

# zalcor



## ***Zed5***

# ***User Manual***

# TABLE OF CONTENT

Cautions.....	2
Key Features.....	2
Package Content .....	2
Buttons & Ports .....	3
Before Using .....	3
• Charge the battery.....	3
• Insert a MicroSD card .....	4
• Connect to a PC and download files .....	4
Turn On/Off.....	4
Lock/Unlock buttons.....	5
Main Menu .....	5
Music Mode.....	5
• Search for tracks in your music library.....	5
• Search for tracks by folders .....	6
• Play Music .....	6
• Music Playing Settings.....	7
• Collect Favorite Songs.....	8
• Delete Song .....	8
• Recollect Song.....	9
Video Mode.....	9
• Select Video .....	9
• Play Video .....	9
• Resume from the last-played video .....	10
Photo Mode.....	10
• Select Photo .....	10
• View Photo .....	10
E-book Mode.....	11
• Select Book .....	11
• Reading Book .....	11
Voice Recording.....	14
FM Radio .....	14
Explorer Mode.....	16
Other Functions .....	16
• Stopwatch.....	16
• Calendar .....	17
System Settings.....	17
Troubleshooting .....	18
Technical Specifications .....	19
Appendix - Supported Audio and Video Format Table .....	19

## **Cautions**

- Do not subject the device to severe impact or drop it from high position.
- Do not use the player in extreme hot or cold, dusty or damp field. Do not expose it to direct sunshine.
- Excessive sound pressure from earphones and headphones can cause hearing loss.
- Avoid using the player in strong magnetic field.
- Keep the device away from water or other liquids. In the event that water or other liquids enter the device, power off the product immediately, and clean the device.
- Do not use chemical solution to clean the device in order to avoid corrosion. Clean it with a dry cloth.
- We are not responsible for the damages or lost data caused by malfunction, misusing, repairing the device or battery replacement.
- Do not attempt to disassemble, repair or modify the product. This will invalidate guarantee.
- This manual may not reflect the actual device's operation since it is subject to change without prior notification. Please comply with your actual device's operations always.

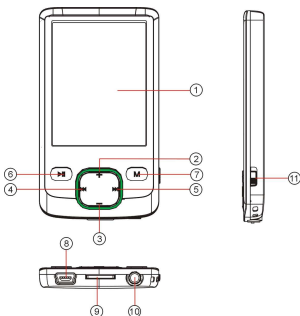
## **Key Features**

- Music Player
- Video player
- Image viewer
- MicroSD card reader
- Folder Navigation
- Built-in rechargeable Li-polymer battery
- Calendar and Stopwatch

## **Package Content**

- Main Unit
- USB cable
- User Manual
- Stereo earphones
- Warranty Card

## Buttons & Ports




### ① Display

- **VOL+:** Turn up the volume/Select up
- ③ **VOL-:** Turn down the volume/Select down
- ④ **Previous:** Briefly press to play the previous track or select the previous menu item. Press and hold to fast rewind the track.
- ⑥ **Next:** Play the next track or select the next menu item. Press and hold to fast forward the track.
- ⑥ **Play/Pause:** Press and hold to turn on or off the device. Briefly press to play, pause or confirm selection.
- ⑦ **MENU:** Briefly press to return; press and hold to display the overlay menu.

- || **USB Port:** Connect to computer through the USB cable
- || **Memory Card Slot:** for MicroSD card
- || **Earphone Jack**
- || **Power Switch:** Turn on or off the power.

## Before Using

### • Charge the battery

The device has a built-in rechargeable battery. It is charged via USB connection. Connect the larger end of the USB cable to the USB interface of PC, and connect the other smaller end of the USB cable to the USB interface of this player. The device is connected to PC and being charged. If you want to know the charge progress, disconnect the device safely by clicking the  icon. You see an animating battery icon indicating charge progress. When the icon becomes green, the battery is fully charged. It takes about 3 hours to fully charge the battery.

