

10.4" LCD Digital Photo Frame

ZOpid[®]

HF-ZW104B



The pictures, diagrams and certain functions described in this manual may differ from the actual product due to different models.

USER MANUAL

Visit www.hittusa.com to check if an updated user manual is available

SAFETY AND GENERAL INFORMATION
IMPORTANT INFORMATION ON SAFE AND EFFICIENT OPERATION OF THIS PRODUCT

Before operating your Digital Frame, please read all these safety and operating instructions completely and then retain for future reference.

- Keep all parts and accessories out of children's reach
- The Digital Picture Frame is for indoor use only.
- Never cover the digital frame, while in use, (e.g. with clothes, towels or blankets).
- Position the digital frame and AC adapter to allow adequate ventilation.
- Never use or place digital frame in moist places or near water. For example, do not use near a bathtub, washbowl, laundry tub, kitchen sink, in a wet basement, etc.
- To prevent overheating, keep the digital frame and AC adapters away from heat sources such as radiators, heat registers, stoves or other appliances (including amplifiers), which produce heat.
- Keep digital frame out of direct sunlight.
- Do not store in very cold areas. When the system warms up, the moisture can form inside the case, which may damage electronic circuit boards.
- Do not attempt to open the case. Non-expert handling of the device may damage the system.
- Avoid dropping or strong shocks.
- Disconnect the AC adapter from wall outlets during long periods of non-use.
- Use only the AC adapters provided. Use of any others may damage the digital frame.
- If traveling abroad, make sure that the voltage shown on the power adapters corresponds to the local power, before plugging in the AC adapters into the electric outlets.

CLEANING THE LCD SCREEN

- Treat the screen gently; if not handled properly, the screen on the Digital Picture Frame can be scratched or broken.
- If fingerprints or dust make the LCD screen dirty, we recommend using a soft, non-abrasive cloth such as a camera lens cloth to clean the LCD screen.
- If you use an LCD Cleaning Kit sold on the market, apply the cleaning liquid to the cloth and not directly to your LCD screen.

TABLE OF CONTENT

Introduction	4
Main Features	4
Optional Features	4
Package Content	4
Setting up Frame	5
Controls & Memory Card Slots	5
Remote Control Buttons Descriptions.....	6
Inserting Memory Cards	6
Choosing Storage Media	7
Main Menu	8
Viewing Pictures	8
Photo Rotate & Zoom	9
Slideshow	10
Listening to Music	12
Watching Videos	14
File Management	14
Slideshow From the Selected Folder	15
Copying Files	15
Deleting Files	15
Calendar & Analog Clock	17
Using the SETUP option	17
Connecting to a Computer	18
Copying Pictures, Music & Video Files From Your Computer	18
Setup Alarm	19
Frequently Asked Questions	20
Troubleshooting	20
Warranty & Service	21
Specifications	21
Replacing The Remote Control Battery	23
Regulatory Compliance	24
CE Declaration of Conformity	24
Federal Communications Commission (FCC) Notice (U.S. and Canada)	24
End-of-Life Disposal	25

INTRODUCTION

Congratulations on your purchase of our Digital Picture Frame. Model No.: HF-ZW104B. Before operating the unit, please read this manual thoroughly, and retain it for future reference. This manual will help you use many of the exciting and useful features that will make your Digital Picture Frame viewing more enjoyable.

This Digital Picture Frame lets you view digital pictures directly from your camera's memory cards or the internal memory. You will be able to create a slideshow using multiple transition effects or display one picture at a time. No computer, digital camera or Internet connection is required.

This Digital Picture Frame is compatible with the following popular memory card formats: CompactFlash®, SD™, XD, MultiMediaCard™, and Memory Stick®. It can also read files stored on a USB Flash drive using the USB host port.

MAIN FEATURES

- Resolution of display: 800*600 pixels
- Memory card: SD/MMC/MS and USB flash disk
- Picture format: JPEG (Base Line and Partial Progress)
- Highest picture resolution supported by the frame: 8000*8000 pixels
- Supports three picture-displaying models: moderate, full screen, and partial screen
- Supports three picture-displaying effects: Color, Mono, and Sepia
- Support picture rotating and zooming
- Varied in Transition effects of slideshow: split, shutter, pane, chessboard, scroll, stripe, etc.
- Supports three slideshow modes: single window, three windows, and four windows
- Supports MP3, WMA and WAV audio formats
- Supports MPEG1/2/4, AVI, MOV, DIVX & MJPEG video formats
- Built-in Analog Clock
- Supports directory/file-checking and slideshow of the selections
- Supports files management by connecting to a PC
- Multi-language support

OPTIONAL FEATURES

- Supports built-in memory
- Supports copying files between memory cards and built-in memory
- Supports built-in memory formatting
- Supports file deletion from the built-in memory

PACKAGE CONTENT

- Digital Picture Frame and stand
- User Guide
- Power Adapter
- Remote Control
- USB Cable

SETTING UP FRAME

IMPORTANT: Please copy at least one picture to frame's built-in memory for all Menu Options to work properly (see page 17)

- Open the package and remove the protective cover and then remove the protective screen cover.
- Adjust the Digital Picture Frame stand on the back of the unit.
- Plug AC adapter into power outlet. Plug the other end into the unit.
- If using a memory card or a USB drive, insert the media into the correct slot.
- Turn ON the power using ON/OFF switch.

