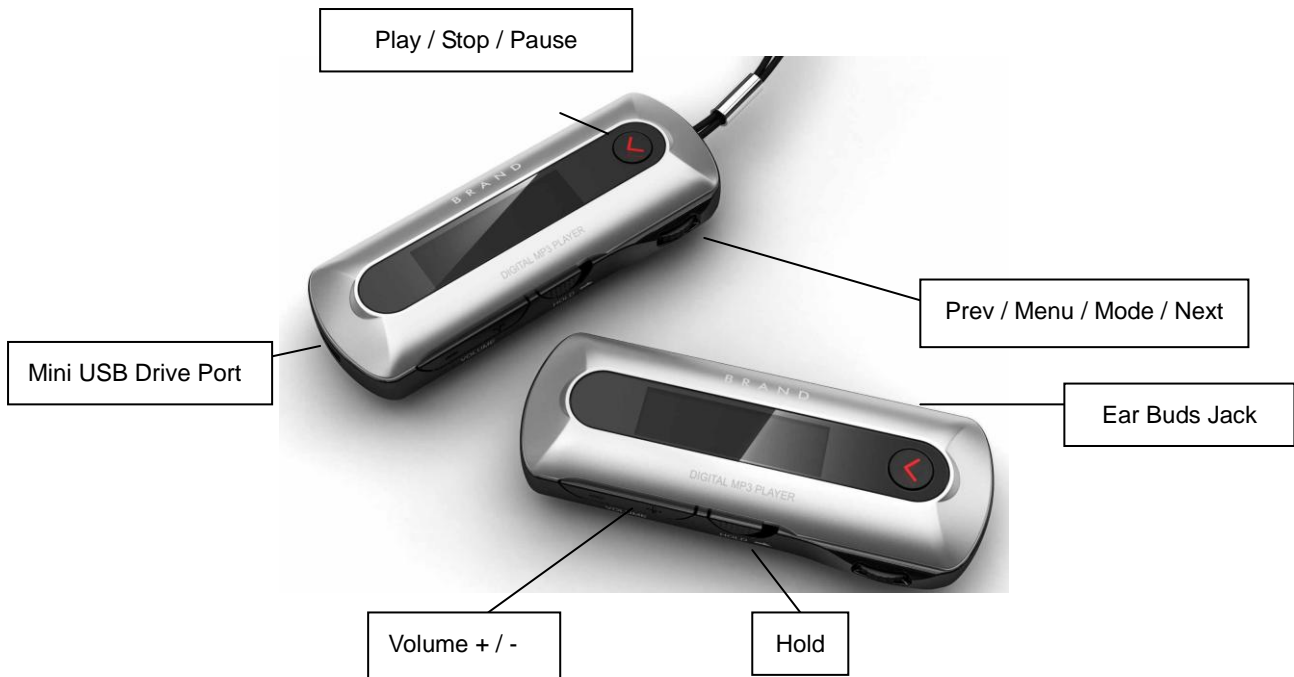
- For Windows and MAC systems, follow the normal system procedures for the SAFE ejection of a "USB DEVICE".
  - First, make sure all MP3 Player functions have stopped and all programs using the player

on your computer (i.e. Media Player or others) are closed.

- o **WINDOWS**: right-click on the USB icon in the bottom right (system tray) of your computer screen and a box with the message, "Safely Remove Hardware" will appear. Click on the "Safely Remove Hardware" message and your computer will indicate that it is OK to remove the device.
- o **MAC:** right-click on the icon that appears on the screen or in the "Finder" menu to "EJECT" the unit. The unit can be safely be removed.

- **The Controls Again**

Play / Stop / Pause

Prev / Menu / Mode / Next

Mini USB Drive Port

Ear Buds Jack

Volume + / -   Hold

Turning the Player ON & OFF

- Press & Hold the **Play** button to turn the player ON, repeat to turn it OFF.

Using the Controls

- **PRESS**: Press and release the indicated key quickly
- **PRESS & HOLD**: Press and hold the indicated key for about 3 seconds
- **Menu / Mode Button**
    - o Press & Hold the **Menu / Mode** button to enter the main menu / submenu systems, make selections, or enter the desired operating mode.
- **Prev / Next Buttons**
    - o Press the **Prev** and **Next** buttons to highlight desired files and menu options.
    - o To Rewind or Fast forward the playing file
- **Volume Control**
    - o Press the **Vol + / -** buttons to increase or decrease the volume level.