#### **Note:**

- (a) You can operate the device even when it is being charged. But for extending the battery life, you are suggested NOT to use the device when it is in charge.
- (b) You are recommended to charge the battery when you use the device for the first time.
- (c) For maximum performance, lithium-ion batteries need to be used often. If you don't use the device often, be sure to recharge the battery at least once per

- **Insert a MicroSD card**



This player features a memory card slot to extend its memory space. It supports MicroSD card only. If you inserted a card, you can play files stored in the card or transfer files between the card and a computer.

To use a memory card, find the card slot on the machine, and then insert a memory card into the slot. If a card is inserted, you should see two directories named "Flash" and "SDCard" first when you search for files. To search for files in the internal memory of the device, select "Flash". To search for files in the memory card, select "SDCard".

- **Connect to a PC and download files**

This player is plug & play for WIN2000/XP/ME/Vista OS.

To download files from computer,

- (1) Plug the larger end of the USB cable to the USB port of the PC, and plug the smaller end to the USB port of the player.
- (2) When the  icon appear at the right bottom of the PC screen, double click "My Computer" on the desktop, you see two new removable disks that indicate the player's internal flash memory and the external memory card. Just use the removable disks as regular local disks, copying files from or to them.
- (3) Remove the player from the PC safely when the file transfer completes.  
For Windows2000/XP/ME/Vista,
  - a. Left-click the  icon at the right hand corner of the taskbar.
  - b. Click the pop-up mini-window with message of "Stop the USB Mass Storage Device - Drive (X)".
  - c. When you are prompted to remove the device, disconnect the player from the computer.

## Turn On/Off

**To turn on the device**, slide the **Power Switch** to "ON", and then press and hold the **Play/Pause** button until you see prompt.

**To turn off the device**, press and hold the **Play/Pause** button until you see prompt, and then slide the **Power Switch** to "OFF".

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**Note:** This player has a power-saving feature which enables the device to power off automatically if it is idle for a few minutes.

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# Lock/Unlock buttons

To **lock buttons** against being pressed accidentally,

- (1) On the main menu, select the “Setting” item and press the **Play/Pause** button to enter the system settings mode.
- (2) Press the **VOL-/VOL+** button to select “System Setting” and then press the **Play/Pause** button to continue.
- (3) Press the **VOL-/VOL+** button to select “Key Lock Time” and then press the **Play/Pause** button to continue.
- (4) Press the **VOL-/VOL+** button to select a time and then press the **Play/Pause** button to confirm. The buttons will be locked if the player is idle for the selected time.

To **unlock all buttons**, press and hold the **Menu** button.

## Main Menu

You should see the main menu when you turn on the device.

You can enter various function modes by selecting an item from the main menu. Press the **VOL-/VOL+** button to select a mode, and press the **Play/Pause** button to enter it.



## Music Mode

On the main menu, press the **VOL-/VOL+** button to select “Music”, and then press the **Play/pause** button to enter the music mode.

### • Search for tracks in your music library

You should see the music library when you enter the music mode. The music library is a system for indexing your music stored in the internal memory by album, artist, genre, song title, etc. When you transfer files to the internal memory, the music library should update automatically. In the media library,

you can play your tracks by Artist, Album, Song Title, or Genre.

**Current Play** - go to the now playing screen.

**All Music** - play all tracks in order

**Artist** - play music files by artist

**Album** - play music files by album

**Genre** - play music files by genre

**My Favorite** - play my favorite tracks

**Record** - play recording files

**Dir List** - enter the file explorer mode

**MediaLib Update** - update the music library manually

**Hold Recollection** - Resume playing from the last stop

Press the **VOL+/VOL-** button to select an item from the category list, and then press the **Play/pause** button to confirm your selection (or press the **MENU** button to return). You should see the music file list under the selected category.

- **Search for tracks by folders**

The music library only contains music files stored in the internal memory, excluding music files stored in the SD/MMC card.

To browse music files through both of the internal memory and the memory card (if available),

- (1) Press the **VOL+/VOL-** button to select "Dir List" from the media library and then press the **Play/Pause** button to confirm. You should see the "Flash" and the "SDCard" directory. Press the **VOL+/VOL-** button to select one of them.
- (2) Press the **VOL+/VOL-** button to select a folder or a file, and then press the **Play/Pause** button to confirm it or press the **MENU** button to return.

- **Play Music**

Press the **VOL+/VOL-** button to select a track from the file list and then press the **Play/Pause** button to play it.

