

## CONTENT

<b>Declaration</b> .....	<b>2</b>
<b>Unique Features</b> .....	<b>2</b>
<b>Locating the Controls</b> .....	<b>5</b>
<b>OLED window</b> .....	<b>8</b>
<b>Basic operation</b> .....	<b>9</b>
<b>RF setting</b> .....	<b>19</b>
<b>Record ( REC )</b> .....	<b>21</b>
<b>Convert ACT Files to WAV Format Files</b> .....	<b>23</b>
<b>Voice</b> .....	<b>25</b>
<b>Setting</b> .....	<b>29</b>
<b>Other functions</b> .....	<b>37</b>
<b>Trouble shooting</b> .....	<b>39</b>
<b>Specification</b> .....	<b>40</b>

## **Declaration**

This user's Manual is provided with detailed introduction and operating instructions to help you easily to get the most of the digital MP3 player. Please read this manual carefully before using your new player. The information contained in this User's Manual is subject to change without prior notice.

### **Notice:**

1. Don't use the unit in too hot, cold and dirty environment.
2. Don't let it hit to hard object or the shell, battery or other hardware will be damaged.
3. Under the following cases, please recharge the player:
  - a). the battery indicator shows empty.
  - b). the player powered off automatically. After powered on again, it is powered off automatically again.
4. Don't untied the connection with PC while the unit is being formatted or uploading/downloading files into/from the computer. That may make program abnormal.
5. When used as a mobile disk, please operate correctly to manage/upload/download/store the files. We will bear no responsibility for any data loss with wrong operation

The MP3 player is a new generation of digital portable device, supporting multiple music formats including MP1, MP2, MP3, WMA, WMV, ASF and WAV, etc. Its perfect sound quality, great reliability and exquisite appearance make it a masterpiece. Devoutly hope to bring you great enjoyment in this digital age.

### **Unique Features:**

**Multi-Codec Player:**

Supporting MP1, MP2, MP3, WMA, WMV, ASF and WAV formats

\_ **Firmware Upgrade:**

Providing the latest updated features via firmware upgrade from the website

\_ **FM stereo radiation:**

Powerful , high-quality and stereo FM radiation make you enjoy the music while driving.

\_ **Drive Free U disk:**

You may manage your files directly through "Portable Disk" in "My Computer" on Winows2000 Operating System or above without driver.

\_ **"Private Space" Disk Mode:**

The flash memory can be divided into two parts by using the accessory tools and one is encrypted to hide the contents saved inaccessible by others. Keep Your Secret!

\_ **Record/ Replay:**

The player supports recording through built-in microphone and saves as WAV and ACT formats. Meanwhile it supports real digital A-B replay or comparison replay.

\_ **Telephone book:**

You can look up contact information of your relatives and friends anytime.

\_ **7 Preset EQ:**

Normal, Rock, Pop, Classic, Soft, Jazz and DBB

\_ **Multiple Repeat Mode:**

Normal, Repeat One, Folder, Repeat Folder, Repeat All, Random, Intro.

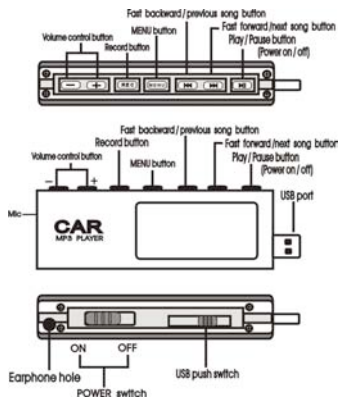
\_ **Power Off:**

You may set Sleep Timer or Off Time mode in your own convenience.

\_ **GUI (Graphic User Interface) Menu:**

Vivid animation menu with corresponding characters make it easy to operate.

Locating the Controls  
Appearance & Keys:



1.1. Main menu interface:



### 1.2. Button, switch and jack:

The unit has 7 function keys, 1 power switch and 1 USB switch.