Playing your Music – Basic Operation

- Plug the Ear Bud Headphones into the headphone jack on the player
- Make sure the **HOLD** switch is set to the OFF position (to the right)
- Press & Hold the **Play / Pause** button to turn the player ON

- Use the **Prev** and **Next** buttons to highlight the Music Mode
- Press the **Menu / Mode** button to select the operating mode
- Press the **Play / Pause** button to begin playing
- Use the **Prev** and **Next** buttons to select different songs
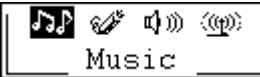- **Vol + / -** buttons to set desired listen volume level
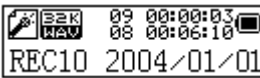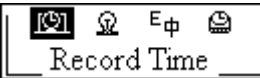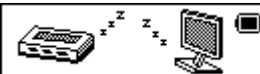
Control Lock/ Hold

- Slide the **Hold** switch to the left to turn the Hold feature ON. Slide it to the right to turn it OFF.
    - When playing music or recording, turning the Hold feature ON will lock the control buttons and prevent unwanted settings or function changes. This feature is very useful, for example; to keep the Player from being accidently stopped or turned OFF when listening to music while the Player is in your pocket with other items that may come in contact with the control buttons.
    - When the Hold feature is ON, basic Player and USB functions cannot be performed including, turning the power ON / OFF and moving files to / from a PC.

Play & Stop (or Pause when recording)

- Press the **Play / Pause** key to toggle between play and pause.

Operating Modes

- Press the **Menu / Mode** button to select desired operating mode from the main menu.
    - Main Menu:

    - Music mode:

    - Record mode:

    - Voice mode:

    - System Setting:

    - USB Mode:

Playing Modes & Submenu

- When playing music and recorded files, different playing modes can be selected from the play submenu. The player will continue to play files according to the mode selected until it is changed.
- **Repeat Mode:** Select the repeat mode from the following options:
    - Normal: Plays all files in order one time
    - Repeat One: Repeat plays one file
    - Folder: Plays all files in current folder in order one time
    - Repeat Folder: Repeat plays all files in current folder
    - Repeat All: Repeat plays all files in order
    - Random: Plays all files in current folder in a random pattern
    - Intro: Plays the first 10 seconds of each file

- **Replay Mode** In Music or Voice mode, Press the **Menu / Mode** button to enter the play submenu
  - **A-B Replay** - Replays a segment of the file a certain number of time
  - Set the replay mode, choosing from the Manual and Automatic replay functions
    - Manual: A-B replay mode in which the user sets the endpoint "B" manually
      - Use the **Prev** and **Next** buttons to highlight the desired setting
      - Use the **Menu / Mode** button to select the desired setting
    - Auto: A-B replay mode in which the player sets the endpoint "B" automatically
      - Use the **Prev** and **Next** buttons to highlight the desired setting
      - Use the **Menu / Mode** button to select the desired setting
  - Press the **Prev** and **Next** buttons to highlight the Replay option
  - Press the **Menu / Mode** button to activate the A-B replay mode
  - Press the **Next** button o select the starting (A) point
  - Press the **Next** button to select the ending (B) point
  - Press the **Next** button to select the number of times the replay function will repeat the segment
    - Select from 2 to 10 times
  - Replay gap: Select the delay between the segment replays
    - Select from 1 to 10 seconds
  - Player will now play the A-B segment
  - Press **Menu / Mode** to end the A-B Repeat mode
  - Press the **Menu / Mode** button to exit the play submenu

Preset Equalizer Settings
- This MP3 Player features 7 different preset equalizer options to enhance your music listening pleasure. These options are: Normal, Rock, Pop, Classical, Soft, Jazz and DBB
  - While playing music, Press the **Menu / Mode** button to enter the play submenu
  - Use the **Prev** and **Next** buttons to highlight the Equalizer submenu option
  - Press the **Menu / Mode** button to enter the submenu option
  - Use the **Prev** and **Next** buttons to highlight the desired preset equalizer option
  - Press the **Menu / Mode** button to select the equalizer preset option

