# User's manual

2007/Q1 Version

**Perface** This User's manual describes the operation of the product and application notices. To fully appreciate and optimize the features of this product, we recommend that you read this entire manual before using the product. After reading, keep this manual handy for future reference.

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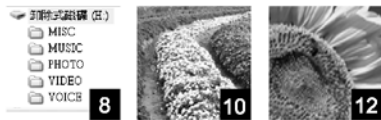
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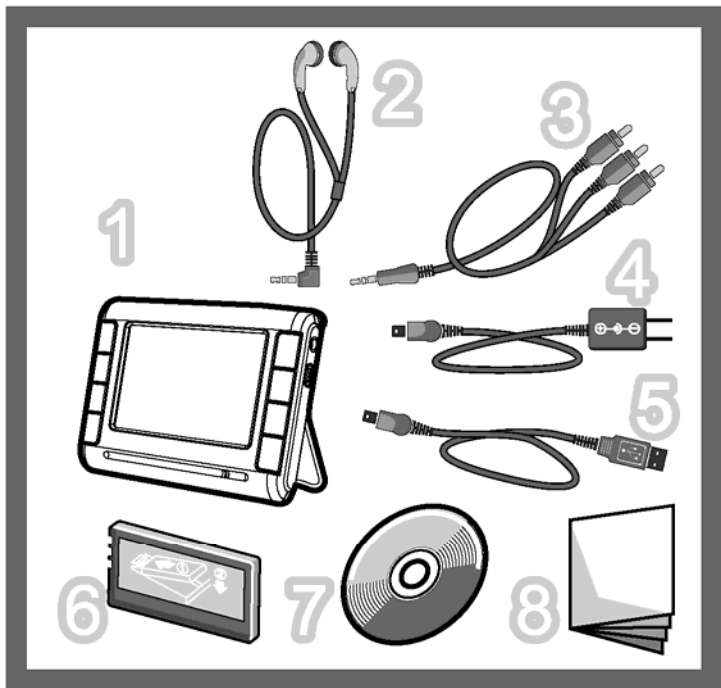
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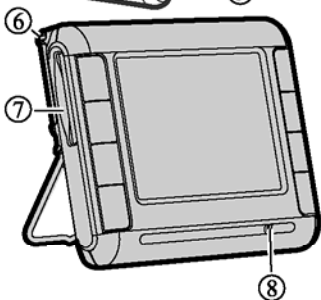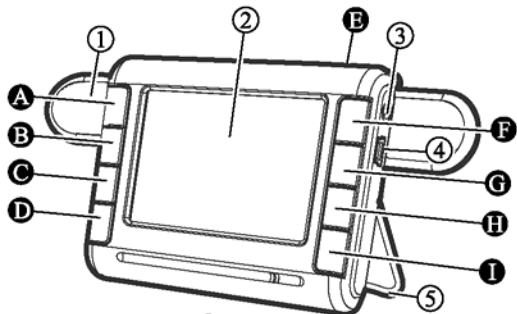
# Contents

## Item List

| ITEM | NAME |
|------|------|
| 1 | Device |
| 2 | Earphone |
| 3 | AV Cable |
| 4 | Power Charger (Adapter) |
| 5 | USB Cable |
| 6 | Battery |
| 7 | CD-Rom |
| 8 | User's Manual |

| A | Power(Record) | ⏻ [•] |
|---|---|---|
| B | Menu | ▤ |
| C | Up (volume Up/Zoom in) | ▲ ⊕ |
| D | Down (volume Down/Zoom out) | ▼ ⊖ |
| E | Hold | Hold |
| F | Mode | ⌂ |
| G | Enter(Pause/Play) | ☑ ‖▶ |
| H | Left | ◀◀ |
| I | Right | ▶▶ |

| 1 | Speaker |
|---|---|
| 2 | Screen |
| 3 | Earphone/AV Port |
| 4 | USB Port |
| 5 | Stand |
| 6 | Belt Hole |
| 7 | Card slot |
| 8 | Microphone |

# Battery Installation

## Step 1
Stay the device back facing to user, open speakers outward, lift the stand upward, push the battery cover downward.

## Step 2
Keep the battery sticker facing to user, contacts of battery connect with contacts of device, tilt the battery at left side, push it from right side downward till it's able to be placed at the battery holder.

## Step 3
Place the battery cover and push it upward till heard the "click" to ensure it's fasten well.

# Power Recharge

USB port of the device. The red light bright up means power recharging, it becomes slightly bright means power recharged.