***Basic Operations***

Play/Pause	Press the <b>Play/Pause</b> button to play or pause
Adjust Volume	Press the <b>VOL-/VOL+</b> button
Previous Track	Press the <b>Previous</b> button
Next Track	Press the <b>Next</b> button
Fast Forward	Press and hold the <b>Next</b> button
Rewind	Press and hold the <b>Previous</b> button

Return to file list	Briefly press the <b>MENU</b> button to return
A-B Repeat	<p>To repeat a specified section of current music,</p> <p>(1) Press and hold the <b>VOL-</b> for a while to select the start point.</p> <p>(2) At your desired end point of the repeat, press and hold the <b>VOL-</b> for a while again. The music section between the start point and the end point is repeated.</p> <p>(3) To stop the repeat, Press and hold the <b>VOL-</b> again.</p>

### • Music Playing Settings

When the music is playing, you can set the repeat mode or EQ mode of the music.

- (1) Press and hold the **MENU** button to display the overlay menu.
- (2) Press the **VOL-/VOL+** button to select an item.
- (3) Press the **Play/Pause** button to confirm or press the **MENU** button to return.

<b>Repeat Mode</b> - Play the current play list in various repeat modes.	
<b>Once</b>	Play the current track once.
<b>Repeat One</b>	Keep repeating the current track
<b>Normal</b>	Play all tracks in the current play list and stop after playing all.
<b>Repeat All</b>	Repeat all tracks in the current play list
<b>Intro</b>	Preview the first ten seconds of every track
<b>Play Mode</b> - Play all music files in order or shuffle.	
<b>Order</b>	Play all tracks in order
<b>Shuffle</b>	Shuffle all tracks.
<b>MSEQ</b> - Select a Microsoft Equalizer mode	
<b>EQ Mode</b> - Select a Preset EQ mode	
<b>User EQ</b> - Set the user-defined EQ mode	
<p>(1) Press the <b>Previous/Next</b> button to select a setting column and then press the <b>VOL+/VOL-</b> button to adjust its level.</p> <p>(2) Press the <b>Previous/Next</b> button to select "Yes" and then shortly press the <b>Play/Pause</b> button to confirm setting.</p>	
<b>Display</b> - Display ID3 information or lyric of the current track during playing	



<b>ID3</b>	Display ID3 information of the track
<b>Lyric</b>	Display lyric of the track (if the lyric file of the track exist )
<b>Frequency Chart</b>	Display animated frequency chart of the track.
<b>Off</b>	Display the music file name only

### • **Collect Favorite Songs**

You can add your favorite songs to “My Favorite” collection.

#### **To add songs to “my favorite” collection,**

- (1) In the music file list, press the **VOL+/VOL-** button to select your favorite song.
- (2) Briefly press the **Next** button to display the “Add to Favorite” menu.
- (3) Press the **VOL+/VOL-** button to select “Add to Favorite” and then press the **Play/Pause** button to confirm.

#### **To play my favorite songs,**

- (1) Enter the media library, and press the **VOL+/VOL-** button to select “My Favorite”. Press the **Play/Pause** button to enter it. You see all your favorite songs are listed.
- (2) Press the **VOL+/VOL-** button to select a song and then press the **Play/Pause** button to start playing.

#### **To delete songs from “My Favorite”,**

- (1) Enter “My Favorite” collection from the category list.
- (2) Press the **VOL+/VOL-** button to select a song to be deleted from “My favorite”.
- (3) Briefly press the **Next** button to display the overlay menu.
- (4) Press the **VOL+/VOL-** button to select “Delete file” to delete the selected song, or select “Clear Up” to delete all songs from the favorite list.
- (5) Press the **Play/Pause** button to confirm deletion.

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**Note:** You can only add songs stored in the internal flash memory to “My Favorite”.

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### • **Delete Song**

- (1) Select “Dir List” from the category list and then press the **Play/Pause** button to confirm.
  - (2) Press the **VOL+/VOL-** button to select the song that you want to delete from the music list.
  - (3) Briefly press the **Next** button to display a menu.
-

- (4) Press the **VOL+/VOL-** button to select “Delete File”, and then press the **Play/Pause** button to confirm.