3. Button Operations
- Music and Voice operating modes:

Function	Button Action	Stop Status	Play Status	Play-Submenu	Stop-Submenu
Play / Pause	Press & Hold	TURN OFF	TURN OFF	TURN OFF	TURN OFF
	Press	PLAY	STOP	EXIT FROM MENU	EXIT FROM MENU
Menu / Mode	Press & Hold	ENTER MAIN MENU	ENTER MAIN MENU	ENTER MAIN MENU	ENTER MAIN MENU
	Press	ENTER STOP SUBMENU	ENTER PLAYING-SUBMENU	CONFIRM CURRENT OPTION OR ENTER NEXT SUBMENU	CONFIRM CURRENT OPTION OR ENTER NEXT SUBMENU

Next	**Press**	NEXT SONG	PLAY NEXT SONG	SWITCH SUBMENU	SWITCH SUBMENU
	Press & Hold	CONTINUOUS FORWARD BROWSING	FAST FORWARD	CONTINUOUS FORWARD	CONTINUOUS FORWARD
Prev	**Press**	PREVIOUS SONG	PLAY PREVIOUS SONG	SWITCH SUBMENU	SWITCH SUBMENU
	Press & Hold	CONTINUOUS REVERSE BROWSING	FAST REVERSE	CONTINUOUS REVERSE	CONTINUOUS REVERSE
Vol +	**Press**	INCREASE VOLUME	INCREASE VOLUME	**N / A**	**N / A**
	Press & Hold	INCREASE VOLUME CONTINUOUSLY	INCREASE VOLUME CONTINUOUSLY	**N / A**	**N / A**
Vol -	**Press**	DECREASE VOLUME	DECREASE VOLUME	**N / A**	**N / A**
	Press & Hold	DECREASE VOLUME CONTINUOUSLY	DECREASE VOLUME CONTINUOUSLY	**N / A**	**N / A**

- Recording Mode

Function	Action	Stop Status	Record Status
Play	**Press & Hold**	TURN OFF	STOP RECORDING AND SAVE FILE
	press	START RECORDING	PAUSE RECORDING
Mode	**Press & Hold**	ENTER MAIN MENU	**N / A**
	Press	ENTER RECORD SUBMENU	**N / A**

4. Synchronous Lyric and Title Display
- This player supports ID3 & LRC Synchronous Lyric and Title Display, a feature that displays the lyrics and title of the currently playing song across the LCD screen display.
    - This feature will only works if the LRC (lyrics) file shares the exact same name as the MP3/ WMA song file *and* if both files are stored in the same directory. For example, if the music file is named "Angel.mp3", then the LRC (lyrics) file must be named "Angel.lrc".
    - To use the Lyric Synchronous Display Feature once both lyric and music files for the same song are correctly named and located in the same directory
    - Press & Hold **Mode** to display the lyrics
    - Press **Mode** to return to the music mode

5. Recording Voice
- Make sure there is significant battery life remaining before attempting to record voice files.
- The player can save 99 recording files in each directory folder.
- To start recording enter the Record Mode from the main menu:
    - Press the **Prev** and **Next** buttons to select the Record mode

- o   Press the **Menu / Mode** button to enter Record mode
- o   Press the **Play / Pause** button to start recording
  - ▫   Press the **Play / Pause** button to pause recording (the time icon will flicker)
  - ▫   Press the **Play / Pause** button to resume recording
- o   Press & Hold the **Play / Pause** button to stop recording and save the file

- • **NOTES:**
  -The recorded file is saved in the current folder, which can be changed in the Recording submenu
  -If "Overflow" is displayed, the player's memory is full and you must delete files to make free space
  -If "Over Record" is displayed, the current directory already contains 99 files stored in it. You must switch to another directory to store the file.

Select the Recording Type

In addition to normal recording options, this MP3 Player features a "sound activated" recording type called; Voice Control Record. When selected, the Player will automatically pause the recording process when the speaker has stopped talking and resume recording when the speaker begins talking again.

- • Press the **Menu / Mode** button to enter Record Submenu
- • Press the **Prev** and **Next** button to select REC Type option
- • Press the **Menu / Mode** button to enter the REC Type option
- • Press the **Prev** and **Next** button to highlight the desired WAV format recording type
- • Press the **Menu / Mode** button to select the desired WAV recording type
- • Record the new file as previously instructed

6. Playing Recorded Files
- • To start playing a voice recording file, enter the playback (RPL) mode from the main menu
  - o   Press the **Prev** and **Next** button to select the desired recorded file
  - o   Press the **Play / Pause** button to play the file

7. System Settings – Interface and Description
- • System settings can be set by entering the System submenu from the main menu
  - o   Options may vary slightly depending on the firmware version being used