CONTROLS



MEMORY CARD SLOTS



NOTE: The key/button labels on your frame and remote may be slightly different from the one shown in this user manual.

REMOTE CONTROL BUTTONS DESCRIPTION

The following table briefly describes the remote control functions

POWER: Turn Screen ON or OFF

SETUP (on Remote) (**MENU** button on Frame): Displays Menu related to the current Mode of use

CARD SELECT: Select memory cards or built-in memory or USB Drive

SLIDE SPEED: Adjust the speed of slideshow

MODE SELECT: Select Photo Display, Music Play, and Movie Play, or Display Calendar

SLIDESHOW: Start Picture Slideshow

MUTE: Mute sound

DISPLAY MODE: Full, Auto Fit or Pan Scan

EXIT: Exit or Go to the previous Menu

VOL+/-: Adjust the volume



: Rotate 90°, 180°, 270°



: Zoom In or Zoom Out



INSERTING MEMORY CARDS

The Digital Picture Frame is compatible with the following memory cards:

- Secure Digital™ Card (SD)
- MultiMedia™ Card (MMC)
- Memory Stick™
- CompactFlash™ (CF) Card
- XD Picture Cards

Insert the memory card with the front label facing AWAY from you. Do not force the memory card into the memory slot. If you are not able to easily insert the memory card completely, you may have inserted it the wrong way.

NOTE: The Digital Picture Frame will ONLY recognize digital pictures stored in JPEG format. The frame ignores digital pictures stored in other formats. Make sure you have at least one picture stored on the memory card or built-in memory.

IMPORTANT: The frame will not function properly if there is no JPEG picture stored on the built-in memory (see page 17 for instructions to copy pictures to the built-in memory).

You can also use a USB flash drive in the exact same way as you would use a memory card. Simply copy files on the flash drive and insert it in the USB Host port.

CHOOSING STORAGE MEDIA

Press CARD SELECT on the remote to choose the storage media if one or more of the storage media (built-in memory, or a memory card or USB drive inserted in one of the slots) has pictures or songs or video files stored on it.



Use Left\Right buttons to select the storage media
Press Enter to confirm the selection

IMPORTANT: The slide show starts automatically, if the built-in memory or the memory card inserted in the slot has pictures stored on it when the frame is powered on

NOTE: if there are MP3 music files on the same storage media as pictures, the music will also start playing with the slideshow. These settings can be changed through the setup option from the Main Menu.

MAIN MENU

IMPORTANT: Please copy at least one picture to frame's built-in memory for all Menu Options to work properly (see page 17)

Press EXIT key repeatedly until the Main Menu is displayed



Use the left and right arrows to make a selection and then press "Enter" to confirm the highlighted option.

From the Main Menu user can select browse pictures, play music or videos, or manage files functions. User can also setup Calendar and other system Settings from the Main Menu.

NOTE: To return to the Main Menu press EXIT key

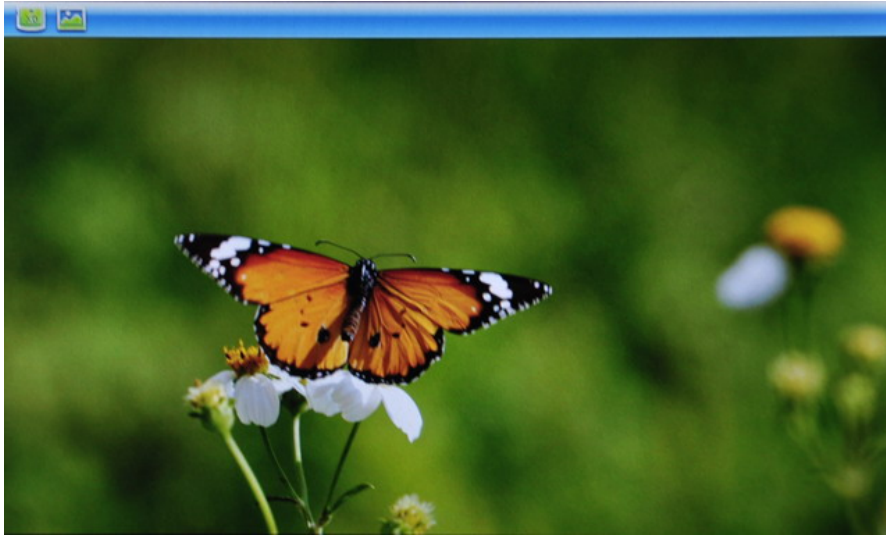
VIEWING PICTURES

Select **Photo** from the **Main Menu**, to enter **Photo Preview Mode**.



Use Up\Down\Left\Right buttons to select the photo

Press Enter to start **Photo Preview Mode** (*Press ENTER to switch between Photo Preview and Slideshow Modes*)