## ►Note
Suggest to recharge the power for at least four hours at first time while using a new battery.

| | |
|---|---|
| ▭▭▭▯ | Full |
| ▭▭ ▯ | High |
| ▭ ▯ | Low |
| ▯ | Empty |
| ⚡ | Use the device while Recharging |
| ✕ | No battery. Use the device with Power Adapter |

| | |
|---|---|
| 1 |  |
| 2 |  |
| 3 |  |
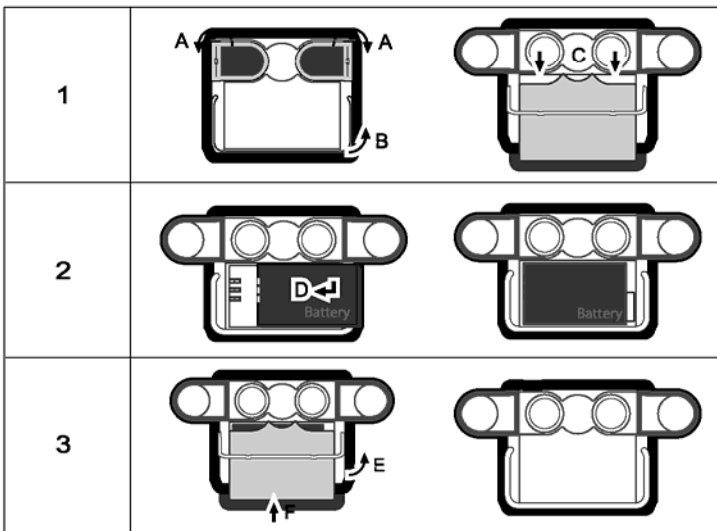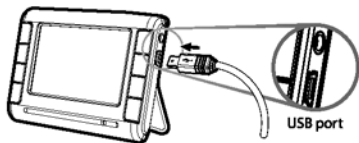
## ON/OFF

### ON

Press the power button for 2 seconds to turnon the device, the startup information will be shown on the screen when the device is turned on.

### OFF

Press the power button for 2 seconds to trun off the device.

### ►Note

In case, the user switch off the device whilethe data is transmitting to SD Card, the system will complete the process to prevent the loss or damage of data. Except above event, the operation will be terminated while switching off the device.

### Mode Menu

The device will enter the last memorized mode after power on.

| MODE | | 5 | AV-in |
|---|---|---|---|
| 1 | Movie | 6 | Recorder |
| 2 | Photo | 7 | Brower |
| 3 | Slide show | 8 | Setup |
| 4 | Music | 9 | Memory |

### Navigate Mode

Press the mode or left/right buttons to navigate the mode menu.

### Enter

Choose the mode and press the enter button to operate its function, for example, enter the music mode to listen to MP3 music.

### Mode Option

In any mode, the user could press the mode button to return and navigate mode menu.



In any mode, the user could press the mode button to stop operation and return to its folder/mode, then press the mode button again to navigate the mode menu.

1. Battery Installation Steps
2. Recharge the power through USB port
3. Mode menu, navigate by left/right buttons

# Setting

## Dara Source

The device plays external movie. mp3 music, photo album, voice files and etc. Please store files under defined folders.

## SD Card & Memory

### Step 1

Turn on the device and insert the SD Card at right position.
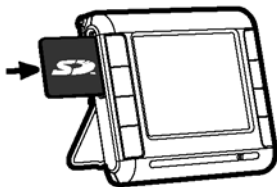
### Step 2

The system will switch the memory as SD Card automatically.
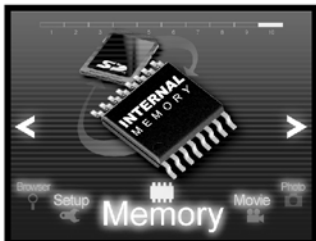
### Step 3

If the user would like to use Internal Memory as the data source/storage, please enter Memory mode to switch SD Card to Internal Memory. Press the enter button to switch the memory as SD Card or Internal Memory.
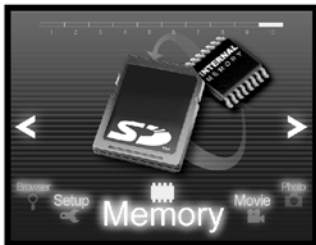
| | | |
|---|---|---|
| IC | Internal Memory | |
| SD | SD/MMC Cards | |

| | |
|---|---|
| 2 | 1. Data Source/Storage |
| | 2. SD Card Installation |
| 3 | 3. Internal Memory a Source/ Storage |
| 1  4 | 4. SD Card as Source/Storage |

# File Copy

## Step 1

Use the provided USB Cable to connect the device with PC.

## Step 2

There will be two external disks shown on PC, they are Internal Memory and SD Card of the device.

## Step 3

Copy files to defined folders, mp3 and wma to MUSIC, jpg to PHOTO, asf to VIDEO, wav to VOICE.
The system will show "NO FILE!" if the device has no files to play in entered mode.



1. NO FILE to play
2. Connect the device with PC through USB Cable
3. Save files at defined folders

Use the provided USB Cable to connect the device and PC, mini USB connector plug into the USB port of the device, USB connector plug into the USB port of PC.
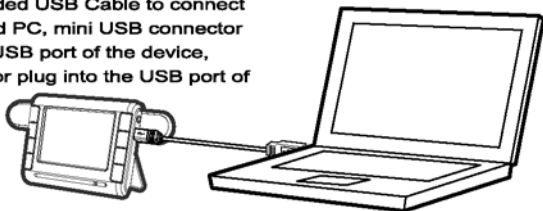




After connected PC, copy files to defined folders, mp3 and wma to MUSIC, jpg to PHOTO, asf to VIDEO, wav to VOICE. The system will search and play files in defined folders automatically.