Menu Option	Description
System Time	Set the system date and time information
Record Type	Select only WAV file recording
Backlight	Set the length of time in seconds that the Backlight stays on when idle
Language	Set the displayed language
Power off	Set the Power Off and Sleep Timers
Replay mode	Set Replay Mode
Contrast	Set the brightness/contrast level of LCD display

Memory info	Show memory capacity and percentage that being used
Exit	Exit the system settings interface

Changing the System Settings
- **To Change the Settings Options**, Press the **Menu / Mode** button to select the settings option
- **System Time**
  - Set the Date and Time for the player
    - Use the **Vol + / -** buttons to select the Date or Time items to set
    - Use the **Prev** and **Next** buttons to adjust the setting
- **Voice Recording Type**
  - Select WAV recording
    - Use the **Prev** and **Next** buttons to highlight the desired recording option; Sound Activated or Normal
    - Use the **Menu / Mode** button to select the desired setting
- **Backlight Timer**
  - Set the length of time the backlight remains ON after the system becomes idle
    - Select from 0 to 30 seconds in 3 second intervals
    - Use the **Prev** and **Next** buttons to highlight the desired setting
    - Use the **Menu / Mode** button to select the desired setting
- **Backlight Color Selection**
  - Set the backlight color or color combinations of the display screen
    - Use the **Prev** and **Next** buttons to highlight your desired color setting
    - Use the **Menu / Mode** button to select the setting
- **Language**
  - Set the Language for the player to display
    - Use the **Prev** and **Next** buttons to highlight the desired language setting
    - Use the **Menu / Mode** button to select the desired setting
- **Power OFF and Sleep Timer Settings**
  - Power Off Timer: Set the length of time in seconds (10, 20, 30, 40, 50, or 60 seconds)   that the player will wait before automatically turning OFF after becoming idle
    - Use the **Prev** and **Next** buttons to highlight the desired setting
    - Use the **Menu / Mode** button to select the desired setting
  - Sleep Timer: Set the length of time in minutes (from 0 to 120 in 10 minute intervals) that the player will wait before turning OFF automatically after becoming idle
    - Use the **Prev** and **Next** buttons to highlight the desired setting
    - Use the **Menu / Mode** button to select the desired setting
- **Brightness**
  - Set the brightness level of the LCD display from 1 to 16: the higher the number, the darker the screen
    - Use the **Prev** and **Next** buttons to highlight the desired setting
    - Use the *Menu / Mode* button to select the desired setting

- **Online Mode**
  - Select from Multi Drive, Normal Only, and Encrypted Only modes
  - The Multi Drive option assigns a driver letter to both the built-in Flash and the Encrypted memory partitions, however some operating systems (Windows 2K SP4 and older) may
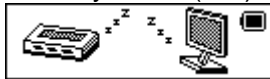
not recognize USB drives with 2 drive letters. In this case, select Normal or Encrypted Only options.

- o Use the **Prev** and **Next** buttons to highlight the desired setting
- o Use the **Menu / Mode** button to select the desired setting

- **Memory Information**
  - o Display the current amount of total and used percentage of the Flash memory

- **Exit**
  - ▪ Use the **Menu / Mode** button to exit the system settings submenu

8. USB Disk

- The player can be used as a standard USB storage disk with the following operating systems; WNDOWS 2000 and above, MAC: OS10.3 and above
- After connecting the player to a PC, the Player will display one of the following three screens depending on the function being performed:
  - o Standby Mode (idle)

  - o File Download Mode (from PC to player)

  - o File Upload Mode (from player to PC)

9. Folder Usage

- **Selecting Folders** (From the Stop Submenu)
  - ▪ Files can be saved in different folders (which should be created on a PC in advance). This allows for easy management and playing of stored files. The player can identify up to 99 Folders in a directory.
    - o From the current function mode "Stop" interface, Press the **Menu / Mode** button to enter Stop state Submenu
    - o Press the **Menu / mode** button to enter the Folder selection interface
    - o Press the **Prev** and **Next** buttons to highlight the desired folder
    - o Press the **Menu / Mode** button to select the desired folder
    - o Press the **Prev** and **Next** buttons to select the desired file
    - o Press the **Menu / Mode** button to select the desired file
  - ▪ **NOTE:** Different folders can be used for the Music, Record, and Voice Modes. The three modes do not have to use folders of the same names
- **Deleting Files** (From the Stop Submenu)
  - ▪ Files can be deleted directly from the player to free up memory space
    - o From the current function mode "Stop" interface, Press the **Menu / Mode** button to enter Stop state Submenu
    - o Press the **Prev** and **Next** buttons to highlight "Delete" or "Delete All" option
    - o Press the **Menu / mode** button to enter the desired delete option