- PLAY/PAUSE button: power on(long press ), play, pause, power off (long press )
- PREV button: previous song(short press ) or fast backward (long press )
- NEXT button: next song (short press ) or fast forward(long press )
- VOL+ button: volume increase.
- VOL-button: volume decrease
- MENU button: choose different modes and confirm every choice in different modes.
- REC/A-B button: Recording / repeating button. At any cases, except USB mode and MUSIC Playing status, if press the button, the play will enter Record mode directly and start to record immediately.
- Note: There are two ways of operating the buttons: long press, short press and hold on.  
1\_short\_press\_keep on pressing for less than 2 seconds

2 long press\_ keep on pressing for more than 2 seconds.

### 1.3. PORT\_

- USB\_Standard USB port.
- EARPHONE: Standard earphone jack.

### 1.4. Record

- Microphone input

### 1.5. Power on

Push the power switch to “ on” . The unit is turned on.

### 1.6. Select functions

In the main menu, short press NEXT or PREV button to select different modes. Press MENU button to confirm the mode you select and the content in this mode will shown on LCD.

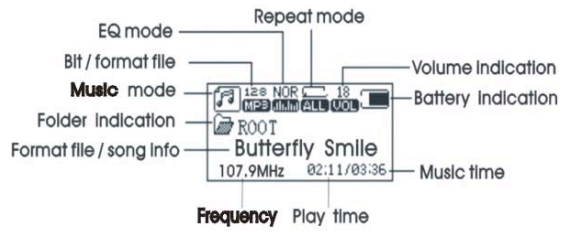




### OLED window:

#### MUSIC

In MUSIC mode, the system can play Mp3 and WMA music files and support lyric shown synchronously.

**Music Mode Interface:**



If there is lyric matching to the current song, the icon  on the left, above corner will change into .

**Basic operation:**

### 3.1. Basic function

After enter MUSIC mode , short press PLAY button to play MUSIC, shown as below:



While music is being played,

Short press PLAY button to pause;

Long press PLAY button to stop and turn off the player.

Short press VOL+/VOL button to increase/decrease a single level of volume.

Long press VOL+/VOL button to increase/decrease volume continuously.

Short press NEXT/PREV button to play next /previous music file.

Long press NEXT/PREV button to fast forward/ fast backward.









Short press MENU button to enter "MUSIC Setting ".

Long press MENU button to exit to main menu.

Short press REC/A-B button to enter Replay Mode.





### 3.2. PLAYER Setting




While music is being played, short press MENU button to enter MUSIC Setting. The interface shown as below:

 Repeat
 Equalizer
 Tempo rate
 Replay
 Replay times
 Replay gap
 RF Setting
 Exit

Repeat:  
choose  
Repeat

Choose Repeat Mode(RPT), short press NEXT or PREV button to different repeat modes. Normal, Repeat One, Folder, Repeat Folder, All , Random, and Intro can be chosen.

 Normal
 Repeat one
 Folder
 Repeat Folder

 Repeat ALL
 Random
 Intro

Normal\_Play all the music files in normal sequence in turn till all music files are played.

Repeat One: Play a single music file repeatedly.

Folder : Play all music files in the current folder in sequence.

Repeat Folder: play all the music files in the current folder repeatedly.

Repeat All: Repeat all the music files.

Random: Play music files in the current folder randomly.

Intro: Play the first seconds of each of all the music in the current folder in turn.

**Equalizer:**

After choosing EQ mode, short press NEXT or PREV button to choose different EQ effect. NOMAL , ROCK,POP,CLASSIC, SOFT,JAZZ, DBB can be chosen.

**Tempo rate:**

After choosing “Tempo rate” in the main menu, press NEXT or PREV button to choose Tempo rate, which is from -8 (slowest) to +8 (fastest).0 is the normal Tempo rate.




.(The function is only for Mp3 format).

