

Preface

Thanks for using the portable digital MP3 player product presented by this company!

In order that you can operate this device freely and easily as soon as possible, please read this manual carefully before using, so that you can properly use the device.

No further notice will be provided on any variation on the information contained in this manual and this company shall not undertake any responsibility for any events caused by any error or omission in this manual.

Table of Content

Preface.....	1
Table of Content.....	2
I. Main Functions.....	3
II. Precautions.....	3
III. Appearance and Buttons.....	4
IV. Main Interface.....	4
V. Music Playing.....	5
VI. Video Playing.....	7
VII. FM Radio.....	8
VIII. Image Browsing.....	10
IX. E-book Reading.....	11
X. Recording.....	12
XI. Resource Manager.....	13
XII. Games.....	14
XIII. Settings.....	15
XIV. Video File Making.....	18
XV. System Updating.....	21
XVI. Resolution of Common Problems.....	23
XVII. Specifications.....	24

I. Main Functions

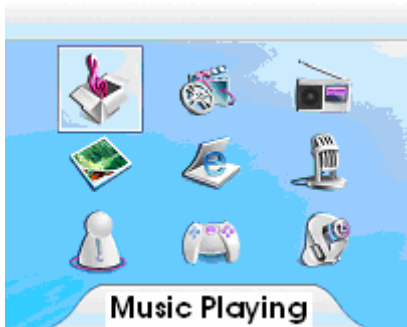
- 220X176 matrix full-color high-speed TFT display
- Support MP3, WMA and WAV music formats
- Support MPEG-4(AVI) video format
- Up to 40 channels can be saved for FM radio
- Support JPEG image browsing
- Built-in microphone and super-long-time recording
- Power-saving setting, brightness adjustable and automatic turn-off
- Various EQ and circulation options
- Support various languages
- Support WIN98SE/ME, WIN2000 and WIN XP systems
- USB2.0 high-speed transmission
- Support e-book reading
- Support game function
- Mobile hard disc function
- Support firmware updating

II. Precautions

- 1 . Do not use this player in an extremely hot, cold, dusty, wet or dry environment.
- 2 . Do not drop the player when using
- 3 . The life of battery may differ according to different environments, manufacturers and dates of manufacturing.
- 4 . Please recharge the player in following cases:
 - A. The battery power icon shows it's in low power
 - B. The system is turned off automatically and after being turned on, it turns off again soon
 - C. The button operations do not work
- 5 . Do not break the connection when the player is conducting formatting or uploading and downloading, otherwise program errors may occur.

- 6 . When this device is used as a mobile hard disc, the user shall store and export files following proper file management operations. Improper operations may cause file loss, for which, this company will not undertake any responsibility.
- 7 . When this device is connected to the USB port of a running PC, it can be recharged not matter it's on or off.
- 8 . Do not dissemble this device by yourself. Should you have any problem, please contact the distributor.
- 9 . No further notice will be provided on any change in performance and function of the product.

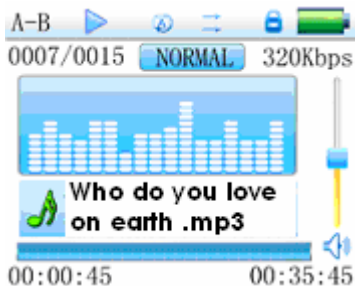
III. Main Interface



In the main interface, press “◀/▶” button and “+/-” button to select from the functions, and press “MENU” button to enter the selected function.

Press PLAY button to enter music playing.

IV. Music Playing



Select the “Music Playing” option in the main menu and press “MENU” button to enter. You will enter the music file resource manager first.

Button functions:

- Press “+/-” to select from music files
- When a directory is selected, press “MENU” button to enter the playing interface and play the songs.
- When playing music, press “MENU” button to enter the resource manager and press & hold to return to the main interface. During such a course, the music playing will not be interrupted.

Functions:

1. Volume adjustment

Press “VOL” button and then press “◀/▶” button to increase/decrease the volume.

2. Play list

Press “MENU” button to enter music file play list.

3 . EQ settings

Press & hold “MENU” button to return to the main interface, select settings, then select playing setting and then enter EQ selection. You can select from 8 EQ modes, including NOR, 3D, ROCK, POP, CLASS, BASS, JAZZ and USER. Select each option by clicking “MENU” button and enjoy different music effects.

- 6-

4 . A-B repeating

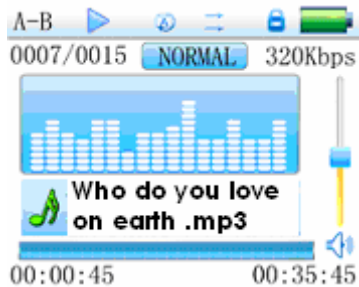
Press “VOL” button and then press “MENU” button to set the starting point under playing status, which is displayed as status “A-”; press “MENU” button twice to set the ending point, which is displayed as status “A-B”, and start circular repeating; press “A-B” for 3 times to exit repeating mode; under pausing status, the “A-B repeating” function does not work.

