

Index

Unique Features	2
Declaration	3
1. Locating the Controls	4
2. Basic Operation	4
3. Keys Operation	6
4. Play Music	7
5. Record Voice	8
6. Play Recorded Files	9
7. Convert ACT Files to WAV Format Files	9
8. AMV Convert Tool	10
9. How to use RF SET	11
10. Browse of JPEG	12
11. System Setting	13
12. USB Disk	16
13. Firmware Upgrade	16
14. Select Folders	17
15. Strong Recommendation	20
16. Trouble Shooting	22
17. Specification	22

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

- _ AMV film function
- _ Function of browse of JPEG,BMP,GIF picture
- _ Exquisite Appearance
 - Unique appearance designed as a gold brick and comfortable for handling
- _ Multi-Code Player
 - Supporting MP1, MP2, MP3, WMA, WMV, ASF and WAV formats
- _ Firmware Upgrade
 - Providing the latest updated features via firmware upgrade from the website
- _ RF Function (Only In Certain Models)
 - You may easily listen to FM stations and set your favorite stations by using Auto Preset or Manual Preset. The player can save 40 (20 for each Band) local stations at different frequency.
- _ 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.

_ 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.

Declaration

* Thank you for your purchase.

* Please read this manual carefully before using your new player.

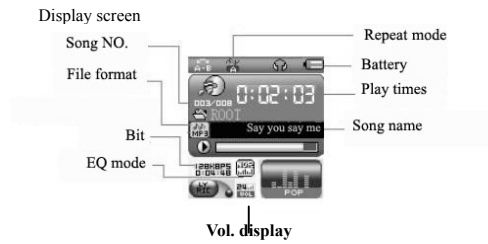
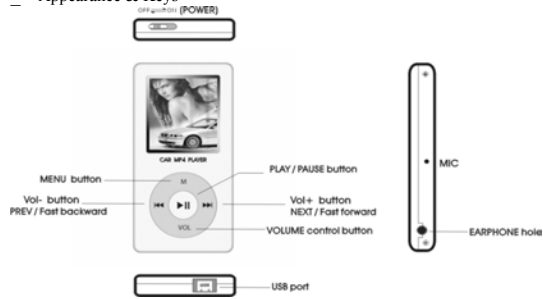
* Contents in this manual may change possibly for better service.

* We have the right to make changes to this manual without notice.

If the actual operations of your player is not the same as the instruction in this manual, please visit our website for latest product information.

1. Locating the Controls

Appearance & Keys



2. Basic Operation

● Entering Menu System

Pressing *M* button may enter the menu system, including main menu (long press of *M* key at Stop mode), submenu at Play mode (press to enter) and submenu at stop mode (press to enter).

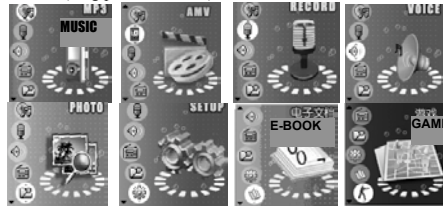
● Browsing

Fast forward or fast backward when playing music

- **Entering Different Modes**

You may enter different modes from the main menu.

Main menu: (long press *M* button)



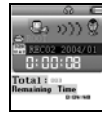
E-BOOK

GAME

Music mode:



Record mode:



Voice mode:

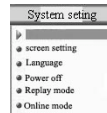


FM transmitter:



Browsing Pictures:

System Setting:



USB Mode when connecting to PC:



- **Volume Control**

Press ◀◀ button to decrease Volume.

Press ▶▶ button to increase Volume.

- **Turn On/Off**

Long press ▶||

Note: turn on/off the power

- **Play& Stop (Pause when recording)**

Press ▶||

You may press ▶|| button to fast exit from any menu or option interfaces.

3. Keys Operation

3.1 Star/Play/Pause/Stop, press ▶|| button.

3.2 “ON/OFF”: Take on or take off the mp4 player.

3.3 *M* : Enters in the main menu or submenu.