**Replay:**

Select **Replay Mode** in the main menu. After enter the mode, "A-B" icon shown and "A" flickers. Short press NEXT button to set start point "A". Then "A" stop to flicker and "B" start to flicker. Press NEXT button to set endpoint. "B" stop to flicker. The player will replay the segment constantly. If press MENU button, the replay course will end and the player will return to normally playing status.

While normally playing, also can enter Replay mode directly and set start point "A" synchronously by pressing REC/A-B button. Then "A-B" shown and "B" flickers, press NEXT button to set endpoint. Replay course starts. If press MENU, the course will end and the player will return to normally playing status.

**Follow Read/ Comparison:**

While replaying, if short press NEXT button, icon  shown, record starts. Short press NEXT button to finish the recording, icon  appears. Then  shown, this is comparison.

**Replay times:**

Replay times decides how many times it will A-B repeat before exit.

**Replay gap:**

Replay gap decides the length of time from the end of last replay to start of next replay.(unit: second ).

### 3.3. Music Playing Pause:

The interface shown as follows:



Short press PLAY button to continue to play and come back to the music playing status.

Long press PLAY button to stop playing and enter power saving status.

Short press NEXT/PREV button to choose the next/previous song.

Long press NEXT/PREV button to choose songs up/down continuously.

Short press REC button to enter Record Mode and start to record.

Short press VOL+/VOL- button to increase/decrease one level of volume.

Long press VOL+/VOL- button to increase/decrease volume continuously.

Short press MENU button to delete music files.

Long press MENU button to exit to main menu.

### 3.4. Enter Music Mode:

Select " MUSIC" in the main menu to enter Music Mode, with the interface shown on LCD as below (Music Mode Interface):

**Operation:**



Short press PLAY button: start to play music.

Long press PLAY button : turn off the player.

Short press NEXT/PREV button: switch to next / previous file.

Long press NEXT/PREV button: switch to lower/upper files continuously.

Short press REC button: enter Record mode and start to record.

Short press VOL+/VOL-: increase/decrease one level of volume.

Long press VOL+/VOL- button: continuously higher/lower volume

Short press MENU button: enter the mode of deleting music files.

Long press MENU button to exit to main menu.

**Delete music file:**

In music stop status, short press MENU button to enter “delete” sub menu as follows:



Select "delete file" to delete a single file , press MENU button:



Press PREV/NEXT button, select "YES", short press PLAY button to confirm to delete.



Delete " all files " in the same way. After deleting the selected files, the player returns to MUSIC Mode Interface.

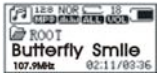
Enter "local folder" to select the directory you are going to. Select "Exit " to exit to MUSIC Mode Interface.

### 3.5\_Lyric displayed:

This player supports "\*.LRC" lyric files (users may download from <http://www.51lrc.com>), and lyrics may be displayed isochronously while playing music.

### Playing Status:

#### 1. Interface:



## **2. Operation:**

Short press PLAY button: music playing pause and lyric stop synchronously.

Long press PLAY button: stop playing and turn off the player.

Short press MENU button to switch back to the current playing interface.

Short press REC button to enter REPLAY mode and start to record.

Short press NEXT/PREV button to select next/previous song.

Long press NEXT/PREV button to fast forward/backward the current music file.

Short press VOL+/VOL- to increase/decrease one level of volume.

Long press VOL+/VOL- to increase/decrease volume continuously.

### **Playing Pause:**

After pause, the process information and the lyric is still kept on the LCD.

### **1 Interface:**



## 2.Operation :

Short press PLAY button: continue to play music and come back to the music playing interface.

Long press PLAY button: stop playing music and enter Power Saving mode.

Long press MENU button: enter main menu.

Short press REC/A-B button to enter RECORD mode directly and start to record immediately.

Short press NEXT/PREV button: choose next/previous song.

Long press NEXT/PREV button: fast forward/backward the current song(s).