# Movie

## Movie Player

The device play movie saved as ASF (MP4) format, please enter the Movie mode, the system information shown on the screen as below.
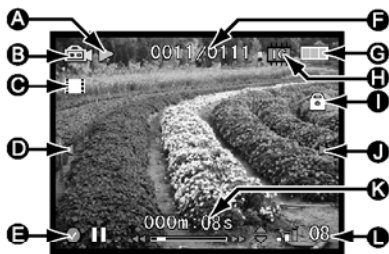


| A | Playing Movie |
|---|---|
| B | Movie Mode |
| C | Movie file |
| D | Previous file (left button) |
| E | Pause (Enter button) |
| F | File No. / Quantity |
| G | Energy |
| H | Data Source |
| I | File Lock |
| J | Next file (Right button) |
| K | Play Time |
| L | Volume (Up/Down buttons) |

All external movie files form internet or other devices, please use the provided software, MediaConverter, to convert them to supported asf format for best play on the device.



### Play Movie

Please make sure the video folder has at least one supported movie file.

### Step 1

Enter the Movie mode, the system will show all video files as right image.
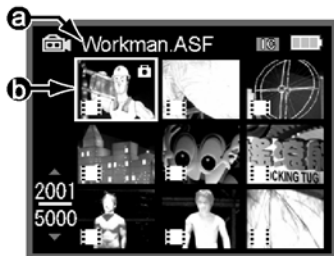
a.file name
b.selected movie

## Step 2

Use up/down/left/right buttons to navigate files, choose the file and enter to play the movie. While playing the movie, the user could press the enter button to pause and press again to continue.

## Times forward and backward

While playing the movie, press left/right buttons continuously to backward/forward at four times speed (4X), release left/right buttons to play the movie at normal speed. When Paused the movie, the user could press left/right buttons once to backward/forward at two times speed (2X), press left/right button twice to backward/forwarder at four times speed (4X), press left/right button three times to backward/forwarder at eight times speed (8X). While playing backward/forward, press enter button to play at normal speed.

| ▶▶▶ | Forward (2X,4X,8X) |
|------|---------------------|
| ◀◀◀ | backward (2X,4X,8X) |

## Switch to other movies

While playing, press left/right buttons to switch to previous or next movies files.

## Back to folder

While playing the movie, press the mode button back to the folder for viewing all movie files.



OSD Off: The image is very clear

## Menu setting

### System information setting
### Step 1

While playing the movie, enter the menu button to navigate menu options.

### Step 2

Choose [OSD Display] and enter to view the setting options

### Step 3

Choose the OSD display mode shown as below and enter to confirm the setting

### Step 4

Press menu button to close the menu option list.

### Four OSD Display Options

1. On: Display the system information
2. OSD Off: Close the system information
3. File info: Display movie file information, including resolution, timeframe, file size and etc.
4. LCD Off: Turn off the screen and could be reopened by press any key.

1. OSD Off
2. Display File information



Dispaly File information: a.Image Resolution b.Movie time frame c.File size

**Slide**

**Step 1**

In video folder or playing movie mode, press the menu button to navigate the menu options.

**Step 2**

Choose [Slide] option and enter to confirm the setting.

**Step 3**

Press menu button to close the menu option list.

The system will play movies without on-screen display in Slide mode, the playing will be stopped by pressing the enter button.

**Resume Function**

In Video Mode option. Two options [normal] and [Resume]

**Normal**

Quit the movie playing and enter again, the movie will start from the beginning.

**Resume**

Quit the movie playing and enter again, the movie will start from the quitted moment.

**Startup Set**

**Step 1**

Choose the video file to set as the startup movie.

**Step 2**

Enter the menu options list

**Step 3**

Choose [Startup Set] and enter to navigate options

**Step 4**

Choose [Yes] to confirm the setting
If the user want to delete the startup movie, please enter [Setup] Mode and change the setting of [Start File]

▶ **Note**

Please make sure the memory capacity is big enough to save the movie as the startup movie.

**File Copy**

If the data source is Internal Memory, the system will copy files from Internal Memory to SD Card. On the other hand, files will be copied to Internal Memory when the data source is SD Card.

**File Lock**

Enter the menu list, choose [Lock] option and enter [Yes] to lock the file. Locked files shall not be deleted, if the user want to delete the file, please enter the menu list to unlock the file.

**Delete**

Enter the menu list, choose [delete] option and enter [Yes] to delete the file.

**Delete All**

Enter the menu list, choose [delete All] option and enter [Yes] to delete all files.

# Photo

## Photo Album

The device could navigate pictures saved as jpg format, please enter the main menu to enter [Photo] mode.

| A | Zoom-In Rate |
| B | Photo Mode |
| C | Previous Photo (left button) |
| D | Move photo (enter button, in Zoom-In mode) |
| E | Zoom-In (Up button) |
| F | File No. / Quantity |
| G | Energy |
| H | Data Source |
| I | Next Photo (Right button) |
| J | Photo Display Area |
| K | Zoom-Out (Down button) |

## Navigate Photo

Please make sure the photo folder has one or above photos saved as jpg format.

