






Function:

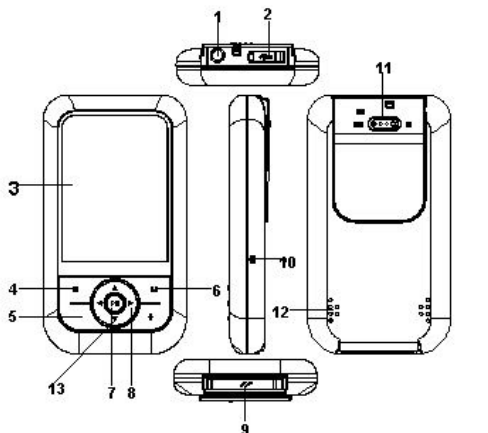
- Support AVI/MP4/3GP various Video formats (other formats can be converted by software).
- Support MP3/ WMA/WAV/AAC various Music formats, lyrical display, 5 EQ modes etc.
- Support E-book
- Support browse various picture formats of JPG,BMP,GIF etc, you can zoom picture;
- High Quality Digital FM, support Auto / Manual searching modes, European/Japan frequency
- Support mini games of Bet 21, Russian Diamonds, ect.
- USB 2.0
- Support Win 98se / ME/ 2000 / XP/ VISTA
- Support NAND FLASH;
- Support Multi-language;
- Support Playing list management;
- Support Firmware Upgrade;

I. Basic Operation

1. Power on: Pull the Power key to ON position,

- press  and hold it for 3 seconds
2. Power off: press  for 3 seconds to power off and, put the power key to OFF position
 3. System will auto power off and stand by when low battery
 4. In the main menu, Press  key to confirm specified menu; press "▼" or "▲" to move the cursor
 5. In FM model, music or video, Press "+" or "-" to adjust volume.;
 6. When playing Music or Movie, press  to play or pause, press  for 3 seconds to stop
 7. The screen savers program will start when no operation in a long time (default 10 seconds), Press any key to return playing
 8. When playing, press C to return to previous menu

II: Function Description



1.EARPHONE JACK

2.USB JACK

3.DISPLAY

4.CANCEL KEY

5.VOLUME KEY

6.MENU KEY

7.PLAY/PAUSE/STOP

8.RIGHT/LEFT KEY

9.SD CARD

10.MIC

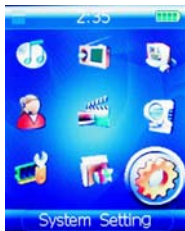
11. POWER ON/OFF KEY

12.SPEAKER

13.UP/DOWN KEY

2. 1 Main Menu

Move the button to ON at the rear of the player, press **NI** for 3-5 seconds to enter home menu. There are nine menus available: Music Player, FM Radio, E-Book, Audio Recorder, Cinema, Image Browse, Tool Box , Explorer and System Setting . Find Battery Satus and Time Display in home menu.



2. 2 Music Player



Music player can support various music formats playing:

1. Support various music formats of MP3/WMA/WAV/AAC;
2. Basic operation:
 - ✧ Press **⏮** to Play or Pause
 - ✧ Press **⏮** 3 seconds to stop
 - ✧ press +/- key to adjust volume , shortly press "◀" or "▶" to previous and next song.

- ✧ In MP3 playing, AB repeat function can work by pressing M.
 - ✧ Advance Operation:
 - ✧ Support pre list listening function(for 5 seconds,10 seconds,15 seconds and 20 seconds)
 - ✧ Support lyrical display;
 - ✧ Long pressing " ◀ " o r " ▶ " to forward or backward;
 - ✧ Repeat modes : Normal 、Single、 Random and All
- Starting music setting;
- 5 EQ: Normal, Classic, Pop, Bass, Rock

Display Status

ID 3 Tag of Play Time,Volume, song title,lyric,author,ect.

FM Transmitter (optional)

Set Up Procedure:

Press M for 3 seconds while listening to MUSIC or watching VIDEO and enter submenu, choose FMT accordingly and activate. The default frequent is 90.6MHZ, The frequent can be adjusted.