Under “A-” or “A-B” status, press “MENU” for fast forward or fast backward and 当 cancel “A-B repeating” function.

5 . Lyric display

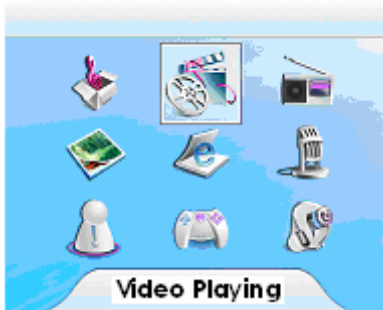
Press & hold “VOL” button to switch between playing interface and lyric displaying interface.

When there is a lyric file with a name same with that of the song in the directory of the song, the player will enter the lyric displaying interface directly.



-7-

VI. Video Playing



Button functions:

- Press “◀/▶” button to select from video files.
- When a file is selected, press “MENU” button to enter and play the file.
- When playing, press “MENU” button to return to the previous level of video file list and press & hold “MENU” button to return to the main interface of video playing.



Functions:

- 1 . Fast forward/backward

In the video playing interface, press “◀/▶” button for fast forward or fast backward.

- 2 . Play list

Press “MENU” button to enter the video file list, press “◀/▶” button to

select from the video files and press & hold to return to the main interface of video playing.

- 8-

3 . Volume adjustment

Press “VOL” button and then press “◀/▶” button to increase/decrease the volume.

VII. FM Radio

Select the “FM Radio” option in the main menu and press “MENU” button to enter.

1 . Channel searching

Select the manual option, press “◀/▶” button to search channels upwards/downwards manually. When in this operation, the player is in mute mode;

Select the automatic option, the player will search channels upwards/downwards automatically, starting for current frequency to the next channel found and automatically locked.

2 . Channel saving

Press “PLAY” button to save current channel, select positions for the channels to be saved in CH1, CH2..., and then press “PLAY” button again to save.

3 . Channel presetting and manual switching

Press “MENU” button for channel presetting and manual switching. Press “◀/▶” button select a channel.

Full-automatic channel searching and saving

Select the automatic option and press “MENU” button tot conduct

full-automatic channel searching and saving and after finishing searching, the player will be switched to the first preset channel for broadcasting reception. During the course of channel searching, the buttons do not work, but you can return to the main interface by pressing & holding MENU button.

4 . Channel deleting

Select deletion, press “MENU” button, select the channel to be deleted and press “PLAY” button to confirm on the deletion.

5 . Volume adjustment

Press “VOL” button and then press “◀/▶” button to increase/decrease the volume.

~~VIII. Image Browsing~~

Select the “Image Browsing” option in the main menu and press “MENU” button to enter. You will enter the image file list first.



Button functions:

- Press “◀/▶” button to select from the files
- When a file is selected, press “MENU” button to view the image in full screen.
- Press “MENU” button to return to the previous level of image resource manager.
- Press “MENU” button to return to the main interface of “Image Browsing”.

IX. E-book Reading

Select the “E-book Reading” option in the main menu and press “MENU” button to enter. You will enter the e-book file list first.

Button functions:

- Press “◀/▶” button to select from the files.
- When a file is selected, press “MENU” button to enter the interface of e-book reading.
- Press “MENU” button to return to the previous level of e-book file list.
- Press & hold “MENU” button to return to the main interface of “E-book Reading”.

Functions:

- 1 . Press “MENU” button to enter the interface of e-book reading
- 2 . Press “◀/▶” button to single line turning

- 13 -

- 3 . Press “PLAY” button to display the list of saved bookmarks, press “◀/▶” button to select from the bookmarks and press “MENU” button to confirm on saving, or press “◀” button to exit.
- 4 . Press “VOL” button to display the list of bookmarks to be drawn, press “◀/▶” button to select from the bookmarks and press “MENU” button to confirm on drawing, or press “◀” button to exit.

When reading, you can estimate the remaining content according to the progress bar on the right side.

The bookmarks are only effective for current file, and for other files, the bookmarks shall be set again.

X. Recording

Select “Recording” option in the main menu and press “MENU” button to enter the “Recording” interface. There are two options: “MIC REC” and “LINE IN”.





Operations:

Recording

- 1 . Press “MENU” button to enter the recording interface and press “PLAY” button to start recording.
- 2 . Press “PLAY” button to pause recording and press & hold “MENU” button to save the recorded file.