### Step 1

Enter Photo mode, the system will all show photo files as small images.

### Step 2

Navigate photo and choose one to enter for viewing photo in full screen mode.

The user could press left/right buttons to view previous/next photos. In full screen mode, the user could press the mode button back to the photo folder for viewing/navigae all photos.

## Zoom-In/Move/Cut Photo

### Step 1

Enter the photo as full screen mode, press the enter button, the zoom-in symbol will be displayed at bottom of screen.

### Step 2

Press Up button to Zoom-In the photo; press Down button to Zoom-out to original photo display.

### Step 3

In Zoom-In mode, press enter and move symbol (hand) will be displayed at top left corner, then use up/down/left/right to move the photo display area.

### Step 4

In above mode, press the menu button to cut the photo and save the new image as a new photo file.



a. Display file name
b. Choose the file(frame mark)



Press the enter button to Zoom-In (Up button)

| A | Zoom-In Rate |
| B | Previous Photo (left button) |
| C | Move photo (press enter in Zoom-In mode, use up/down/left/right to move) |
| D | Zoom-In (up button) |
| E | Zoom-Out (down button) |
| F | Next Photo (right button) |
| G | Move mode (movable directions) |
| H | Zoom-In & Zoom-Out mode (press enter to return to this mode) |
| I | Original Photo Size |
| J | Display Photo Size |

1. Press up button to Zoom-In
2. Press enter to move photo
3. Display photo information



# Menu setting

## OSD Setting

Four OSD Display Options

1. On: Display the system information
2. OSD Off: Close the system information
3. File info: Display file information as right image, including resolution, ISO, EV, shutter speed, file size and etc.
4. LCD Off: Turn off the screen and could be reopened by press any key



Display file informaion:
1. ISO Rate      2. Resolution
3. EV Rate       4. File Size
5. Shutter Speed

**Delete**

Enter the menu list, choose [delete] option and enter [Yes] to delete the file.

**Delete All**

Enter the menu list, choose [Delete All] option and enter [Yes] to delete all files.

**File Lock**

Enter the menu list, choose [Lock] option and enter [Yes] to lock the file. Locked files shall not be deleted, if the user want to delete the file, please enter the menu list to unlock the file.

**Slide Option**

Enter the menu list, choose [Slide Option] and enter to set the sliding time, the device offer 5 options: 1sec, 2sec, 4sec, 10sec, and 30sec.

**Slide**

Enter the menu list, choose [Slide] and enter to confirm the setting. The system will play photos without on-screen display in Slide mode, the playing will be stopped by pressing the enter button.

**Startup Set**

Enter the menu list, choose [Startup Set] and enter [Yes] option, the system will set the file as the startup file. If the user want to delete the startup file, please enter [Setup] Mode and change the setting of [Start File].

**Resize**
**Step 1**

Choose the photo and enter the menu list to navigate options.
**Step 2**

Choose [Resize] option and enter to confirm.

**Step 3**

Choose the photo size, enter to confirm and save as a new file.

The photo resize function only available to change from large to small, such as resolution SVGA (800X600) to VGA (640X480), 2M to be resized from 6M to VGA, VGA is the minimum size and can not be resized.

**File Copy**

If the data source is Internal Memory, the system will copy files from Internal Memory to SD Card. On the other hand, files will be copied to Internal Memory when the data source is SD Card.

**Rotate**

The photo resolution shall be at right format for rotation, such as 1600X1200.
**Step 1**

Choose the photo and enter the menu list to navigate options.
**Step 2**

Choose [Rotate] option adn enter to confirm.
**Step 3**

The system offer preview function, choose the rotate angle and direction from option, enter to confirm and save as a new file.
**Rotating options**

90' rightward, 90' leftward, 180', 0',

**Print Set**

The device support DPOF (Digital Print Order Format) function, photos are available to be printed through Photo Printer when the menu list and choose Print Set, press [Yes] to switch on this function.

# Slide Show

The device support slide show in JPEG format, please navigate the mode menu and choose [Slide Show], press enter to play silde show automatically.

## Non-Stop Playing/Pause
Please make sure at least one photo file saved as JPG format in Photo folder.
### Step 1
Enter slide show mofe, the system play photos non-stop.
### Step 2
Press enter to pause the slide show, press again to continue non-stop playing.

## Menu Setting

### Slide setting
The system offer five slide options: 1sec, 2sec, 4sec, 10sec and 30sec.

# Music

The device support music saved as MP3 and WMA format, please navigate the mode menu and choose [Music], press enter to play music.
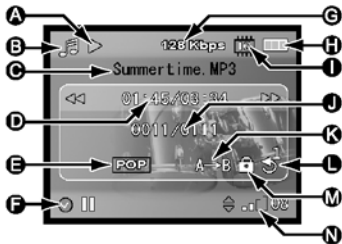
| A | Playing Music |
| B | Music Mode |
| C | Song Name |
| D | Playing time/Timeframe |
| E | Music EQ |
| F | Pause (enter button) |
| G | Audio Quality |
| H | Energy |
| I | Data Source |
| J | File No./Quantity |
| K | A-B Repeat playing |
| L | Repeat one |
| M | File Lock |
| N | Volume (Up/Down buttons) |

## MP3 Music

Please make sure at least one music file saved as MP3 or WMA format in Music folder.