Short press VOL+/VOL- button: increase/decrease one level of volume.

Long press VOL+/VOL- button: higher/lower volume continuously.

### **Lyric displayed synchronously:**


How to use lyric files?

Save the lyric file with the same name as that of the corresponding music file.

e.g.: Music file name: Andy-Water.mp3

Lyric file name: Andy-Water.mp3.

How to know whether the lyrics exist?

If no lyric matches the current song, the icon  on the left top in music mode will change to .



### 3.6. File Management :

Users can save files in different folders (folders should be created on PC in advance), to manage and music files according to different types. The player supports identification of 99 subdirectories.

\* At MUSIC Mode Interface or Music Playing Pause Interface, short press MENU button to enter the following interface:

Short press MENU again



Press PREV/NEXT button to select folder, short press PLAY button to confirm and switch back to MUSIC Mode Interface.

\* Short press PLAY again to play the selected folder.

#### Notice

\* Independent folders can be set at corresponding modes as Music Mode, Record Mode and Voice Mode, three modes are not bound to correspond with the same folder.

\*Player will not identify the folder in which there are not music files..

### 3.7. Note:

\* If encountering encoding mistakes, playing will pause.

\* The player will point out the invalid files.

\* Disk unformatted:

If the flash in the player has not been formatted, or data in the flash is damaged with wrong operation, the user will be reminded after turning on the player. That is “unformatted”.

In this case, user can turn off the player and format the player through the attached format tools, or connect the player with PC to format it completely. MENU button is of no effect during the course.

\* No file\_

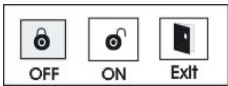
If no music files stored in the player, “no file” will be shown.

### **RF setting:**

On music playing status, short press MENU button to enter MUSIC’s submenu, then short press PREV/NEXT button to choose “FM setting” in the submenu, press MENU button to confirm. The interface shown as follows:



Short press PREV/NEXT button to choose “RF state” to turn on/off the radiation function, choose “RF Freq” to choose different frequencies:



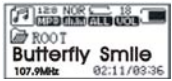
Press PREV/NEXT button to choose the frequency you need and short press MENU button to confirm and exit:

**Available frequency rang: 87.5MHz ~ 108MHz**  
**(total 116 different frequencies: 87.5, 87.6, 87.7,.....107.8, 107.9, 108MHz),**

**You can select the best one between them to get the best radiation effect.**

Exit:

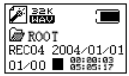
Return to music playing status.



## **\_. RECORD (REC):**

### **5.1 Record Mode Interface:**

Select "Record" in the main menu, press MENU to confirm and enter Record mode. The interface( Record Mode Interface )as below:



Then short press MENU again to enter the sub menu of Record Mode as below (if long press MENU button, it will exit to main menu ) :



“Local Folder”:Choose the directory you are going to enter.

“Exit”: exit to Record Interface.

“REC type”: choose record types.

Four record types provided: Long REC, Fine REC, Fine VOR, Long VOR.

Long REC\_long time record with generic timbre

Fine REC\_fine timbre but short time record

Fine VOR: wav format\_voice control record. Recording will pause if no sound input

Long VOR: act format



### 5.2 Record start:

After entering REC mode , short press PLAY or REC button to start recording. Meanwhile , the LCD will show the length of the record time.



### 5.3 Record pause:

While recording, short press PLAY or REC button to pause. Short press PLAY or REC button again to continue recording.



When recording pause, the current length of record time flickers.

### 5.4 Record stop:



While recording, long press PLAY or REC button to stop recording. Recorded information is stored. The display return to the Record mode interface. Then, if long press PLAY button, it will be turned off.

## \_. Convert ACT Files to WAV Format Files:

6.1 The ACT format files can be converted to WAV format files through the accessory installation tools.

6.1.1 run "Sound Convert Tool" program, and click "Open" button.