3.4 *VOL*: To adjust the volume

3.5 ▶▶: To the next or speed play

3.6 ◀◀: The previous or skip backward.

4. Play Music

- **Basic Operation**

- 1) Connect the earphones
 - 2) Push the Power switch to ON
Long press ►|| button to turn on the player and enter Music mode.
Press ►|| button again to play music.
 - 3) To select music
 - ◀ : to select previous music
 - ▶▶ : to select next music
 - 4) To adjust the volume
Press ◀◀ button to decrease Volume.
Press ▶▶ button to increase Volume.
- **EQUALIZER Mode**
 - 1) Playing music status
 - 2) Press *M* button to enter Play Submenu
 - 3) Push ▶▶ switch to select Equalizer menu
 - 4) Press *M* button to enter EQUALIZER selection Menu.
 - 5) Push ▶▶ button to select, and press *M* button to confirm selection.
 - **Lyric Display (Kara-OK Function)**

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

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.lrc

 - 1) The current song has matching lyric file, but don't display.
 - 2) Long press *M* to enter the Lyric Interface.
 - 3) Press *M* to return to Music play mode.
 - 4) Browse lyrics manually.

Press **VOL** to browse lyrics.

5. Record Voice

Make sure that the battery is not in the status of "low battery".

The player may save 99 recording files under each directory.

● Start recording in Record Mode

1) Enter main menu.



2) Push **▶▶** switch to select recording mode.

3) Press **M** button to enter Record mode.

4) Press **▶||** button to start recording.

5) Press **▶||** button to pause recording. (The time icon flickers)

Press **▶||** button to continue recording.

Long press **▶||** button to stop recording.

NOTE:

- The recorded file is saved in the current folder set in "Recording Stop submenu/ /Local Folder".
- If "Overflow" is displayed on the screen, the player's memory is full. Please delete other files to make some space available.
If "over record" is displayed on the screen, the current directory has already had 99 recording files. Please switch to another directory.

● Select Recording Type





1) On the status of Stop Recording

2) Press **M** to enter Record Submenu.

3) Push **▶▶** to select REC Type option

- 4) Press **M** to enter this option
- 5) Push **▶▶** to select desired recording type
- 6) Press **M** to confirm the type selected
- 7) Press **▶||** to start recording

◆ Recording Type:

	Fine REC	WAM format	Fine timbre
	Long REC	ACT format	Generic timbre
	Fine VOR	WAV format	Voice control record
	Long VOR	ACT format	Voice control record

6. Play Recorded Files

- 1) Enter main menu.
- 2) Push **▶▶** to select “Voice mode”.
- 3) Press **M** to enter Voice mode interface.
- 4) Press **▶||** to start playing.
- 5) Select recorded files:
 - ◀◀**: to select the previous recorded file
 - ▶▶**: to select the next recorded file

7. Convert ACT Files to WAV Format Files

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

- 1) Run “Sound Converter” program, and click “**Open**” button.
- 2) Choose the ACT files for format conversion.
- 3) Click “Convert” button, the conversion starts.

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

8. AMV Convert Tool

The Audio/video files can be converted to AMV files by tools in provided CD driver. The tool supports video format files' conversion, such as:

- 1) AVI format files, extension name: avi.
- 2) Windows Media format files, extension name: asf., wmv.
- 3) MPEG1 format files, extension name: mpg., mpeg.
- 4) Realplay format files, extension name: rm.
- 5) Quicktime format files, extension name: mov.
- 6) MPEG2 format files: extension name: vob.

Operating system: Windows98, Windows Me, Windows2000, Windows XP, Windows Media Player (9.0 Version or above), DirectX (9.0 Version or above).

● **How to Install AMV Convert Tool?**

- 1) If PC can automatically run installation program:

Startup PC, firstly insert installation CD under Windows system, which will run the installation program automatically. Then click "next" continuously until it indicates "success" according to PC's indication. Finally click "Close" to finish the process.

- 2) If PC cannot automatically run installation program:

Double click "Setup.exe" file under the CD's root directory to startup installation guide in "my computer".