**Step 1**
Enter the Music Mode, the system will show Play List.

**Step 2**
Press up/down buttons to navigate play list, choose the song and enter to play.

## Lyric Support

The device support the Lyric saved as LRC format, the lyric file name must be named same as song name and edited with timeframe to ensure lyric showup at right timing.

**Step 1**
Open the lyric file under the editing program/software.

**Step 2**
Edit lyric as timeframe format-[hh:mm:ss] lyric.

**Step 3**
Save the lyric file name same as song name, LRC format saved as [.lrc].

**Step 4**
Save both MP3 music and lyric files in Music folder.

**Step 5**
The lyric will showup at edited timeframe as music is played.



| Play List | Basic |
| Rose Of My Cologne hot |
| Manchester hot |
| There Is Song |
| Cat Loves The Mouse |
| Next Verse |
| When Romance Is Dead |
| Page 1/1 |

►Note: The device only support 14 characters to display as one line in Chinese, Korean and Japanese; 28 letters in English and European languages.

MP3 Music: Press up/down buttons to navigate play list, choose the song and enter to play music.

## Volume

In playing mode, press up/down buttons to adjust the volume, the maximum volum is 20, the playing volume value display at bottom right corner.

## Music Switch

In playing mode, the user could press left/right buttons to switch the music to the previous/next song.

### Pause/Play

In playing mode, press enter button to pause, press again to continue.

### Times forward and backward

In playing mode, press left/right buttons continuously to backward/forward at four times speed (4X), release left/right buttons to play at normal speed. In pause mode, the user could press left/right buttons once to backward/forward at two times speed (2X), press left/right button twice to backward/forward at four times speed (4X), press left/right button three times to backward/forward at eight times speed (8X). While playing backward/forward, press enter button to play at normal speed.

### A-B Repeat Playing

In playing mode, press power button to set the start point A and end point B, the system will repeat playing A-B till the user press power button again to terminate the A-B repeat playing.

### MP3 Play

Enter menu list to display Play List, press up/down button to navigate the list, choose the song and enter to play music.

## Menu Basic Setting

### Play mode

The system offer four play mode options: Normal, Shuffle, Repeat One, Repeat All.

Normal: Play from start to the end
Shuffle: Play music at radom
Repeat One: Repeat the selected song
Repeat All: Repeat all songs

| | |
|---|---|
| 🎵¹ | Repeat One |
| 🎵ᴬ | Repeat All |
| 🎵ˢ | Shuffle |

### Music EQ

The system offer elevent EQ mode options: Normal, Rock, POP, Jazz, Classical, Dance, Heavy, Disco, Soft, 3D Stereo, and Hall. Choose a proper EQ mode according the music type, each EQ has different display image and audio performance.

### Sort by

The system create Play List and sort by four options: Normal, Artist, Title and Album.

### Language

The device support fourteen languages, please enter [Music Lang] to set the language of music name.

### ▶ Note

This function only for displaying music information in correct language, it may cause display error if the music language is set incorrectly.

### File Copy

If the data source is Internal Memory, the system will copy files from Internal Memory to SD Card. On the other hand, file will be copied to Internal Memory when the data source is SD Card.

### Delete

Enter the menu list, choose [Delete] option and enter [Yes] to delete the file.

### Delete All

Enter the menu list, choose [Delete All] option and enter [Yes] to delete all files.

### File Lock

Enter the menu list, choose [Lock] option and enter [Yes] to lock the file. Locked files shall not be delete, if the user want to delete the file, please enter the menu list to unlock the file.

# AV-IN

The device support both AV in and out, please use AV cable to connect the device with other multimedia devices with AV in and out function. Such as TV, DVD player and so on. Please connect the earphone plug with earphone port of the device. RCA connectors with AV out 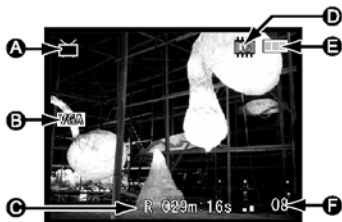port of TV or DVD player, navigate the mode menu and enter AV IN mode, then press power button to record TV programs and videos from TV or DVD player. On the other hand, plug RCA connectors into AV in port of TV and press enter to play movies on TV.



| | |
|---|---|
| A | Record Mode |
| B | Resolution |
| C | Recording Capacity |
| D | Data Source |
| E | Energy |
| F | Volume (Up/Down buttons) |

The device support VGA recording at 30fps, the resolution 640X480 could be displayed in a good quality on CRT and SDTV monitor, close to DVD image quality.