- **Recollect Song**

The device can memorize the song currently played while you exit from the music mode. When you enter the music player mode again later, you can resume playing the song from where you stopped last time.

**To resume playing the song that you stopped last time**, press the **Previous/Next** button select “Resume Play” from the music category list, and then press the **Play/Pause** button to confirm.

The device recollects 3 the most recent stop points, you can choose one of them to be resumed by the following steps:

- (1) Press the **VOL+/VOL-** button to select “Hold Recollection” from the music category list and then press the **Play/Pause** button to confirm.
- (2) Press the **VOL+/VOL-** button to select one of the memorized points and then press the **Play/Pause** button to resume playing from it, or press the **MENU** button to return.

## Video Mode

On the main menu, press the **Previous/Next** or **VOL+/VOL-** button to select “Video”, and then press the **Play/Pause** button to enter the video mode.

- **Select Video**

Press the **VOL+/VOL-** button to select a video from the list. If a memory card is available, you have to select a memory device to be played before selecting a video file.

- **Play Video**

Press the **Play/Pause** button to play the selected video.

### ***Basic Operations***

Play/Pause	Press the <b>Play/Pause</b> button to play or pause.
Stop	Press the <b>MENU</b> button.
Adjust Volume	Press the <b>VOL-/VOL+</b> button.
Previous Video	Press the <b>Previous</b> button.
Next Video	Press the <b>Next</b> button.
Fast Forward	Press and hold the <b>Next</b> button.
Rewind	Press and hold the <b>Previous</b> button.

### ***Select the Start Time of the video***

You can play the video starting from the specified time. For example, total length of the current video is 1 hour, and you want the playback starting from the twentieth minute, you can:

- (1) When the video is playing, press and hold the **MENU** button to display the overlay menu.
- (2) Press the **VOL+/VOL-** button to select "Select Playtime" and then press the **Play/Pause** button to confirm.
- (3) Press the **Previous/Next** button to select the hour or minute setting, and then press the **VOL-/VOL+** button to set the number.
- (4) Press the **Play/Pause** button to confirm setting. The video playback will start from the set time.

### ***Set the View Mode***

When you are watching the video, you can expand the view to full screen or normal size.

- (1) Press and hold the **MENU** button to display the overlay menu.
- (2) Press the **VOL+/VOL-** button to select "Mode".
- (3) Press the **Play/Pause** button to switch between the Full and Normal mode.

#### **• Resume from the last-played video**

When you replay a video, you are reminded to resume playing from where you stopped last time.

Press the **Previous/Next** button to select "No" to quit resuming and start from the beginning of the video, or select "Yes" to resume from the last-stopped point.

## **Photo Mode**

On the main menu, press the **VOL-/VOL+** button to select "Photo", and then press the **Play/Pause** button to enter the photo viewer mode.

#### **• Select Photo**

You should see a list of photos when you enter the photo mode. Press the **VOL-**, **VOL+** button to select a photo from the list and then press the **Play/Pause** button to view it.

#### **• View Photo**

Press the **Play/Pause** button to confirm and view the selected photo.

### ***Previous/Next Photo***

Press the **Previous/Next** button to view the previous or next photo.

### ***Rotate Photo***

- (1) When you are viewing a photo, press and hold the **MENU** to display the overlay menu.
- (2) Press the **VOL-/VOL+** button to select “Rotate Left” or “Rotate Right”, and then press the **Play/Pause** button to confirm.

### ***Zoom Photo***

- (1) When you are viewing a photo, press and hold the **MENU** to display the overlay menu.
- (2) Press the **VOL-/VOL+** button to select “Zoom In” or “Zoom Out”, and then press the **Play/Pause** button to confirm.
- (3) When the photo is zoomed in, you can press the **Previous, Next, VOL-, VOL+** button to roam on the photo.

### ***Slide Show***

To display photos in the slide show mode,

- (1) When you are viewing a photo, press and hold the **MENU** to display the overlay menu.
- (2) Press the **VOL+/VOL-** button to select “Auto Slide Show”, and then press the **Play/Pause** button to confirm.
- (3) Press the **VOL+/VOL-** button to set the time interval between slides. The slide show should start.
- (4) To stop the slide show, press and hold the **MENU** button to display the overlay menu. Select “Auto Slide Show” → “Turn Off”, and then press the **Play/Pause** button to confirm.