Replaying of recorded file

- 1 . Press “MENU” button to enter the main interface of “Music Playing”.
- 2 . Press “MENU” button to enter the resource manager, then press “◀/▶” button to select “VOICE” or “LINEIN” folder.
- 3 . Press “MENU” button to enter and press “◀/▶” button to select the recorded files you want replay, and press “MENU” button to play.
- 4 . Press “VOL” button and press “◀/▶” button to increase/decrease the volume.

Press “MENU” button to enter the option and all files stored in the player will be displayed in resource manager.

1) Select files

- Press “◀/▶” button to select files;
- When a folder is selected, press “MENU” button to enter the folder.
- When a file is selected, press “MENU” button to enter the corresponding playing interface. If the file cannot be recognized, the button will not work.
- Press “◀” button to return to the previous level of directory
- Press & hold “MENU” button to return to the main interface of resource manager

2) Delete files

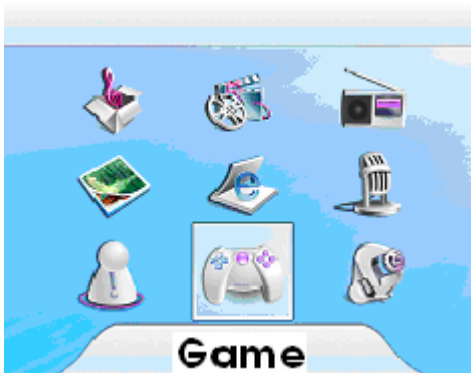
When you need to delete any file, press & hold “VOL” button on the selected file and a deletion dialogue box will pop up. Press “◀/▶” button to select “Confirm” or “Cancel” and press “MENU” button to delete the file.

3) If you want to exit file deletion, press “◀/▶” button and select “Cancel”, then press “MENU” button to exit the deletion dialogue box.

4) After the file deletion is confirmed, the playing of current music will be stopped.

XII. Games

Press “MENU” button to enter the option.



Control the dropping speed of the falling object with “▶” button and rotate the square with “MENU” button. When a line is fully filled with squares, it will be cleared and the squares above this line will move downwards. The game will be over till there is no space for more squares. If one line is cleared once, 100 points will scored and 300 points for two lines, 700 points for three lines and 1500 points for four lines. When the total score is over 10000, the dropping speed will be increased.

Operations:

1 . Start and pause

Press “PLAY” button to switch between start and pause.

2 . How to play

Press “◀/▶” button to move the square horizontally, “VOL” button to adjust the direction of the square and “MENU” button to accelerate the falling speed.

3 . Exit

Press & hold “MENU” button to exit the game and return to the main interface of game.

XIII. Settings

Select “Setting” option in the main menu and press “MENU” button to enter, then press “◀/▶” button to select from the setting items and press “MENU” button to enter.

Note: in the menu, press “◀” button to return to the previous menu.

1 . Playing setting

There are 4 options in this setting: repeating setting, playing setting, EQ selection and user EQ adjustment. Press “◀/▶” button to select from the options or press “MENU” button to enter the submenu. When in any one of the 4 options, press “◀/▶” button to select corresponding settings and press “MENU” button to confirm, exit and save the settings.

Repeating setting

Under this menu, there are 7 options: single once, repeat single, directory once, repeat directory, all once, repeat all and intro.

Playing setting

Under this menu, there are 2 options: sequent playing and random playing.

EQ selection

Under this menu, there 8 options: normal, 3D, rock, pop, classic, bass, jazz and user.

User EQ setting

Under this menu, there are five frequencies, each having 7 levels, for users to adjust.

2 . Radio setting

In this setting, there are 2 options: stereo switch and areas for reception. Press “◀/▶” button to select from the setting items or press “MENU” button to enter the submenu. When in any one of the 2 options, press “◀/▶” button to select from the corresponding settings and press “MENU”

button to confirm, exit and save the settings.

Stereo switch

Under this menu, there are 2 options: On and Off.

Areas for reception

Under this menu, there are 4 options: China, Europe, Japan and America.

3 . Recording setting

In this setting, there are 3 options: recording quality, recording volume and switch of automatic detection. Press “◀/▶” button to select from the setting items or press “MENU” button to enter the submenu. When in any one of the 3 options, press “◀/▶” button to select the corresponding settings and press “MENU” button to confirm, exit and save the settings.

Recording quality

Under this menu, there are 2 options: high quality and average quality.

Recording volume

Under this menu, there are 5 options: +1, +2, +3, +4 and +5. With a higher level, the recording volume will be higher.

Switch of automatic detection

Under this menu, there are 2 options: On and Off.