## Recording
Please connect the earphone plug of provided AV Cable with earphone port of the device, RCA connectors with AV-Out port of TV or DVD player, navigate the mode menu and enter AV IN mode, press the power button to record TV programs and videos from TV or DVD player, press the power button again to terminate the recording.

## AV-In Receiving and Recording
The user could adjust the audio and vedio quality to have better receiving and recording performance on the device.

## Play Video
After recording, the recording files will be saved in Video folder and the user could press enter to play recorded videos directly.

# Menu Basic Setting

## OSD Setting

Three OSD Display Options
1. On: Display the system information
2. OSD Off: Close the system information
3. LCD Off: Turn off the screen and could be reopened by press any key.

## Video Quality

Enter the menu list, choose [Video Qual] and enter to navigate video quality options, Best, Fine, Normal, Basic and Economic. The better video quality the user choose, the bigger size the file saved.

## Audio Quality

Enter the menu list, choose [Audio Qual] and enter to navigate audio quality options, 16KHz and 48KHz. The better audio quality the user choose, the bigger size the file saved.

## TV Type

Enter the menu list, choose [TV Type] and enter to navigate TV type options, NTSC and PAL, press enter to confirm the proper TV type for local TV system.

## Auto Record

Enter the menu list, choose [AutoRecord] to switch on/off the setting. The device support auto detection, the system will start to record video once the video signal inputted, press power button to stop recording or terminate the video signal transmission (for example, remove AV Cable or turn off the device of video source).

# Schedule Record

The device support twelve schedule record events, the schedule record only available in AV IN mode and the user could press the power button to terminate the recording.

### Step 1
Enter the menu list

### Step 2
Choose [Event Set]

### Step 3
Press [New Add] to enter the schedule recording program.

### Step 4
Use left/right button to switch items, use up/down to navigate item options and press enter to confirm the setting.

If the user want to delete or change the setting of schedule record programs, please enter the menu list and choose the program to change setting items, then press [Delete] to delete the program or press [Yes] to save changes or press [cancel] to ignore changes.
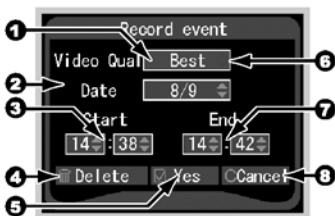


| 1 | The selected Item (use left/right to switch items, use up/down to navigate options) |
| 2 | Recording data (Options, data in one month, weekday, daily) |
| 3 | Start time (mm:ss) |
| 4 | Delete (New added program) |
| 5 | Yes (save changes) |
| 6 | Video Quality (Best, Fine, Normal, Basic, Economic) |
| 7 | End time |
| 8 | Cancel |

# Recorder

Please navigate the mode menu, choose [Recorder] and enter to record voice.
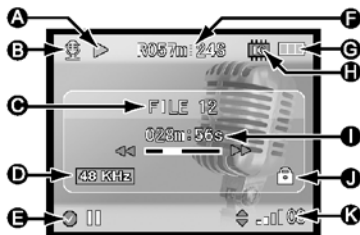
| | |
|---|---|
| A | Play mode |
| B | Record mode |
| C | File No. |
| D | Audio Quality |
| E | Pause (enter button) |
| F | Recording capacity |
| G | Energy |
| H | Data source |
| I | Playing time |
| J | File lock |
| K | Volume (up/down buttons) |

## Voice Recorder

Press power button to record voice and press again to terminate.

## Recording Range

The recording range is in 3 meters and above.

## Play Voice file

After recording, press enter button to play the recorded voice file and press again to pause. Press up/down buttons to adjust the volume and left/right buttons to switch to the previous/next voice file.

# Menu Basic Setting

## Audio Quality

Enter menu list, choose [Audio Qual] to navigate audio quality options, 16KHz and 48KHz, choose the preferred audio quality and press enter to confirm the setting. The better audio quality the user choose, the bigger size the file saved.

**Delete**

Enter the menu list, choose [Delete] option and enter [Yes] to delete the file.

**Delete All**

Enter the menu list, choose [Delete All] option and enter [Yes] to delete all files.

**Startup Set**

Enter the menu list, choose [Startup set] and enter [Yes] option, the system will set the file as the startup file. If the user want to delete the startup file, please enter [Setup] Mode and change the setting of [Start File].

**File Copy**

If the data source is Internal Memory, the system will copy files from Internal Memory to SD Card. On the other hand, files will be copied to Internal Memory when the data source is SD Card.

**File Lock**

Enter the menu list, choose [Lock] option and enter [Yes] to lock the file. Locked files shall not be deleted, if the user want to delete the file, please enter the menu list to unlock the file.

**External Microphone**

If the user want to use the external microphone to record voice, please connect the external microphone through the earphone prot of the device first, enter the menu list and choose [ExternMic] to switch on the function. The directional external microphone has better performance and longer recording range.