6.1.2. choose the ACT files for format conversion.



6.1.3 Click "Convert" button, the conversion starts.



Besides the conversion from ACT to WAV, the accessory tool can also play WAV and MP3 files.

## 6.2. Note:

1. Make sure enough the battery power and memory
2. The player may save 99 record files under each directory.
3. The recorded file is saved in the current folder set in “recording stop submenu/Local folder”.
4. If “over flow” is displayed on the LCD, the player’s memory is full. Please delete other files to make some space available.
5. If “out of folder ” is displayed on the LCD, the current folder has already had 99 recording files. Please switch to another folder.

## 7. VOICE:

### 7.1 Voice Mode Interface:

Select “ Voice “ in the main menu, press MENU button to enter Voice Mode which interface shows as below:



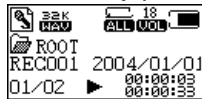
### 7.2 Voice Playing:

#### 7.2.1. Basic functions:

- Play:

In the Voice Mode Interface, select the recorded files by short pressing PREV/NEXT button. Short

press PLAY button. The selected voice file will be played. Shown as follows:



- Fast forward /backward:

While playing, hold on the NEXT/PREV button to fast forward/backward to select the segment in the current voice file. Short press NEXT/PREV button to select next /previous voice file to play.

- Pause / continue to play:

While VOICE playing, short press PLAY button to pause. Press again to continue to play.

- Volume adjustment:

Operate as "MUSIC" part.

- A-B repeat :

Operate as "MUSIC" part.

#### 7.2.2.Voice Playing Pause:



When voice playing pause,

short press PLAY button to continue to play.

Long press PLAY button to turn off.

Short press NEXT/PREV button to select next/previous recorded file.

Long press MENU button to exit to main menu.

### **7.3. Recorded File playing stop status:**

#### **Operation:**

In the Voice Mode Interface,

Short press NEXT/PREV button to select files to play.

Short press PLAY button, the selected files will be played.

Long press PLAY button to turn off the play.

Long press NEXT/PREV button to switch to previous/next directory.

Long press MENU button to exit to main menu.

Short press REC button, enter RECORD mode and start to record.

### **7.4. Delete Voice File:**

Operate as "MUSIC" part.

### **7.5. Note:**

1.No recorded files:

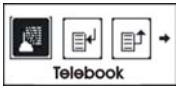
If no recorded files exist or recorded files have been deleted, the player will remind you when you try to play recorded files.

2. Invalid files:

The player will point out damaged recorded files and non-audio files and cannot play such kind of invalid files.

**7.6.TeleBook:**

Select “ TelBook “ in the main menu, press MENU button to enter TeleBook Mode which interface shows as below:



Short press NEXT/PREV button to choose different functions in this mode.

> Browser Tel

user can browser the Tel Book information in MP3 player.

> Import Tel file

Use the telephone directory processing tool installation tools can create the Tel Book file of Tel\_save.bin in PC, put it in root directory of U-disk ,this function can import it in MP3 player .

> Export Tel file

This function can export the Tel Book information from MP3 player and save it is make a readable text file of

Tel\_Expt.bin in root directory of U-disk .

### **Setting:**

Select "setting" in the main menu. The interface shown as follows:



Short press MENU button to enter different modes. Long press MENU button to exit to main menu.

#### **Record Time:**

The user can revise the record date and exact record time point under the mode. The record time "2004-01-01-01-00" has been preset.

Short press VOL+ button, the number of "year" will flicker. Press PREV/NEXT button to revise the year. Short press VOL+ again, the number of "month" will flicker. Press PREV/NEXT button to revise the month. Revise the date, hour, minute, second in turn in the same way. Finally, short press MENU button to confirm and exit.

#### **Screensaver Time:**

Short press PREV/NEXT button to choose screensaver time. Short press MENU button to confirm the selection and exit. Choose "0" to turn off the function.