Use Left\Right buttons to browse the previous or next photo

PHOTO ROTATE & ZOOM

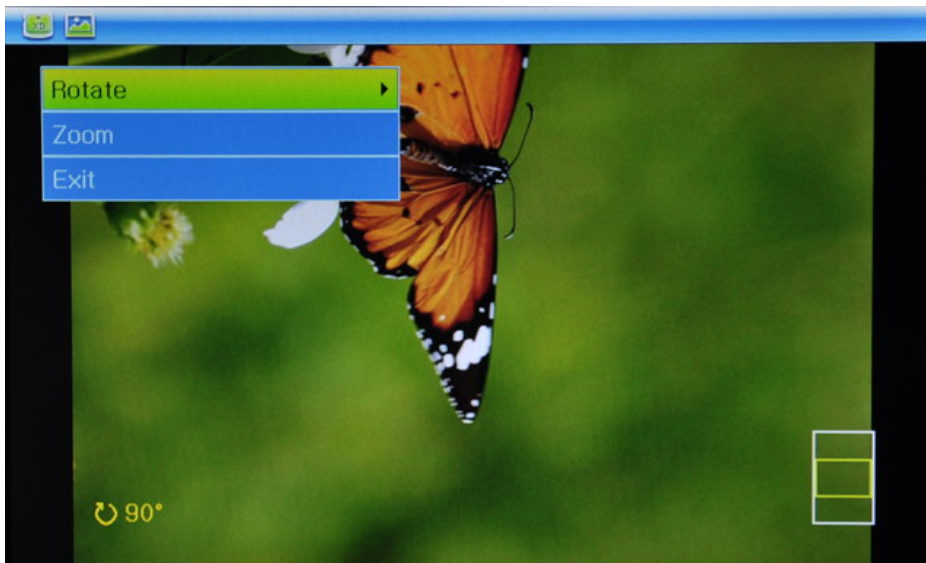
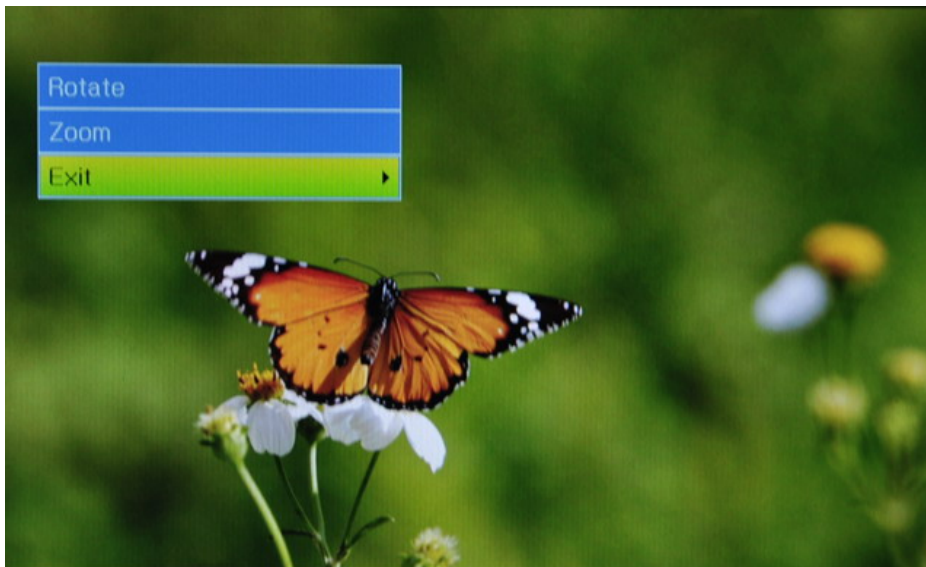
In **Photo View Mode**, press **SETUP** or **MENU** to bring up Rotate & Zoom Menu (**Note:** Exit Slideshow mode by pressing ENTER Key to use Rotate and Zoom Buttons on the Remote)

Each time Rotate is selected the photo is turned clockwise 90 degrees

NOTE: You can also use  button on the remote to rotate pictures

Each time Zoom is selected the photo is magnified by certain ratio

NOTE: You can also use  button to use zoom feature



Press **Menu/Setup** again to exit from the menu

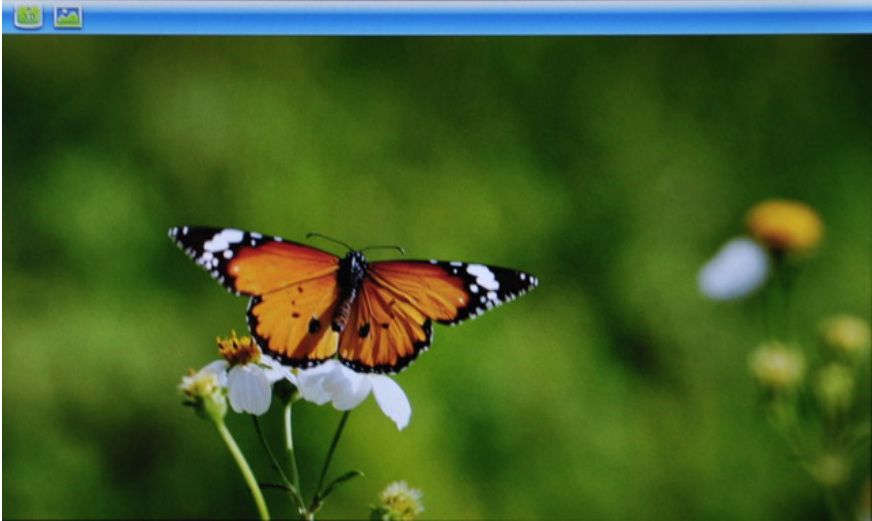
NOTE: Use Left\Right\Up\Down in **Zoom Mode** to shift viewing area

SLIDESHOW

Press Enter in **Photo Viewing Mode** to start **Slideshow (or press Slideshow button on the remote)**

This frame has three slideshow modes, that is, single window, three windows, and four windows.