# Browser

The device support browser, the user could navigate files saved in both Internal Memory and SD Card, please navigate mode menu and enter Browser mode.
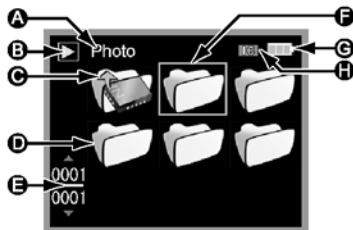


| A | Selected folder name |
|---|---|
| B | Browser mode |
| C | Data source/Back (press enter button to back to previous route/folder) |
| D | Page No./Quantity |
| E | Selected folder |
| F | Energy |
| G | Data Source |

| | |
|---|---|
| | press enter button to back to previous route/folder (Internal Memory as Data Source) |
| | press enter button to back to previous route/folder (SD Card as Data Source) |
| | press enter button to back to previous route/folder |
| | press enter button to enter the folder |

In Browser mode, the user could play all files saved in different folders of Internal Memory or SD Card.

## Menu list

In Browser mode, the menu list of playing file is different each folder.

# Setup

Please navigate the mode menu, choose [Setup] and press enter for system setting.



| A | Setup mode |
|---|---|
| B | Menu item (press enter/right buttons to view and set options, press left button to quit) |
| C | Page No. / Quantity |
| D | Menu item options (press enter/right buttons to view and set options, press left button to quit) |
| E | Item Page No. / Quantity |

Enter Key Sound option to set as [On] or [Off].

### Key Tone

Enter Key Tone option to set as [Normal], [Alert], [Champagne], [Click], [Beat], or [Fire].

### Startup File

The user could enter this option to turn on/off the function or delete startup file if any.

### Set Date

Press up/down button to switch date display modes, the system support three options, [dd/mm/yy], [yy/mm/dd], and [mm/dd/yy].

Press left/right buttons to switch setup options and use up/down to adjust day, month and year value. After complete the setting, press enter to confirm the setting and back to the meny list.

## Set Time

Press up/down button to set [am] or [pm], press left/right buttons to switch setup options and use up/down to adjust hour and minute value. After complete the setting, press enter to confirm the setting and
back to the menu list.

## Storage

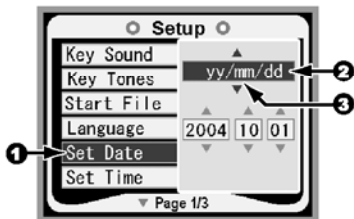Enter Storage option to set the data source as [Internal] or [SD Card].

## TV Type

Enter TV Type option to se the TV system as [NTSC] or [PAL].

## Auto Off

The device support five auto off options, [off], [1 min], [2 mins], [3 mins], and [5 mins].



| 1 | Set Date |
|---|---|
| 2 | Date display mode |
| 3 | Press up/down buttons to switch item options, press left/right buttons to navigate items. |

## Format

For better performance and correct format, suggest the user to format the memory for first time use, press enter to format SD Card or Internal Memory.

## Brightness

The device support five brightness options for better display in different occasion, [20%], [40%], [60%], [80%] and [100%]. Suggest the user to set at high brightness rate for the outdoors use.

## Contrast

The device support five contrast options for better display in different occasion, [20%], [40%], [60%], [80%] and [100%]. Suggest the user to set at high contrast rate for the outdoors use.

## Memory Capacity

Enter the option to view memory capacity of both Internal Memory and SD Card, the system display used, can use and total memory capacity.

## Set Default

The user could enter the option to set the device as original default value.

## Version

The user/distributor could check the software version as tracking information for after service.

# Memory

In Memory mode, the user could set Internal Memory or SD Card as the data source/storage by pressing enter button to switch. Navigate the mode menu, choose [Memory] and press the enter button to switch memory as Internal Memory or SD Card.

# TV-out

Use TV monitor as the screen to play audio and video files from the device.



View recorded video and movies (NTSC or PAL) and make slideshows on TV.

Video
Audio L
Audio R

**Directly Record from TV**

TV-OUT

AV-IN

Directly record from VCR, DVD player, Satellite receiver, DVB-T box or cable box.
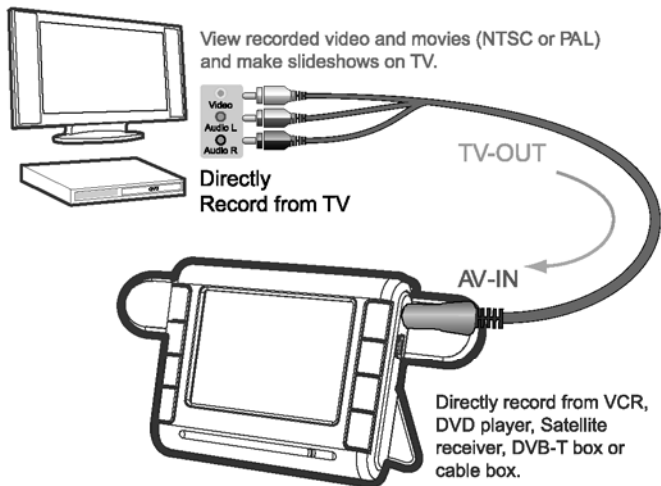
## Audio/Video Output to TV

Please connect the earphone plug of provided AV Cable with earphone port of the device and RCA connectors with AV-IN port of TV, then operate the device to play movie, photo, music and voice files to share with people in the public.