Click "next" continuously until it indicates "success", then click "Close" to finish installation program.

After Installing the AMV Convert Tool successfully, "MP3 Player Utilities" program group will be auto-created at Menu "Start — Program". "AMV Convert Tool" is convert tool, and "AMV Player" is playing program, which is for playing converted AMV files.

Operating interface:

- a) AMV Converting interface:
- b) Choosing Video file to convert:



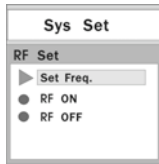
c) Property Set for AMV Convert Tool: d) AMV Convert finished:



9. How to use RF SET:

RF Set:





1) Turn on RF function: enter main menu, choose "SETUP", enter submenu "RF set", then choose "RF ON" by pressing "M" button. Enter "RF set" again, choose "RF Freq.", a frequency interface is shown.

a) Short press ►► button one time to increase 0.1MHz, long press ►► button (about 2S) to skip forward, press ►► button again to stop. Press "M" button to save the selection finally.

b) Short press ◄◄ button one time to decrease 0.1MHz, long press ◄◄ button (about 2S) to skip backward, press ◄◄ button again to stop. Press "M" button to save the selection finally.

2) Enter submenu "RF set", choose "RF off" to stop the wireless FM transmitting.

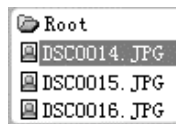
3) Make sure the set frequency corresponds to FM receiver's.

4) Transmission distance: 10M.

5) Frequency rang: 76.0-108.0Mhz, 0.1 MHz interval.

10. Browse of JPEG

A. File selection:



Enter the file selection

Press the ►| button and browse JPEG

Press the ►►/◀◀ button to selects the next/last file.

Press the *M* button, enter the stop submenu: 1.Local folder, 2.Play set, 3.Delete, 4.Exit

Play set: manual play and auto play

Auto play: you can set the page turning time from 1 sec. to 8sec.

B. Browse picture

Enter the browsing picture:



Press the ►►/◀◀ button to play the next/Prev. picture

Long press *M* button to enter pervious menu

11. System Setting

System parameters can be set here and every option varies according to firmware upgrading.

Enter main menu, push ►► button to select System setting icon, and then press *M* button to enter System Setting submenu interface is as follows:

```
► Record times
● LCD Set
● Lanuage
● power off
```

● Parameters Introduction

1. Record time	Set the time and date when recorded files are saved
2. Screen set	Set the LCD light
3. Language	Set different languages displayed
4. Power off	Set a fixed time after which the player may turn power off automatically
5. Charge set	Set to charge or not

6. Replay mode	Set working status on Replay Mode
7. FM transmitter	Frequency range: 76.0MHz ~ 108.0MHz
8. Online Mode	An option specially designed for "Private Space" function
9. Memory info.	Show memory capacity and percentage that has been used
10. F/W version	Show firmware version
11. F/W upgrade	Special for firmware upgrading
12. Exit	Exit from current interface

● **Instruction**

– **Language**

1) At System setting interface, push ► / ◀ button to select "Language" icon;

2) Press *M* button to enter "Language" setting interface;

3) Push ► / ◀ button to select desired language.

The icon correspond language: Simple Chinese, English, Trad., Chinese, Japanese, Korean, French, Italian, German, Spanish, Swedish, Portugal, Denmark, Dutch.

4) Press *M* to confirm to exit.

– **OLED Set**

1) Brightness: accommodate the brightness.

2) Black mode (0-30): Set up in how long have not button operate, screen darken.

3) Exit

– **Power Off**

Operating steps refer to Language setting.

Off Time mode refers that after a fixed period of time (time optional: 0 – 120 seconds) when no operation on keys at Stop mode, the player may turns 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 (time optional: 0 – 120 minutes) 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**

Operating steps refer to Equalizer Setting

Manual Replay means that at A-BReplay 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)

– **Online Mode**

Operating steps refers to Equalizer 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.

– **Memory Info.**

The number displayed represents total memory capacity and the percentage refers the capacity used.