4 . Display setting

In this setting, there are 3 options: background light time, brightness adjustment and background light display mode. Press “◀/▶” button from the setting items and press “MENU” button to enter the submenu. When in any one of the 3 options, press “◀/▶” button to select the corresponding setting

- 19 -

and press “MENU” button to confirm, exit and save the settings.

Background light time

Under this menu, there are 6 options: 5 seconds, 10 seconds, 15 seconds, 20 seconds , 30 seconds and keep on.

Brightness adjustment

Under this menu, there are 5 options: 1, 2, 3, 4 and 5. With a higher level, the brightness is higher.

Background light display mode

Under this menu, there are 2 options: normal and power-saving mode.

5 . System setting

In this setting, there are 4 options: languages, product information, firmware updating and default system setting recovery. Press “◀/▶” button to select from the setting items or press “MENU” button to enter the submenu or press “◀” to return to the previous menu. When in any one of the 4 options, press “◀/▶” button to select the corresponding setting and press “MENU” button to confirm, exit and save the settings.

Languages

Under this menu, there are 3 options: Chinese Simplified, Chinese Traditional and English.

Product information

Under this menu, the options include storage capacity of the player, remaining space and system software version. Such information is read only. Press “MENU” button to exit.

Firmware updating

Under this menu, a dialogue box will pop up, press “◀/▶” to select “Confirm” or “Cancel”, and press “MENU” button to confirm whether to update the firmware or not.

Default system setting recovery

Under this menu, a dialogue box will pop up, press “◀/▶” button to select “Confirm” or “Cancel”, and press “MENU” button to confirm whether to recover the default system setting or not.

-20-

6 . Sleep turn-off time

In this setting, there is 1 option: turn-off time. When in the option, press “◀/▶” button to confirm, exit and save the settings.

Turn-off time

Under this menu, there are 6 options: Off, 3 minutes, 5 minutes, 10 minutes, 15 minutes and 20 minutes.

XIV. Video File Making

AVI is the most popular video format for portable media player and it's one of the most wide-spread formats on the Internet for the time being. Video files with XviD / DivX format codes may have higher video quality as well as a smaller file size. As for the viewing quality, the effect of video files with XviD / DivX format codes is no poorer than that of those with WMV or RMVB format codes.

This tool can convert avi, mpg, mpeg, rm, rmvb, wmv and dat formats into AVI format with the highest speed and quality.

XVI. Resolution of Common Problems

- 1 . The player cannot be switched on
 - Check whether the battery is in low power
 - Connect the power adaptor and check again
 - If the player cannot be switched on after being recharged, please contact our customer service staff.
- 2 . No sound from the headset
 - Check whether the volume has been set as 0.
 - Check whether the headset has been correctly connected.
- 3 . The buttons do not work
 - Check whether the electronic lock has been activated, if yes, please press & hold EQ button to unlock and try again.
- 4 . Serious noise
 - Check whether the headset plug is clean enough, as dirt may cause noise
 - Check whether the music file has been damaged. Try playing other music files to confirm. If the file has been damaged, it may cause serious noise or skip sound.
- 5 . Poor FM reception
 - Adjust the positions of headset and player
 - Turn off electrical devices in surrounding environment
 - The headset can be used as an antenna

- 6 . Clobbers are displayed on the screen
- Check whether the language options have been correctly set. The languages can be set in <Settings>--<System Setting>--<Languages>.
- 7 . Files cannot be downloaded
- Check whether the player has been connected to the PC correctly
 - Check whether the storage space has been fully occupied
 - Check whether the USB cable has been damaged

-26-

~~XVII.~~ Specifications

Specifications

Display	Matrix (220*176), 65K Colors	
Display Driver (LCM)	SSD1286	
PC Connection	USB2.0 (HIGH SPEED)	
Memory	Flash storage:128M-2GB	
Power	Lithium battery 450mAh	
	Max. playing time: 5 hours	
Recording	Sampling rate	8KHz/16KHz
	Recording format	WAV (32K bps/64Kbps)
	Recording time	8 hours (128M Flash)
MP3, WMA	Max. headset output	(L) 5mW + (R) 5mW (32Ohm)
	MP3 bit rate	8K bps-320K bps
	WMA bit rate	32K bps-384K bps
	Frequency response	20Hz to 20KHz
	SNR	85dB

	Degree of distortion	0.06%
FM Radio	Range of reception	76MHz-90MHz/87.5MHz-108MHz
	No. of channels saved	20 + 20
	Max. headset output	(L) 5mW + (R) 5mW (32Ohm)
	SNR	45dB
Music Formats	MP1, MP2, MP3, WMA, WAV	
Environment Temperature	-5 C ⁰ to 40 C ⁰	
Languages	Chinese Simplified, English, Chinese Traditional	
Operation Systems	Windows98/SE/ME/2K/XP	