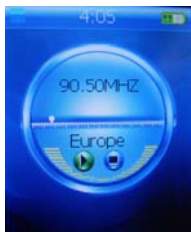
2. 3 Cinema

Movie playing is one of the major features in this player. It supports various of video formats:



- ✧ AVI、3GP、MP4、DAT、VOB etc.;
- ✧ Video convert software is installed in CD driver) Over 25fps, QCIF format

1. Movie playing speed: Over 25fps , QCIF format
2. Basic Operation: Press **⏮** to play / pause, press "-" or "+" key to adjust volume, shortly press "◀" or "▶" to choose previous or next movie.
3. Advance Operation: Press and hold "◀" or "▶" key to forward or backward at 2 to 32 times speed.

2. 4 FM Radio



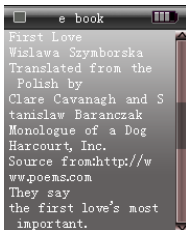
Built-in High quality FM, Japan mode frequency from ranging from 76.0 MHz to 91.0 MHz. Euro mode from 87.5MHz to 108.0 MHz. Functions include:

1. Show search frequency and radio frequency,
2. Press "  " key to display saved stations.
3. press " ◀ " or " ▶ " key to adjust FM frequency
4. Press MENU button to enter FM submenu, press " ▲ " or " ▼ " to select items, Search Station, Area Select, Save Station Info, Read Station Info, Delete Station Info, Delete All Station. Press "  " to use the function, press "C" to exit and back to previous menu, 30 channels can be presetted.
5. Europe/Japan Modes available.

2.5 IMAGE BROWSE

1. Support image browse of formats BMP, JPG, GIF.
2. Image list.
3. 360 degree image browse
4. Support slide show
5. Support picture information displaying, including pixel, format, etc.
6. Images can be set as power on, power off and standby picture.

2. 6 E-Book



Support E-BOOK function, features as below;

1. Support TXT format,
2. Customization settings, press Menu to enter into E-book mode, press "◀" or "▶" button (or press "▲" or "▼") to choose: setting Background color, foreground color, anti-background color, auto rolling screen, delete, and return, etc. Press "⏮" button to enter into relevant settings, press "C" button back to previous menu.
3. Press "⏮" button (or press "◀" or "▶" button) under e-book Menu to read E-book page by page; press "▲" or "▼" to read line by line.
4. Memory function, the player can memorize the last page you have read previous time if not short of power supply.

2. 7 Addio Recorder



Choose "record" under main menu, press

" **MI** " button to enter into "Record".


Record: Press " **MI** " button to start record,

press " **MI** " button one more time to stop recording and automaticly save the

recorded files, whose format is WAV.

Recorded files can be played back.

2. 8 Explorer

Under main menu, press "  " button to enter into "Explorer" interface.

The Explorer can manage all the files saved both in flash and Mini SD card. Main functions as below:

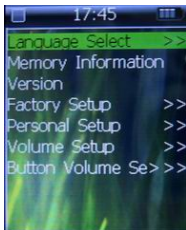
- 1.Support browsing and deleting function under the SD card. Audio and video files, pictures and E-books can be played directly in Explorer.
- 2.Support Subdirectory management
- 3.Choose to set default save path. Default music file path is AUDIO,while video path is MOVIE, and pictures path as IMAGE, default text path is EBOOK.



2.9 System Setting:

Choose system setting to make adjustment.

Setting include:



1. Language Setup: English, French, German, Dutch etc

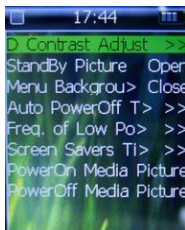
2.Keytone setup

3.Free space information;

4.Version Information;

5.Default Setup;

6.Individuation setup: power off, Standby pictures, Starting music, auto power off, low battery, screen saving etc.



3. Upgrade and Download

The machine supports standard USB 2.0 port. Windows OS (above Win98) can recognize the player automatically.