Single Window



Four Windows

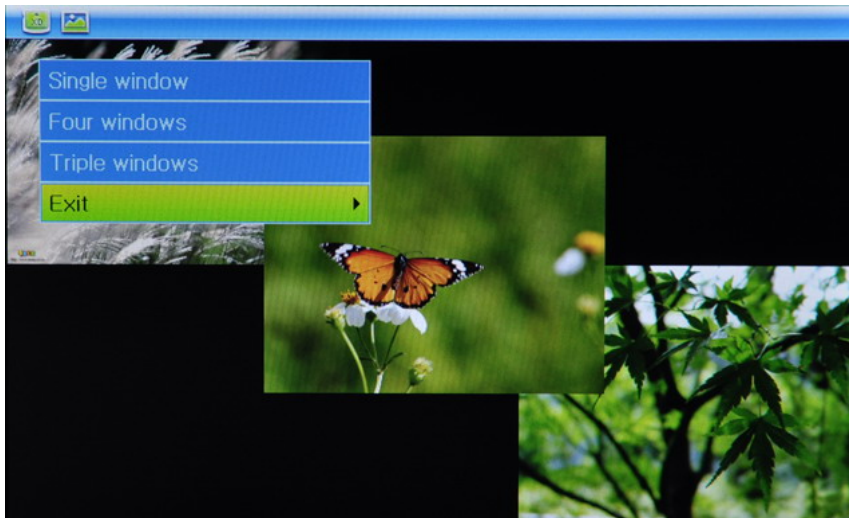


Triple Windows



Press Enter to stop slideshow

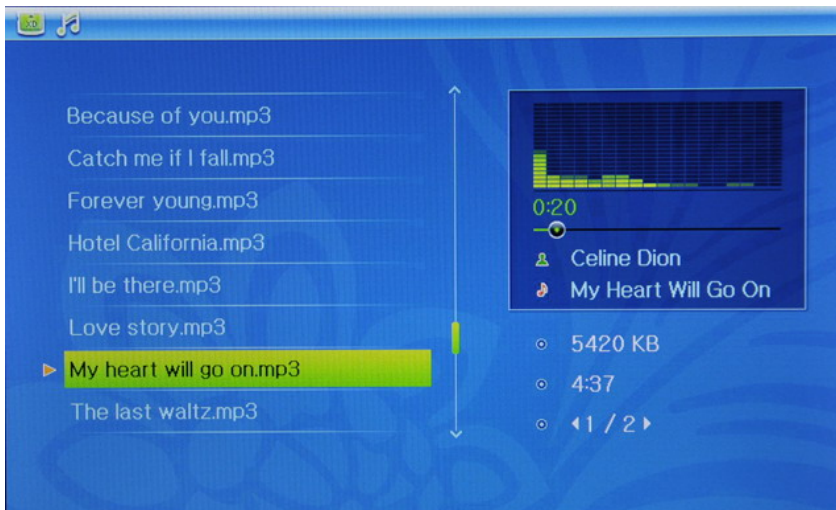
Press Menu/Setup to select the preinstalled slideshow mode



NOTE: in four windows slideshow mode, this frame will display 2-4 different photos according to pictures aspect ratio.

LISTENING TO MUSIC

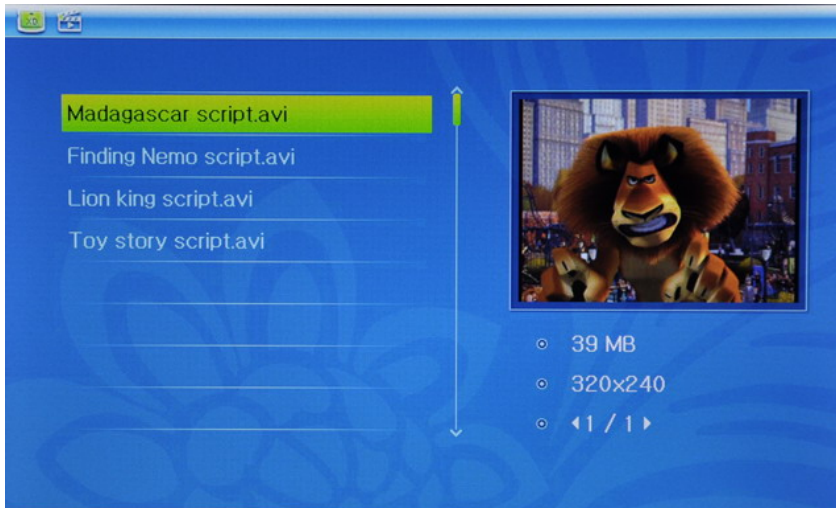
Go to the MAIN MENU (Press EXIT key repeatedly until the Main Menu is displayed), and select **Music Mode**.