## **E-book Mode**

On the main menu, press the **VOL-/VOL+** button to select “E-book”, and then press the **Play/Pause** button to confirm selection.

- **Select Book**

Press the **VOL+/VOL-** button to select a book from the list. If you've inserted a memory card, you should have to select a memory device between the Flash and SDCard first before seeing the list.

- **Reading Book**

Press the **Play/Pause** button to confirm the selected book and read it.

### ***Page Up/Down***

To page up and down automatically during reading,

- (1) Press and hold the **MENU** button to display the overlay menu.
- (2) Press the **VOL+/VOL-** button to select “Browser Mode” and press the **Play/Pause** button to confirm.
- (3) Press the **VOL+/VOL-** button to select “Auto” and then press the **Play/Pause** button to start the auto slide show mode in which the page is turned over automatically. In this mode, time interval between pages is defined by the “Flip Time” setting (see the latter section “Set the Flip Time” in this chapter).

To page up and down manually, press the **Previous/Next** button. Pressing the **VOL-/VOL+** button can read the e-book line by line.

### ***Jump to a Page***

To jump to a desired page,

- (1) Press and hold the **MENU** button to display the overlay menu.
- (2) Press the **VOL+/VOL-** button to select “Page Jump” and press the **Play/Pause** button to confirm.
- (3) Press the **Previous/Next** button to select a digit and then press the **VOL-/VOL+** button increase or decrease the number.
- (4) Press the **Previous/Next** button to select “Yes” and then press the **Play/Pause** button to confirm the set page number. You will be guided to that page.

### ***Use the Bookmark***

To make a bookmark on the current page for resuming reading later,

- (1) Press and hold the **MENU** button to display the overlay menu.
- (2) Press the **VOL+/VOL-** button to select “Save Bookmark” and press the **Play/Pause** button to confirm.
- (3) Press the **VOL+/VOL-** button to select an “Empty” location and then press the **Play/Pause** button to confirm.

To resume reading the book from the page that was marked,

- (1) Press and hold the **MENU** button to display the overlay menu.
- (2) Press the **VOL+/VOL-** button to select “Load Bookmark” and press the **Play/Pause** button to confirm.
- (3) Press the **VOL+/VOL-** button to select the bookmark that was saved, and then press the **Play/Pause** button to confirm.

To delete the bookmark,

- (1) Press and hold the **MENU** button to display the overlay menu.

- (2) Press the **VOL+/VOL-** button to select “Delete Bookmark” and press the **Play/Pause** button to confirm.
- (3) Press the **VOL+/VOL-** button to select the bookmark that you want to delete, and then press the **Play/Pause** button to confirm.

### ***Set the Font Size***

To set the font size of the text,

- (1) Press and hold the **MENU** button to display the overlay menu.
- (2) Press the **VOL+/VOL-** button to select “Font Size” and press the **Play/Pause** button to confirm.
- (3) Press the **VOL+/VOL-** button to select a font size and then press the **Play/Pause** button to confirm.

### ***Set the Font Color***

To set the font color of the text,

- (1) Press and hold the **MENU** button to display the overlay menu.
- (2) Press the **VOL+/VOL-** button to select “Font Color” and press the **Play/Pause** button to confirm.
- (3) Press the **VOL+/VOL-** button to select a color and then press the **Play/Pause** button to confirm.

### ***Set the Background***

You can change the background of the book. The device provides 7 preset backgrounds for your choice.

- (1) Press and hold the **MENU** button to display the overlay menu.
- (2) Press the **VOL-/VOL+** button to select “Mode” and press the **Play/Pause** button to confirm.
- (3) Press the **VOL-/VOL+** button to select a background and then press the **Play/Pause** button to confirm.

### ***Set the Flip Time***

To set the time interval between pages in auto slide show mode,

- (1) Press and hold the **MENU** button to display the overlay menu.
- (2) Press the **VOL+/VOL-** button to select “Flip Time” and press the **Play/Pause** button to confirm.
- (3) Press the **VOL+/VOL-** button to select a time and then press the **Play/pause** button to confirm.