– **F/W Version**

Operating steps refers to Language setting..

– **F/W Upgrade**

It is specially designed for Firmware Upgrade.



Tips: After pressing *M* button to select options, you may press ►|| button to exit from menu directly. The operation on ►|| button for direct exit is valid to all menus.

12. USB Disk

The player supports standard USB disk function with operating system of Windows98 (driver needed), Windows 2K and above (driver free), Mac OS 10.3 and above, Linux Redhat 8.0 and above.

The player supports power supply through USB. At Standby Mode, press **M** to quit to main menu, then select to enter desired mode.

The player also supports Suspend Mode.

How to connect to PC? Turn on the player and plugs the USB cable to enter the following Mode 1.

The player may display three modes after connecting to PC:

- 1) Standby State
- 2) Downloading state
- 3) Uploading Mode

13. Firmware Upgrade

The player supports firmware upgrading or maintenance through installing special tools on PC.

- 1) Enter main menu.
- 2) Push **▶▶** to select "System Setting"
- 3) Press **M** to enter System Setting
- 4) Push **▶▶** to select Firmware Upgrade.
- 5) Press **M** to enter Firmware Upgrade interface
- 6) Connect player to PC
- 7) Run the upgrading tools "MP3 Player Update" on PC, then press "choose firmware of new version" button.
- 8) Choose new firmware program (You may find it in accessory CD or download form our website.)
- 9) Press **▶||** button, the system starts upgrading.

10) If upgrading successfully, screen will display.



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 the people should operate firmware upgrading 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.

14. Select Folders

● **Select Folders (At Stop Submenu)**

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

- 1) At Stop interface. (Current example is at Music Mode, and folders can be selected at both Record and Voice Mode as well.)
- 2) Press **M** to enter Stop Submenu.
- 3) Press **M** again to enter Select Folder interface.
- 4) Press **▶▶** or **◀◀** to select folders.
- 5) Press **M** to confirm the folders selected

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

● **Delete File (At Stop Submenu)**

Files and FM stations can be deleted at corresponding modes as Music Mode, Voice Mode and FM Mode.

- 1) At Stop Interface, No Stop Interface exists at FM Mode.
- 2) Press **M** to enter Stop Submenu.
- 3) Press **▶▶/◀◀** to select “Delete” or “Delete All”.
- 4) Press **M** to enter Delete Interface.
- 5) Push **▶▶** to switch between “NO” and “YES”.
- 6) Press **M** to confirm and deletion starts.

• “Delete all” means to delete all the relevant files at current mode in current folder. (For example, at Music Mode executing “Delete All”, all the music files in current files may be deleted, while recorded files without change.)








• The deleting interface is much simpler at FM Mode, only to the 3rd step. It is the saved stations to be deleted.

• When deleting files on PC, please take care to eject the player safely before pulling out USB cable, otherwise files may not be deleted.

● **Play Mode (Play Submenu)**

When playing music and recorded files, different play modes can be selected. (such as Repeat, shuffle, etc.)

The first option in Play Submenu is Play Mode. The player will play files according to the mode selected.

- REPEAT
 -  Normal Play files in current folder in normal sequence
 -  Repeat One Play a single music file repeatedly
 -  Folder Play all music files in current folder in sequence
 -  Repeat Folder Play all music files in current folder repeatedly
 -  Repeat All Play all music files repeatedly
- SHUFFLE
 -  Random Play music files in current folder randomly
- INTRO
 -  Intro Play the first 10 seconds of each music file in

- **Tempo Rate (Play Submenu)**

When playing music (Only for MP3 formats) or recorded files, different tempo rate can be set (faster or slower) without changing the tone and sound.

- 1) When playing music files
- 2) Press **M** to enter Play Submenu
- 3) Push **▶▶** to select Tempo Rate
- 4) Press **M** to enter Tempo Rate
- 5) Push **▶▶** to quicken tempo rate and push **◀◀** to slow down tempo rate.
- 6) Press **M** button to confirm desired tempo rate to exit the current interface.