Use Up\Down buttons to select a music file
Press Enter to start\pause playing current music file

WATCHING VIDEO

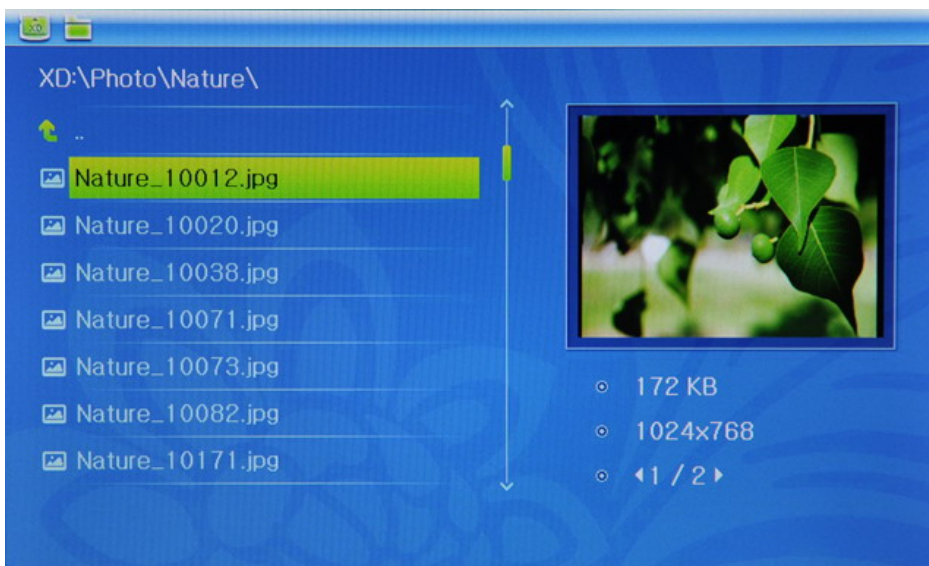
Go to the MAIN MENU (Press EXIT key repeatedly until the Main Menu is displayed) and select **Video Mode**.



Use Up\Down buttons to select a video file
Press Enter to start playing the music file

FILE MANAGEMENT

Go to the MAIN MENU (Press EXIT key repeatedly until the Main Menu is displayed), and select **File Management**.



Use Up\Down buttons to select a file
Press Enter to open or close the current file, or browse\display the current file

SLIDESHOW FROM THE SELECTED FOLDER

- Start file management
- Highlight and select a folder (such as MEM\Jpeg)
- Enter **Slideshow Mode** (displays photos\music files in the directory MEM:\Jpeg only and not from the subdirectories) .

NOTE: If slideshow is not started from **File Management**, then the frame displays all the photos\music files on the selected memory card or built-in memory.

COPYING FILES (From memory card to built-in memory)

- Select the memory card
- Enter Photo Preview Mode (Press EXIT key to stop Slideshow), Music Mode, Video Mode or File Management
- Press MENU / SETUP button to display Copy File Menu
- Select copy, and then the current files or directory could be copied to built-in memory

DELETING FILES

To delete multiple pictures from the frame's built-in memory or memory cards, connect the frame to your computer and when it's recognized as a removable disk, just use the normal method you would use to add and delete files on your hard-drive.

If you have a PC, use Windows Explorer and if you have a Mac, use Finder to open the removable drive to add and delete pictures.

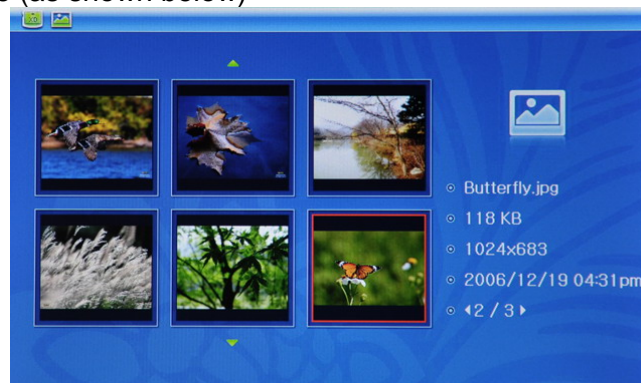
NOTE: The following methods apply to pictures on the Built-in Memory ONLY

You can delete one picture/folder at a time from the Built-in-memory (not from the memory card inserted in one of the frame's card slot) by using the remote control.

One way to delete pictures individually is as follows:

Make sure Built-in-memory is selected.

If you are in slide-show mode press EXIT key on the REMOTE until you see six thumbnail pictures on the frame (as shown below)



Select the picture you want to delete using arrow button on the REMOTE

Press SETUP button on the REMOTE

Select DELETE from the pop-up menu using arrow keys on the REMOTE and press ENTER key on the REMOTE to permanently delete picture from frame's built-in memory.

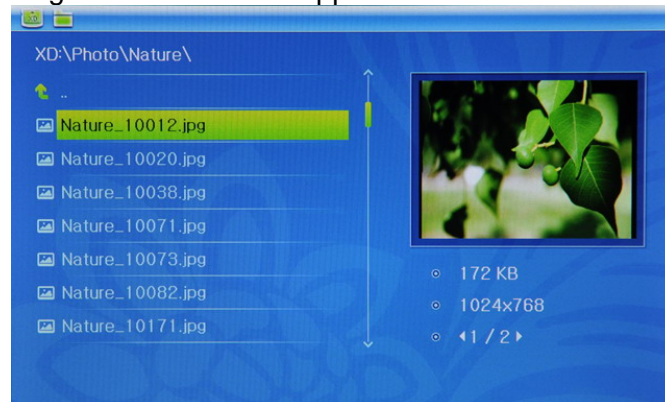
Repeat this process to delete additional pictures.

Another way to delete pictures and folders from the frame's built-in memory is as follows: Make sure Built-in-memory is selected.