# Voice Recording

## ● Record

- (1) On the main menu, press the **VOL-/VOL+** button to select “Record”, and then press the **Play/Pause** button to enter the recorder mode.
- (2) Shortly press the **PLAY/PAUSE** button to start recording. During recording, you can press the **PLAY/PAUSE** button to pause or resume recording.
- (3) Shortly press the **MENU** button to stop recording. You should be prompted to save the recording. Press the **Previous/Next** button to select “Yes” to save the recording.
- (4) Briefly press the **MENU** button to exit.

## ● Play recording

To play the recording,

- (1) Press and hold the **MENU** button to display the main menu.
- (2) Select “Browser” from the main menu or “Dir List” from the music library and press the **Play/Pause** button to enter folder navigation mode.
- (3) Select the “Record” folder and press the **Play/Pause** button to open it.
- (4) Press the **VOL+/VOL-** button to select a recording file and then press the **Play/Pause** button to play it. For detail information about playing voice, refer to the “Basic Operation” section in the Music mode.

# FM Radio

On the main menu, select “FM Radio” and press the **MENU** button to turn on the FM radio.

## ● Auto Search Station

To search stations automatically,

- (1) Press and hold the **MENU** key to show the submenus.
- (2) Press the **VOL+/VOL-** button to select “Auto” menu.
- (3) Press the **Play/Pause** button to start searching. Found stations will be saved in “Preset”.

## ● Manually search stations

To manually tune in station,

- (1) Press and hold the **MENU** key to show the submenus.
- (2) Press the **VOL+/VOL-** button to select “Manual” menu, and then press the **Play/Pause** button to confirm.
- (3) Press the **Previous/Next** button to turn up or turn down the frequency.
- (4) You can save your station as preset following the steps in “Save Station”

mentioned below.

### ● **Save station**

To save a found station,

- (1) Press and hold the **MENU** key to show the submenus.
- (2) Press the **VOL+/VOL-** button to select “Save” menu.
- (3) Press the **VOL+/VOL-** to select a channel location.
- (4) Press the **Play/Pause** button to confirm.

### ● **Listen to Station**

To listen to saved station,

- (1) Press and hold the **MENU** key to show the submenus.
- (2) Press the **VOL+/VOL-** button to select “Preset” menu.
- (3) Press the **Previous/Next** to select a preset station for listening. Press the **VOL-/VOL+** button to adjust the volume.

### ● **Delete station**

- (1) In the PRESET mode, press and hold the **MENU** key to show the submenus.
- (2) Press the **VOL+/VOL-** button to select “Delete” menu.
- (3) Press the **VOL+/VOL-** button to select a station to be deleted.
- (4) Press the **Previous/Next** button to select “Yes” and press the **Play/Pause** button to confirm.

### ● **Record FM program**

When you are listening to a station, you can record your favourite programs.

- (1) Press and hold the **MENU** key to show the submenus.
- (2) Press the **VOL+/VOL-** button to select “FM Record” menu, and then press the **PLAY/PAUSE** button to start recording. For detail information about recording, see the “Voice Recording” section.

### ● **Enable/disable the stereo effect**

When you are listening to a station, you can turn on or off the stereo effect.

- (1) Press and hold the **MENU** key to show the submenus.
- (2) Press the **VOL+/VOL-** button to select “Stereo Switch” menu, and then press the **PLAY/PAUSE** button to confirm.
- (3) Press the **VOL+/VOL-** button to select “On” or “Off”, and then press the **PLAY/PAUSE** button to confirm.

### ● **Set the region**

Frequency band is different for different area. You have to choose the band applicable for your local area before searching for stations.

- (1) Press and hold the **MENU** key to show the submenus.



- (2) Press the **VOL+/VOL-** button to select “FM Region” menu, and then press the **PLAY/PAUSE** button to confirm.
- (3) Press the **VOL+/VOL-** button to select a region, and then press the **PLAY/PAUSE** button to confirm.