#### **Screensaver picture:**

The user can advise the screensaver picture freely by short pressing PREV/NEXT button to select the picture. Short press MENU to confirm the selection and exit.

**Languages:**

Simple Chinese , Trad Chinese, English, Japanese, Korean, French, German, Italian, Dutch, Portuguese, Spanish are available.

**Power off:**

Off Time mode refers that, after a fixed period of time (unit: second) when no operation on keys at Stop mode, the player may turn off automatically to save power. If “0” is selected, power saving function is invalid.

**Sleep Timer:**

refers that you may set a fixed period of time (unit: minute) for the player to turn off automatically when no keys operation no matter which mode it is at. This function is specially designed for listening to music before sleep.

**Note:** Setting of Sleep Timer is valid only once and the set time will be cleared after power off. The time needs to be set again next time.

**Replay Mode:**

Choose “manual replay “ or “Auto replay”.

Manual Replay means that at A-B Replay Mode the endpoint B can be set manually only.

Auto Replay means that at A-B Replay Mode the endpoint B can be set automatically. (Especially for English Reading files without music)

**Contrast:**

Set contrast level of LCD window

**Online mode:**

Operating steps refer to other mode setting.  
Some operating systems (under Windows 2K SP4) can not support two driver letters in one USB disk. Thus, if “Private Space” function is on, choose which disk you are going to use, i.e., “single ordinary disk” or “single encrypted disk”, in order for correct display of selected disk after connecting to PC.

**Private Space function:**

Many MP3 users are puzzled by the problem of information disclosure and private data accessed by others. When others borrow MP3, you may have to delete the private information, which may cause big bother.

However, the “Private Space” function provided by this player completely solves the bothering problem.

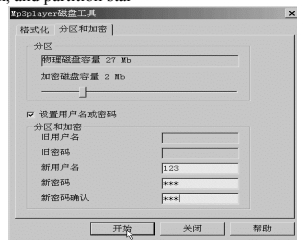
1. Users may divide USB disk of this player by its accessory tools into two parts in any proportion (users may see two driver letters on PC. But SP4 should be installed on operating system of Windows 2K, otherwise only one driver letter can be seen. Without such installation, users must choose “single ordinary disk” or “single encrypted disk” in “Online Mode” of “Sys Setting” menu.), and one part can be encrypted as private space which needs password to access to. (If users do not encrypt both parts, USB memory may be treated as two disks.) Such is the great “Private Space” function.

2. Connect the player to PC.

3. Run the accessory installation tools “MP3 Player Disk Tool”.



The first is format tool. Choose “Partition and encrypt” option, and set a desired capacity for the encrypted disk, then choose the setting of username or password. Fill the username in the blank “New username”, and password in the blank “New password”, then input the same password again in the blank “New password Confirm”. After the above operation, click “Start” button, and partition star



Partition finishes with hints as follows:

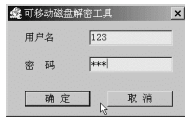


Press “OK”, then PC may restart.

Two disks may be displayed after restarting (only one driver letter may be displayed when under Windows 2K SP4). Click to access the encrypted disk



Run the executable file “RdiskDecrypt.exe”, and input username and password in dialog box. If they are correct, disk can be accessed and files can be copied.



Username and password is required to access to the encrypted disk in every connection to PC.

- \* **Note:** Dividing one disk into two parts may erase the data in it. Please backup the data in disk before division. And merging two parts to one may also erase the data.
- \* **Warning:** Do not lose the user name and password you've input, otherwise you can not access to the encrypted disk and you have to merge the two parts to cancel the encrypted disk with files in it losing.

**Memory info.( Memory information ):**

The number here indicates the total memory capacity of the disk and the percentage of the capacity used.

**Firmware version:**

Able to find the current version of the firmware.

**Firmware upgrade**

The interface is for firmware update.