Upgrade

Press Menu button, connect the PC through USB cable, Open the button when display: please waiting for... then press "UP" button according to the clew, till pop-up "USB disk" in the PC. Then replace the new bin files to cover the old files. And you can formate the disk according to the clew, press "DOWN" button.

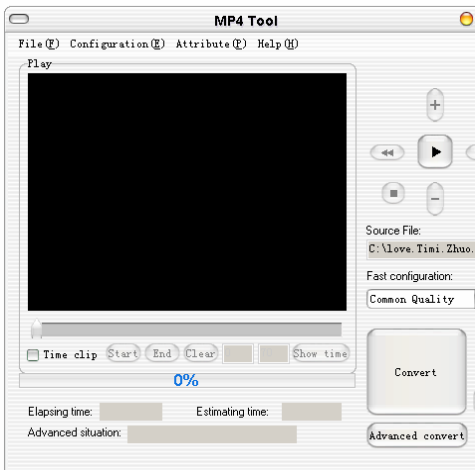
4. Movie Convert Tool :

This program is used to convert video files into AVI and play.

Set up procedure:

1. Run the software double click "Mp4Tool_305E.exe" to start install and follow instructions accordingly.
2. After installed the convert software in your PC, click START / PROGRAMME/ MP4TOOL and run.

User Interface:



3. Choose source file: click Source File to select formats of AVI, MPEG1/2/4/, QuickTime, Windows Media, 3GP, VOB, DAT etc
4. Video preview: click PLAY to preview.
5. There are three video qualities in Fast Configuration: High Quality, Common Quality and Low Quality with 3fps and 25fps.

Time Clip:

Choose Time Clip and key in the specified time of the source video and convert.

Video/ Movie Convert:

Click convert to convert in your favoured mode.

5. Windows 98 CD driver setup

Insert the CD driver to CD-ROM.

Connect the device to PC, from "control panel" to "add new device", the PC will scan it automatically. After the PC recognised the setup file, install it according to instruction.

Restart your computer.

6. Disconnect USB

Click tool bar "removable disk ico", waiting for appear "delete USB Mass Storage Device-driver" safely, and then click "delete USB Mass Storage Device-driver" until "remove hardware safely" pop-up window appears, press

“ok” button(or shut down the window), the USB is disconnected.

The date error, date losing and disk damage will be resulted if you disconnect USB connection directly, and haven't use “removable hardware safely” function.

7. Troubleshooting

1. Power on failure

check whether the battery have power.

connect with PC and see if the player can play or not.

2. no sound

Make sure the volume is not 0

Make sure the earphone connection well

3. FM radio is not clear

Adjust the distance of earphone string's direction and player

Adjust the position of the earphone and player.

4. Player can not be recognised by PC

Make sure the driver is installed correctly

Make sure the player connecting with PC and the USB cable working.

Specification:

LCD display	TFT 2.2" 176*220 DOTS	
Display driver	SAMSUNG S6D0128	
USB Interface	USB2.0	
Capacity	Nandflash(1GB/2GB/4GB)	
Battery	Rechargeable battery	
	Play MP3 music with earphone for about 6 hours or play movie about 3 hours after full charged	
Recording	Sample rate	8KHz
	Recording format	WAV (32K bps)
Video playing	Support format	AVI, 3GP, MP4
	S/N rate	>85dB
	Frame	>25fps
	DPI	<=CIF
MP3、WMA、WMV	Earphone max output	(L) 15mW + (R) 15mW (32Ohm)
	MP3 bite rate	16K bps – 320K bps
	Frequency response	20Hz--20KHz
	S/R rate	>85dB

	Distortion rate	<0.1%
FM Radio	Fm frequency range	76MHz – 91MHz / 87.5MHz – 108MHz
	Station	max 20 channels
	Earphone max output	(L) 15mW + (R) 15mW (320hm)
	SNR	50dB
Games	Built-in games	
Media format	MP3、WMA、WMV、AVI、VOB、DAT、3GP	
Operatiing temperature	-5 to 40 °C	
Language	English, French, German, Dutch ect.	
Operate System	Windows98se/ME/2000/XP/VISTA	