**Note:** *The earphone cable is used as the antenna also in the radio mode. Make sure you have inserted your earphones into the player before using the FM radio function.*

## **Explorer Mode**

On the main menu, select “Browser” and then press the **Play/pause** button to confirm.

### ***Browse Folders and Files***

- (1) If a memory card is inserted, press the **VOL+/VOL-** button to select a memory device between the Flash and the SDCard.
- (2) Press the **VOL+/VOL-** button to select a file or a folder.
- (3) Shortly press the **Play/pause** button to confirm your selection, or press the **MENU** button to return.

### ***Delete a file***

- (1) In the Explorer mode, press the **VOL+/VOL-** button to select the file that you want to delete.
- (2) Briefly press the **Next** button to display a menu.
- (3) Press the **VOL+/VOL-** button to select “Delete File” and then press the **Play/pause** button to confirm.

## **Other Functions**

This player provides other useful tools - Stopwatch and Calendar.

### **• Stopwatch**

- (1) On the main menu, select the “Extras” item and press the Play/pause button to confirm.
- (2) Press the **VOL+/VOL-** button to select “Stopwatch” and then press the **Play/pause** button to confirm.
- (3) Press the **Play/pause** button to start timing.
- (4) Press the **Play/pause** button to stop.
- (5) Press the **Next** button to reset the time.
- (6) Press the **MENU** button to exit.

- **Calendar**

To view the calendar,

- (1) On the main menu, select the “Extras” item and press the **Play/pause** button to confirm.
- (2) Press the **VOL+/VOL-** button to select “Calendar” and then press the **Play/pause** button to confirm.
- (3) Press the **Play/pause** button to switch between the Year, Month and Day item.
- (4) Press the **Previous, Next, VOL-, VOL+** button to select a date.
- (5) Press the **VOL-/VOL+** button to increase or decrease the Year, Month or Day. The calendar view changes accordingly.
- (6) Press the **MENU** button to exit.

## **System Settings**

To customize the player settings:

- (1) On the main menu, select the “Settings” item and press the Play/pause button to enter the system settings mode.
- (2) Press the **VOL+/VOL-** button to select a setting item and press the **Play/pause** button to confirm or press the **MENU** button to cancel and return.

<b>Display Setting</b>	<b>Backlight</b> - set lasting time of the backlight
	<b>Brightness</b> - set brightness of the LCD
	<b>Backlight Mode</b> - set the screen as half-lighted or full-lighted.
	<b>Display Status</b> - Hide or display the status bar in the top and bottom of the screen.
<b>System Setting</b>	<b>Upgrade</b> - upgrade the firmware
	<b>Load to default</b> - restore to default system settings
	<b>Key Lock Time</b> - set the idle time after which the device locks buttons automatically.
<b>Desktop</b>	Set the background the screen
<b>Time Setting</b>	·Press the <b>Previous/Next</b> button to select the Minute, Hour, Day, Month or Year setting. ·Press the <b>VOL-/VOL+</b> button to change the number for the selected setting. ·Press the <b>Play/Pause</b> button to confirm setting.
<b>Language</b> - set the language in which the on-screen text is displayed	

<b>System Information</b> - display the firmware version and memory space information
<b>Auto Shut Time</b> - Set the continuous playing time after which the player power off automatically.

## Troubleshooting

Problem	Possible Cause	Solution
The LCD displays nothing when the device is started.	Battery is too low.	Charge the battery.
No sound when playing an audio file.	The volume is too low.	Adjust the volume.
	Bad audio file.	Delete or skip the file.
The player cannot be connected to the PC.	The USB interface is not supported by PC's motherboard.	Update or replace the PC's motherboard.
The displayed time is changing constantly.	The bit rate of the MP3 file is changing during playback.	Try to use fixed bit rate to compress the MP3 file.
The PC has error when you plug and unplug the player.	The player is disconnected from the PC abruptly while transferring files.	Do not disconnect the player from the PC when transferring files.
Total memory displayed on the player is not in accordance with the marked amount.	Part of memory is used to store programs and display characters.	
Some of MP3 files cannot be played properly.	The MP3 file is compressed by a standard that the player does not support.	<ol style="list-style-type: none"> <li>1. Delete the unsupported MP3 files.</li> <li>2. Use MPEG I Layer 3 standard to compress the unsupported MP3 files.</li> </ol>
The video cannot be played.	The file format is not supported.	Make sure the video is in AVI, RM, RMVB, WMV or other supported format.
	The video data is corrupted	Skip it or reload another

		file
The photo cannot be displayed	The file format is not supported	Try to use an image editor to convert it or save it as another file.
	The image resolution is beyond limitation of the device.	Try to decrease the image resolution.
The TXT file cannot be read	The file format is not supported.	Skip it or reload another file.