**1**

The operation of AV-IN and AV-OUT

# Q&A

## ►Why does the device come with files?

These files are saved for demonstration adn the user could delete them.

## ►Cannot Power On

Please make sure the battery is fully charged and connected with the device properly. Many people install the battery reversely, contacts of the device are not connected with contacts of battery, the device can not get the power from the battery to run the system, so please make sure the battery is installed and connected with the device well.

## ►Battery Charging

1. The battery is fully charged when the red LED light blinks for one second and then turns off.

2. If you can not charge the battery for the first time use, please check whether the battery is installed properly. We recommend to charge the battery fro at least four hours at the first time to make sure the battery is fully charged.

3. After the battery is charged or the device used for thirty minutes continuously, the device will cause some heat, which is a normal charge or discharge phenomenon.

4. If the battery icon blinks when the device is on, it means low battery, please recharge the battery or replace with another one.

5. The unit is bundled with a high-quality battery. If you would like to purchase a new battery, we recommend to buy a high-quality one with same spec, to maintain good operation of the device. We do not recommend to use a low-cost/quality handset charger to charge the battery. Some electric appliances are not protected by an overload design and will shorten the battery life.

## ►Cannot use the inserted SD/MMC cards

If you cannot use inserted SD/MMC cards, please check following points.

1. Please check if the memory card is damaged. If the memory card is damaged, please replace with a new one. If the card is in good condition, but can not be read by the system, it may be caused by the broken chip-controller or card locked. If the memory card is locked, please contact the memory card supplier for a solution.

2. For better performance, suggest to format the memory card before operation. Please enter Detup mode, menu list and proceed the format option to format the memory card on the device. To format the memory card on PC, please use FAT file system.

## ►Cannot play ASF(MPEG4) file on PC

In Windows system, suggest to play movies by Windows Media Player. In Mac system (Above OS 10.x), suggest to play movies by VLC Media Player.

HOLD !!
Please release HOLD switch.
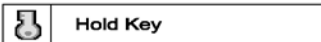
| | Hold Key |

## ►No function on buttons

Please make sure if the Hold Key is switched on (Arrow direction). This hold function is designed to prevent operating by mistakes in playing and recording modes. If the system display a message as the above image shown when the user power on the device, that means the Hold Key is switched on, please release the hold key for correct operation.

## ►Cause Heat at operation

The device will cause heat at power recharging status and play continuously for thirty minutes, it's a normal condition.

## ►Longer music playing

The user could purchase a higher capacity NP-60 battery.

## ►Mosaic in AV-In mode

Please change to high-speed SD card and enlarge the resolution.

## ►The recorded movie become too bright

Please adjust the brightness or contrast of AV-IN video source to get a normal video quality.

## ►Support high capaity SD card?

The 4G SD card had been tested and worked very well on the device, but it may have compatible problem with the device due to brands and released timing, so 4G SD card is not listed as an official supported card capacity.

## ►WHy does the file size become large after convert?

The compression level of original file is different from supported format, the file size might become large during decode and encode process, it is caused by compression method/level.

## ►What to do when the device shut down?

Improper operation might cause the device shut down. If the device can not be powered on/off, please open the battery cover to reinstall the battery, then trun on the device and the system works again. In case SD card or some files are broken, it may also cause the device shut down, please replace a new SD card or delete broken files for correct operation.

## ►Warranty

The user/distributor is prohibited to open the device for repair or any other reasons or the warranty will be cancelled. If defective points are not caused by human-error, the make/supplier is responsible for free repair in warranty period. After the warranty period or out of the warranty range, the material and service costs will be charged upon the agreement of the user.

# product Specification and Function

1. **Movie Player**
2. **Photo Album**
3. **Slide Show**
4. **Music Player**
5. **Voice Recorder**
6. **Browser**
7. **SD/MMC card reader**
8. **USB Disk**
9. **AV Recorder**

## Specification

| | |
|---|---|
| **TFT LCD** | 2.5" LTPS TFT LCD<br>262K colors, 960X240 pixels |
| **Interface** | Mini USB, Earphone ports (Multifunctional) |
| **TV system** | NTSC/PAL |
| **Photo Print** | support DPOF (Digital Print Order Format) |
| **Storage Memory** | SD/MMC card (32MB~2G) |
| **Photo format** | JPEG (EXIF2.2) |
| **Movie format** | ASF (MPEG4) |
| **Voice record** | WAV (ADPCM) |
| **AV-In Record** | ASF (MPEG4 simple profile) |
| **Music Play** | MP3/WMA (WMA do not support DRM) |
| **Power** | Rechargeable Li-ion battery, NP-60 at 3.7V |
| **Adapter** | DC 5V 1A (mini USB port) |

## Product dimension

| | |
|---|---|
| **Weight (g)** | 96g (without battery) |
| **Length (mm)** | 82mm |
| **Width (mm)** | 68mm |
| **Height (mm)** | 16mm |