From the Main Menu select "FILE" (which is 4th icon from the left with picture of a folder) using arrow keys and press ENTER



The following file management screen will appear on the screen



Highlight the folder or file you want to delete using arrow keys

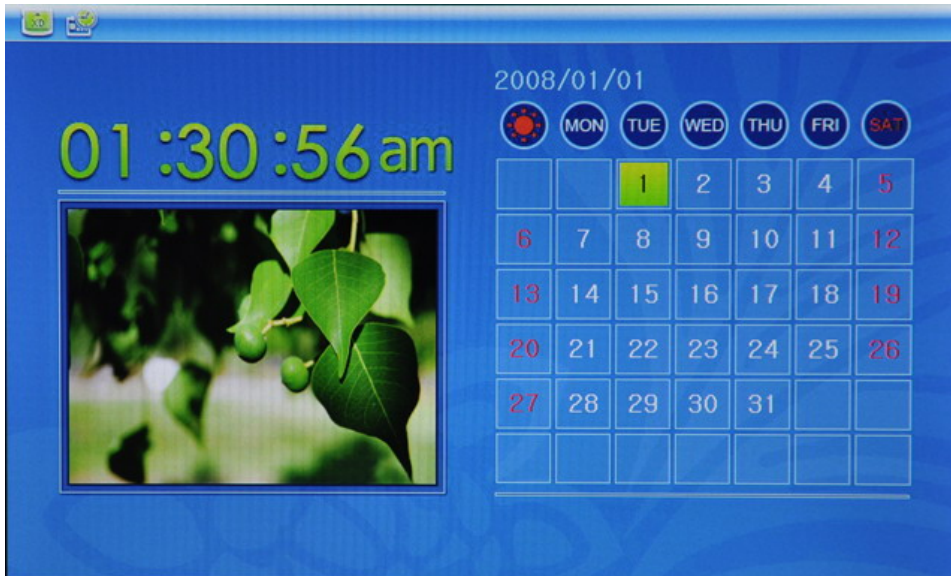
Press SETUP button on the remote

Select DELETE from the pop-up menu using arrow keys on the REMOTE and press ENTER key on the REMOTE to permanently delete selected picture or folder from frame's built-in memory.

Repeat this process to delete additional pictures and/or folders

CALANDER & ANALOG CLOCK

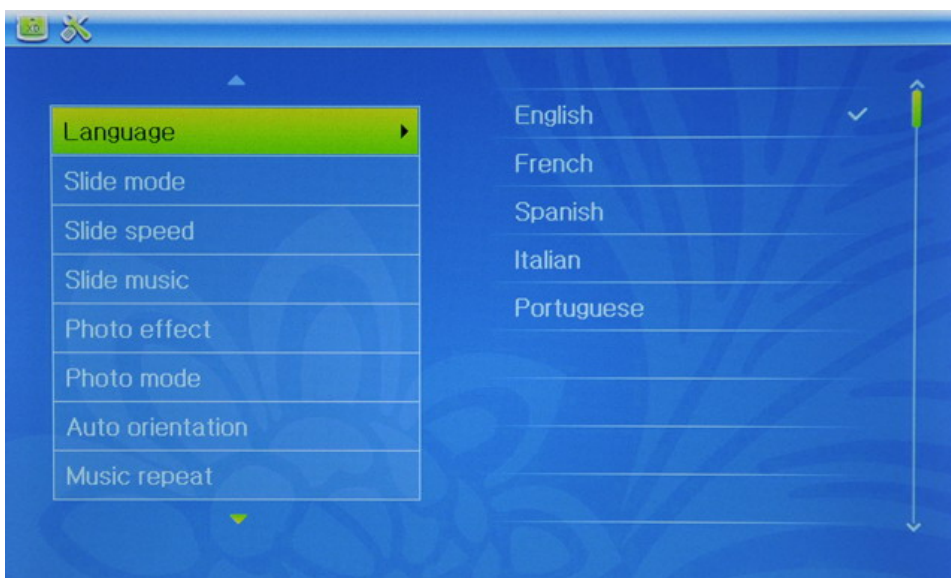
Go to the MAIN MENU (Press EXIT key repeatedly until the Main Menu is displayed), and then highlight and select **Calendar and Analog Clock**.



Use Up\Down buttons to display the next\previous year's calendar
Use Left\Right buttons to display the previous\next month's calendar
Press Enter to confirm the selection

USING THE SETUP OPTION

Go to the MAIN MENU (Press EXIT key repeatedly until the Main Menu is displayed), and highlight and select **System Setup**.

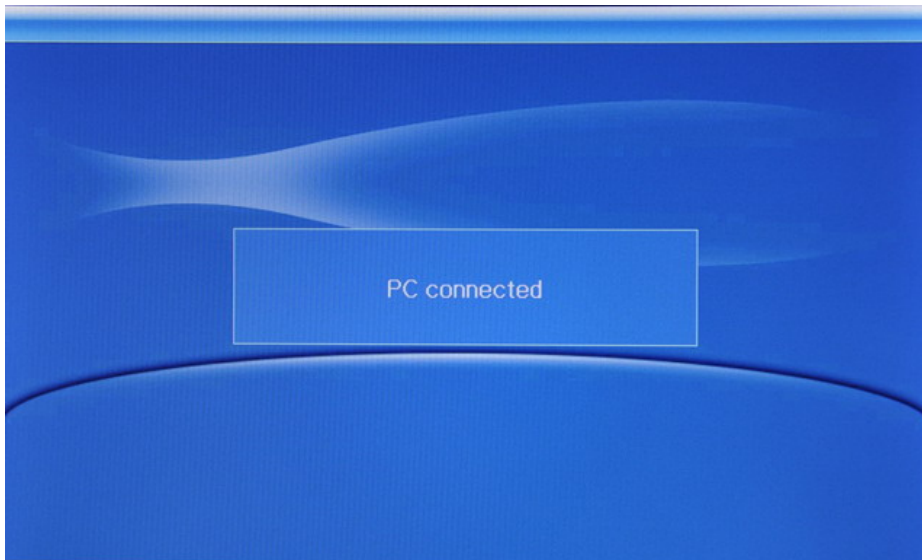


Use Left\Right\Up\Down\Enter\Exit keys to setup different system options like Language, Slide mode, Slide Speed, Photo effects, etc.