## **Technical Specifications**

Built-in Memory Capacity	512MB ~ 8GB
Memory Card Type	MicroSD card
Memory Card Capacity	512MB ~ 8GB
Battery Type	Rechargeable Li-polymer Battery
Battery Life	8 Hours for music, 4 hours for videos
LCD Display	2.4-inch TFT screen
Earphone Power	5mW+5mW
Video Format	AVI, RM, RMVB, WMV, MPG, WMV, ASF
Audio Format	MP3, WMA, APE, OGG, WAV, FLAC, AAC
Photo Format	JPEG, BMP, GIF
E-book Format	TXT
SNR	> 90dB
USB Port	USB2.0 high speed
Operational Temperature	0°C ~ +50°C
Storage Temperature	-20°C ~ +65°C
Operational Relative Humidity *	20% ~ 90% (40°C)
Storage Relative Humidity *	20% ~ 93% (40°C)

## **Appendix - Supported Audio and Video Format Table**

This device does not guarantee the compatibility with all audio and video format files. If the video or audio file is not supported by this device, please check whether it is on the following format benchmark.

## Audio Decoding Benchmark

<b><u>MP3 AUDIO</u></b> [Codec]: MPEG1/2/2.5 Audio Layer 3 [Bitrate]: 8~320Kbps, CBR and VBR [Sample]: 8-48KHz [Exceptional]: No [Container]: MP3	<b><u>WMA AUDIO</u></b> [Codec]: Version 7, 8, 9 , [Bitrate]: 8Kbps~320kbps [Sample]: 8-48KHz [Exceptional]: WMA Pro and WMA lossless [Container]: WMA
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## Image Benchmark

<b><u>JPEG</u></b> [Codec]: JPEG [Compressed]: Baseline [Resolution]: 7500 * 5500 [Exceptional]: Progressive jpeg [Container]: JPG	<b><u>BMP</u></b> [Codec]: BMP [Resolution]: [Exceptional]: No [Container]: bmp	<b><u>GIF</u></b> [Codec]: GIF [Resolution]: 1000*1000 [Exceptional]: No [Container]: GIF
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## Video Benchmark

<b><u>MPEG-4 VIDEO</u></b> [Codec]: XviD, DivX 3/4/5 [Resolution]: Max. 720x480(pixels) [Bitrate]: Max.1.5Mbps [Exceptional]: Not Support GMC&QPEL [Container]: MP4/AVI [Audio decode]: MP3, AC3	<b><u>REAL MEDIA VIDEO</u></b> [Codec]: Real Video Codec 8/9/10 [Resolution]: Max. 720x336(pixels) [Bitrate]: Max.2.0Mbps [Exceptional]: Not Support G2 [Container]: RM/RMVB [Audio Codec]: Real Audio
<b><u>WMV VIDEO</u></b> [Codec]: WMV 7/8/9 [Resolution]: Max. 640x480(pixels) [Bitrate]: Max.800Kbps [Exceptional]: Not Support high profile, VC-1 [Container]: WMV, ASF [Audio Codec]: WMA	<b><u>MPEG-I VIDEO</u></b> [Codec]: MPEG-I [Resolution]: Max. 720x480(pixels) [Bitrate]: Max.1.2Mbps [Exceptional]: N/A [Container]: MPG(MPEG-1)/DAT [Audio Codec]: MP2

**NOTE: 1. Generally, video formats mentioned above can be played by this device. Sometimes, you may encounter errors during playback, for instance, video is not synchronized with the audio. That may be caused by the unsupported encoding format.**

**2. For MPG and WMV video files, buffering time during fast forwarding and rewinding may be longer depending on the file size. Please wait for the process to be completed.**

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