Note: Tempo Rate set is suitable to each music file till it is changed.

- **Replay Mode**


- ◆ Enter Play Submenu to enter.

- **A-B Replay**



- 1) At Music Mode or Voice Mode
- 2) Press **M** to enter Play Submenu.
- 3) Push **▶▶** to select "Replay".
- 4) Press **M** to enter Replay.

"A" flickers in Replay Mode icon  and start point is to be set.

- 5) Push **▶▶** to set "A".

After "A" set, "B" flickers in icon  endpoint B needs to be set.

- 6) Push **▶▶** to set "B".

Replay icon  is fixed and A-B segment replay begins. When replay times count up to times set in advance, the player will quit from Replay Mode. At Replay Mode, pushing  can set "A" again to select another segment. (Setting of replay times refers to "Replay Times" in the next section.

- **Replay Times (Play Submenu)**

Operating steps refer to Backlight setting.

Replay times mean that after A-B segment has been replayed up to fixed times, it will exit from Replay Mode.

- **Replay Gap (Play Submenu)**

Operating steps refer to Backlight setting.

Replay gap means the break period between different playing times (unit: second).

15. Strong Recommendation


- **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.

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.

- 1) Connect the player to PC.
- 2) Run the accessory installation tools "MP3 Player Disk Tool".
- 3) 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  button, and partition starts.

- 4) 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 (the second one), and there are three files in it, two private files and one executable file with only 300K memory space.

Run the executable file "R disk Decrypt.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.

16. Trouble Shooting

No Power	* Check whether the battery have been inserted properly.
----------	--

No sound is heard from headphone.	<ul style="list-style-type: none"> * Check whether the player is turned ON. * Check whether Volume is set "0" and connect the headphone plugs firmly. * Check whether the headphone plug is dirty. * Corrupted MP3 may make a static noise and the sound may cut off. Make sure that the music files are not corrupted.
Characters in LCM are corrupted	<ul style="list-style-type: none"> * Check whether the right language has been selected.
FM Reception is poor.	<ul style="list-style-type: none"> * Adjust the position of the headphone and player. * Turn off the power of other electric devices near the player. * The headphone may be used as the antenna.
Download of music files fails.	<ul style="list-style-type: none"> * Check whether USB cable is damaged and is connected properly. * Check whether driver is installed correctly. * Check whether the player's memory is full.

17. Specification

Dimension	89 mm (L) x 40mm (w) x 7mm (D)	
Weight	30g	
LCM Window	1.5" really applauds	
PC connection	Full-speed USB2.0	
Flash memory	1GB / 2GB	
Power supply	3.6V lithium cell power supply. Working in normal states: play MP3 files for 8 hours, play AMV format files for 6 hours; Working in RF ON state: play MP3 files for 6 hours, play AMV format files for 4 hours.	
Record	Sample rate	8KHz
	Recording format	WAV (32K bps), ACT (8K bps)
	Recording time	35 hours ACT, 128M Flash
MP3 WMA WMV ASF	Max. output of earphone	L 10mW R 10mW 320hm
	MP3 bit rate	8K bps - 320K bps
	WMA, WMV, ASF bit rate	5K bps - 384K bps
	Frequency response	20Hz to 20KHz
	SNR	85dB
	Distortion	< 0.05%
FM Transmitter Frequency	Frequency range	76.0MHz ~ 108.0MHz

Earphone output	Max. output of earphone	L_10mW_R_10mW_
	SNR	32Ohm 45dB
Music formats	MP1, MP2, MP3, WMA, WMV, ASF, WAV	
Working temperature	-5 to 40 C	
multi-language menu	Simple Chinese, Trad. Chinese, Japanese, Korean, English, French, Italian, German, Spanish, Swedish, Portugal, Denmark, Dutch, Russian, Czech	
Operating System	Windows98/SE/ME/2K/XP, Mac OS 10, Linux 2.4.2	
Accessories	User's manual, earphone, home charger, USB cable/charger, CD driver, antenna. FREE car charger and carrying case.	

Note: Product design and spec may change without notice.