- o Press the **Prev** and **Next** buttons to toggle between "YES" or "NO"
- o Press the **Menu / Mode** button to select the desired delete operation
- **NOTE:** The "Delete All" option will only delete all of the files in the current folder for the current mode. For example: while in the Music mode, executing the "Delete All" function will only delete- all of the music files in the open folder, while the recorded files will be untouched.
- When deleting files from a PC, safely remove the player from the system and disconnect the USB cable after deleting is complete otherwise files may not be correctly deleted from the system.

14. Trouble Shooting

No Power	Check whether the battery has been inserted properly Check to be sure the USB cable is properly connect to both the player and the PC
No sound is heard in headphones	Check to see if the Volume level is set "0" Make sure headphone jack is firmly connected Check to see if the headphone plug is dirty Corrupted MP3 files may create static noise and that cuts out the sound
Characters in LCD appear strange or are unreadable	Make sure you have selected an appropriate display language
Downloading music files fails.	Check whether the USB cable is connected properly or damaged Check to be sure the operating system is Windows: 2000 and higher or Mac: 10.3 and higher Check whether the player's memory is full

15. Specifications

Dimension	82 x 28 x 20.5mm	
Weight	25g (without battery installed)	
LCD Window	128 x 32 LCD, LED backlight	
PC connection	USB2.0 (FS) (Read: 1000K Byte, Write: 1000--900K Byte)	
Flash Memory	1GB, 2GB	
Battery	1 x AAA Alkaline battery	
	Max Play time: 10 hours (using power save features)	
Record	Sample rate	8KHz
	Recording format	.wav (32K bps) .act (8K bps)
	Recording time	35Hrs 19Min 38Sec (.act format)
MP3、WMA、WAV	Max output of headphone	10mW - 32Ohm in both Left and Right
	MP3 bit rate	8K bps – 320K bps
	WMA bit rate	5K bps – 384K bps
	Frequency response	20Hz to 20KHz
	SNR	85dB
	Distortion	≦0.1%

Music Formats	MP1, MP2, MP3, WMA
Working temperature	41°F to 104°F
Multi- language display	Simple Chinese, Trad Chinese, Japanese, Korean, Russian, Hebrew, Thai, English, French, German, Italian, Dutch, Portuguese, Spanish, Swedish, Czechish, Polish, Finland, Denmark, Hungarian, Slovak
Operating System	Windows; SE/ME/2K/XP, Mac OS 10.3

ETEC LIMITED 90-DAY WARRANTY

We warrant this product to be free from defects in material and workmanship under normal use for a 90-day period after purchase. We will repair or replace the unit free of charge should it become defective under this warranty, providing you submit proof of purchase (sales slip) along with the unit and all accessories.

During the initial 90-day period after original purchase, we will service or exchange, at no charge. To obtain warranty service or replacement within the duration of the 90-day warranty, return the product <u>freight prepaid</u> to the address below.

<div align="center">

ETEC USA
823 Old Settlers Trail
Suite 100
Hopkins, Minnesota   55343

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Please enclose a copy of the sales receipt with the date of purchase and provide a detailed description of the problem. Failure to enclose required information will result in delay of your shipment. Please allow 4-6 weeks for product service or replacement.

This warranty does not cover any product, which has been subject to damage due to an act of nature, misuse, neglect, accident, abuse, commercial use, or modification of, or to, any part of the product, including the antenna. Damage to external devices such as speakers and other memory devices are not covered nor is the cost incurred in shipping the unit for warranty repair. Under no circumstances shall ETEC USA, be liable for any loss (direct, indirect, incidental, foreseen, unforeseen, special or consequential) or for any damage arising out of, or in connection with, the use of this product.

UNDER NO CIRCUMSTANCES WILL ETEC USA BE LIABLE FOR ANY INCIDENTAL OR CONSEQUENTIAL DAMAGES.

<div align="center">

This warranty does not cover re-manufactured units, or product sold 'As Is'.
This warranty is valid only in the United States and grants specific legal rights.

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