1. enter the interface first.
2. Run the upgrading tools "MP3 Player Update" on PC, then press "choose firmware of new version" button.



Choose new firmware program (You may find it in accessory CD or download form our website.)



Click “start update” button, update starts



Click “start update” button, update starts.



If upgrading successfully, OLED will display as follows:



**caution:**

- Firmware upgrade is an operation to promote and optimize the performance of the player. Even if the firmware works without upgrading, there is no any influence on the normal operation of the player.
- Incorrect operation of firmware upgrading may cause the player working abnormally. Please read the manual carefully before operation and firmware upgrading should be operated by the people with basic knowledge in computer operation.
- The upgrading firmware is specially programmed for this player only and not suitable for other serial players, and other firmware is not suitable for this player as well.

**Exit**

Exit to main menu.

**Other functions:**

**USB mode:**

**Communicate with PC:**

1\_ PC system requirements:

1\_ Operation system\_ Win98\_ above.

2\_ CUP\_Intel Pentium 200MHz above.

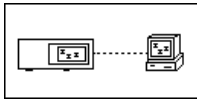
3\_ Capacity\_32M above.

4\_ Interface\_USB1.1 above

2\_Connect the player:

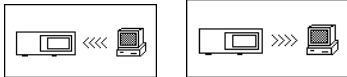
Connect the player with PC.

Connect the player with PC. The disk letter will appear on the computer. This is USB mode. The following icon shows the stop status of USB mode:



3\_File Transfer:

The player can be used as a mobile disk to download/upload files from/ to PC. Show as follows: ( On the status, never untied the connection with PC or data will possibly be lost. )



4\_PC recognition:

After PC recognizes the player, firmware update starts( if needed ), then the player enters USB mode.

5 Exit from USB mode:  
main menu.

**power supply:**

USB can supply power to the player to play and record when the battery cannot supply power.

The player is inside high capability polymer battery.



- > If battery is on low and the player will turn off automatically.
- > You may charge through connecting USB wire to PC or inside charger.
- > The battery display icon and pulse during charge. after finished charge, battery will display full .
- > Battery can charge full about 4 hours continue. the first two times need charge 10 hours.
- > The time of battery use will decide with volume high and low type of playing and key operation.
- > The player set the **Power Off** function (system setting/power off) to save battery power.

The player set the **Open Screen** ( system setting /SCR setting /Open screen) function to save battery power.

**Trouble shooting:**

No display	1.check whether battery has been inserted properly. 2.check if it is powered on.
No voice from earphone	1.check if volume is "zero" status, or earphone is connected properly. 2.make sure the earphone clear 3.make sure file is complete because damaged files may cause noise even not be played.
Characters in LCD are corrupted	1. make sure you have chosen the correct language
Download of music files fails.	1.check whether USB cable is damaged and is connected properly. 2.check whether driver is installed correctly. 3.check whether the player's memory is full.

**Specification:**

Item	Spec
Product type	
Dimension	83mm(L) * 29mm(W)* 12mm(H)
Weight	0.1KG
Double color OLED	Scheme (128*64) row word
Language support	Simple Chinese,Trad Chinese,English,ect.
PC connection	High-speedUSB2.0(Read:1000k,Byte,Write:1000~900k Byte)
Support file format	Music: MP1,MP2,MP3,WMA,WMV,ASF,WAV Record: ACT,WAV
SNR	85dB
Max output of headphone	(L)10mw+(R)10mw(320hm)
Memory Media	1GB / 2GB
Power supply	3.6V polymer cell
Battery	MP3 play: 7 hours, Record: 8 hours, RF: 4 hours
Working temperature	-5 C ~ 40 C
System support	WINSE/ME/2K/XP, Mas OS 10,linux2.4.2 and WIN98 (Do must set driver)
Package	User manual, earphone, home charger, USB cable/charger, set CD driver., antenna. FREE car charger and carrying case.

**Note:** Product design and spec may change without notice!