CONNECTING TO A COMPUTER (Using Mini USB port)

Connect big end of the USB Cable, provided with the frame, to computer's USB port and connect the smaller end of the USB cable to the mini-USB port on the frame.

NOTE: When connected for the first time, it will take a couple of minutes for the computer to recognize and setup the frame as a USB storage device.



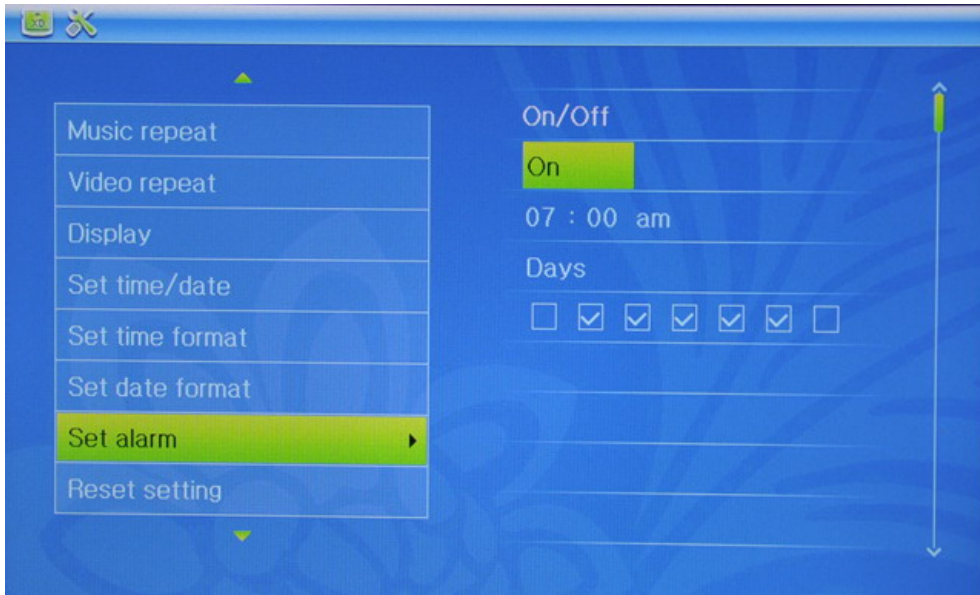
COPYING PICTURES, MUSIC & VIDEO FILES FROM YOUR COMPUTER

Once the frame is recognized as a USB storage device, depending on whether the frame has built-in memory and/or memory card(s) inserted in its card slot(s), you will see one or more new “**Removable Disk(s)**” in computers file management application (File Explorer, Finder etc.).

You can drag and drop pictures, music and video files from your computer's hard-drive using file management utility like File Explorer (Windows Users) / Finder (Mac Users) to one of the Removable Disks corresponding to either the built-in memory or a memory card in the card slot.

SETUP ALARM (Not available on all frame models)

Go to the MAIN MENU (Press EXIT key repeatedly until the Main Menu is displayed) and select System Setup and then select **Set Alarm**



After the alarm is setup alarm time is shown on the calendar when **Calendar and Analog Clock** option is selected. The built-in alarm will go off at the set time.



FREQUENTLY ASKED QUESTIONS

Q: Why do my photos take so long to load?

A: Generally the higher the resolution of the photo, the longer it will take to load. Resizing your photos to a lower resolution will quicken the processing time.

Q: How do I copy music files to the frame?

A: First, use a personal computer and popular audio editing software to convert your music to MP3 or WMA format. The Digital Picture Frame will only play MP3 or WMA (Without DRM) files so audio files in other formats like ACC (iTunes) etc. will have to be converted first. See **“Copying Pictures, Music & Video Files from Computer”** section to see how to copy music files to the frame.

Q: Why doesn't Digital Picture Frame show some of my photos?

A: The Digital Picture Frame is designed to show photos following the same camera industry standards format as digital cameras. This format is a JPEG format. Images, such as web images, scanned images, or photos in RAW format, are not stored according to camera industry standards and therefore cannot be displayed correctly on the Digital Picture Frame. Please use your PC applications to convert such images into standard JPEG format before copying them to the built-in memory on the Digital Frame or a memory card.

Q: Why can't I play a video file on the frame?

A: Please make sure the video file is in one of the supported video file formats and size.

TROUBLESHOOTING

- **Digital Picture Frame does not power on**

The POWER connector to the unit is not securely inserted. When you connect the AC adapter to the frame and power up the unit, even without a memory card, you should see a blank screen. If you don't see the lit screen, check if the power is connected to the Digital Picture Frame and make sure it is securely attached.

- **No Start-up screen**

Memory card is not inserted correctly or the built-in memory or the memory card does not have photos, video or mp3 files or not in supported format.

- **Memory card is not recognized by the frame**

Make sure the card is inserted properly – Make sure the front label of the memory card is facing AWAY from you.

IMPORTANT: Do not force the memory card into the slot.

WARRANTY & SERVICE

Coverage: Hi-Tech Trading (USA), Inc. ("HiTT") warrants this product ("Product") against defects in materials and workmanship under normal consumer use for 1 year from the date of purchase. HiTT, at its option, will at no charge repair, replace or refund the purchase price of this Product should it not conform to this warranty. This limited warranty is a consumer's exclusive remedy, extends only to the first consumer purchaser, is not transferable and is valid only on Products purchased by consumers in the United States or Canada.

Exclusions:

Normal Wear and Tear: Periodic maintenance, repair and replacement of parts due to normal wear and tear are excluded from coverage.

Miscellaneous: This warranty does NOT cover defects or damage that results from: (a) improper operation, storage, misuse or abuse, accident or neglect, such as physical damage (cracks, scratches, etc.) To the surface of the Product resulting from misuse; (b) contact with liquid, water, rain, extreme humidity or heavy perspiration, sand, dirt or the bike, extreme heat, or food; (c) use of the Product for commercial purposes or subjecting the Product to abnormal usage or conditions; (d) service, installation, alteration, or modification in any way by someone other than HiTT and, (e) other acts which are not the fault of HiTT.

Obtaining Service: To obtain service or information, please send email to help@hittusa.com. You will receive instructions on how to ship the Product, at your expense, to a HiTT Service Center. To obtain service, you must include a copy of your receipt. Copy of receipt is not required if you registered this product on our website www.hittusa.com within 30 days of purchase date.

SPECIFICATIONS

Viewing Area	10.4" (Diagonally)
Resolution	800 x 600
Display Mode	4:3
Luminosity	350cd/m2 max.
Contrast	300:1
Viewing Angle	70/70/70/40 (CR=10)
Menu Languages	English, German, French, Spanish, Italian, Dutch, Portuguese & Greek
Clock	Alarm
Photo Changing Interval	User selectable time 3sec to 1 hr
Picture Setup	Brightness, Contrast, Saturation & Tint
Supported File Format	JPEG, AVI, MPEG1, MPEG2, MPEG4, MP3, WMA & WAV
Maximum Photo Size	8000 x 8000 Pixels
Supported Storage Media	SD/MMC/MS/CF/XD/USB
Maximum Readable Card Size	SD/CF: 2GB MMC/MS/XD: 2GB

USB ports	USB Host, USB Slave
Audio & Video Output	Built-in Speakers, Earphone Jack
Start-up	Slideshow
A/C Adapter	Input: AC110—240V (50Hz—60Hz) Output: 12V
Power Consumption	6 Watts
Working Temperature	-20 to +45 degrees
Package Content	Digital Picture Frame Power Adapter User Guide Remote Control USB Cable

Install / Replace Remote Battery

- 1— See illustration on the back of the remote to remove battery-holder from battery-compartment



- 2— If replacing existing battery, remove old battery from battery-holder



- 3— Install new battery with + sign on the battery facing up in the battery-holder



- 4— Insert the battery-holder in the battery-compartment – push it in until it clicks in place



Cautions:

1. Only use a 3V CR2025 battery
2. Dispose off used battery according to local regulations
3. Remove battery when remote won't be used for prolonged period

REGULATORY COMPLIANCE

CE Declaration of Conformity

Attestation RSH05080201-1, RSH06080201-2

We declare under our responsibility that the product is in conformity with the following standards

- EN55022: 1998 (Radio Disturbance requirement of Information Technology Equipment)
- EN55024: 1998 (Immunity requirement of Information Technology Equipment)
- EN61000-3-2: 2000 (Limits for Harmonic Current Emission)

As assessed by the following applications standards:

89/336/EEC Electromagnetic Compatibility

This Product is produced by a manufacturing organization on ISO9000 level.

Federal Communications Commission (FCC) Notice (U.S. and Canada)

This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to Part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications.

However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

- Reorient or relocate the receiving antenna.
- Increase the separation between the equipment and receiver.
- Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
- Consult the dealer or an experienced radio/TV technician for help.

Changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment.

Connections to this device must be made with shielded cables with metallic RFI/EMI connector hoods to maintain compliance with FCC Rules and Regulations.

To prevent damage, which may result in fire or shock hazard, do not expose this appliance to rain or excessive moisture.

THIS CLASS B DIGITAL APPARATUS MEETS ALL REQUIREMENTS OF THE CANADIAN INTERFERENCE-CAUSING EQUIPMENT REGULATIONS.

This device complies with Part 15 of the FCC Rules. Operation is subject to the following two conditions:

(1) This device may not cause harmful interference, and (2) this device must accept any interference received, including interference that may cause undesired operation.

End-of-Life Disposal

Your new product contains materials that can be recycled and reused. Specialized companies can recycle your product in order to reuse components of the product and to minimize waste.

Please find out about the local regulations on how to dispose of your old unit from your local municipality.

(For Customers in Canada and U.S.A)

Dispose of in accordance to local state, provincial, municipal or federal regulations. For additional information on recycling in the U.S.A, contact www.eiae.org (Consumer Education Initiative)

Please find out about the local regulations on how to dispose of your old unit from your local municipality.

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