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PF1009M
USER MANUAL

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Thank you for purchasing this product

This detailed operation manual is provided for you to obtain information concerning product introduction, operating instructions, functional settings and safety precautions. Please read all of the documents provided prior to installation and operation of the player for the first time. You should keep this manual for future reference.

We were careful when compiling the manual and we consider the information provided herein to be reliable and correct. However, product changes may occur during the production life cycle, so some information may be slightly different for your unit. You are always welcome to give any comments or suggestions. Matsunichi, Inc. (hereafter referred as Matsunichi) shall not be liable for any errors contained herein or for any damages arising out of or related to this document or the information contained herein.

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Chapter 1 Overview

1-1 PF1009M Digital Frame

- Includes both cherry wood and black changeable frames
- Listen to MP3 music files
- View JPEG (Up to 8K x 8K resolution), BMP, GIF, TIFF and PNG images
- Supports AVI / Mpeg4 - part 2 Video format (up to 704 x 576 resolution)
- Supports Compact Flash (CF), Secure Digital (SD), xD, Multi Media Card (MMC) and Memory Stick & Memory Stick Pro (MS) memory cards
- Programmable Display Dimmer
- Multiple Image - slide show (4 images on display)
- Clock - Calendar with photo slide show of internal memory & Alarm Clock.
- Graphic menu operation, easy and convenient to use
- Wireless Remote Control
- Internal memory can store 500*+ pictures using transcoding technology
- Auto Rotation & Date Stamp of image displayed (EXIF)

* Number of images stored in internal memory may be different based on transcoding setting in setup and original image size.

1-2 Device & System Requirements

The PF1009M has internal memory to store your digital pictures but does not include an external memory card in the packaging. The external memory card (SD / MMC / MS / xD / CF / MS Pro) or USB mass storage device with music, video and photo files can be operated with this device.
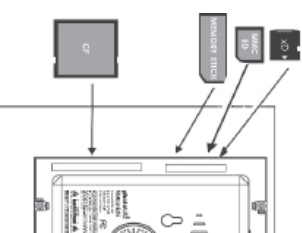
System Requirements:
Minimum configuration of the PC required for file upload/download:
Pentium MMX 2000 or above CPU;
An available USB port
Operating system: Microsoft Windows, Windows ME, Windows 2000 Professional, Windows XP or above.

1-3 Accessories Included

Your PF1009M comes with the following accessories. Please check that you have everything listed below. Please DO NOT discard any of packaging material at this time.

Remote control w/ Battery

AC Adaptor

User Manual

Stand
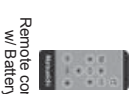
USB Mini to Type A USB adapter cable (optional if your PF1009M has only one Mini Type B USB OTG Port)

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Remote Control Preparation & Use

The wireless remote control already has a battery installed. To enable the remote, you will need to remove the battery protector as show below.

1. Turn over the remote to the back cover.
2. Pull the plastic tab to enable the battery in the remote.
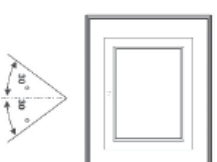
Your remote is now ready for use.

Plastic Tab

Remote Control

Pull

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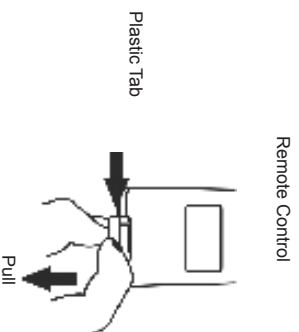
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To replace the battery, remove the battery holder from the remote control. To re-move the battery holder, use your thumb to squeeze the release clip in toward the center, while simultaneously pulling the handle out with your index finger.
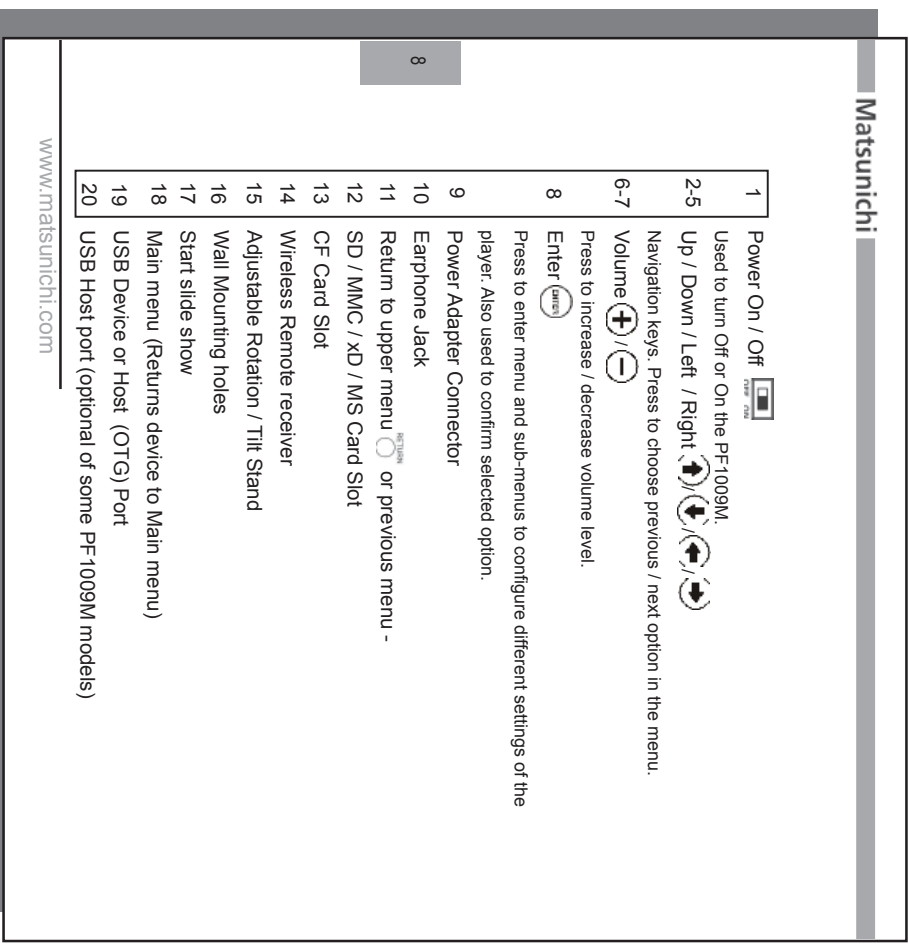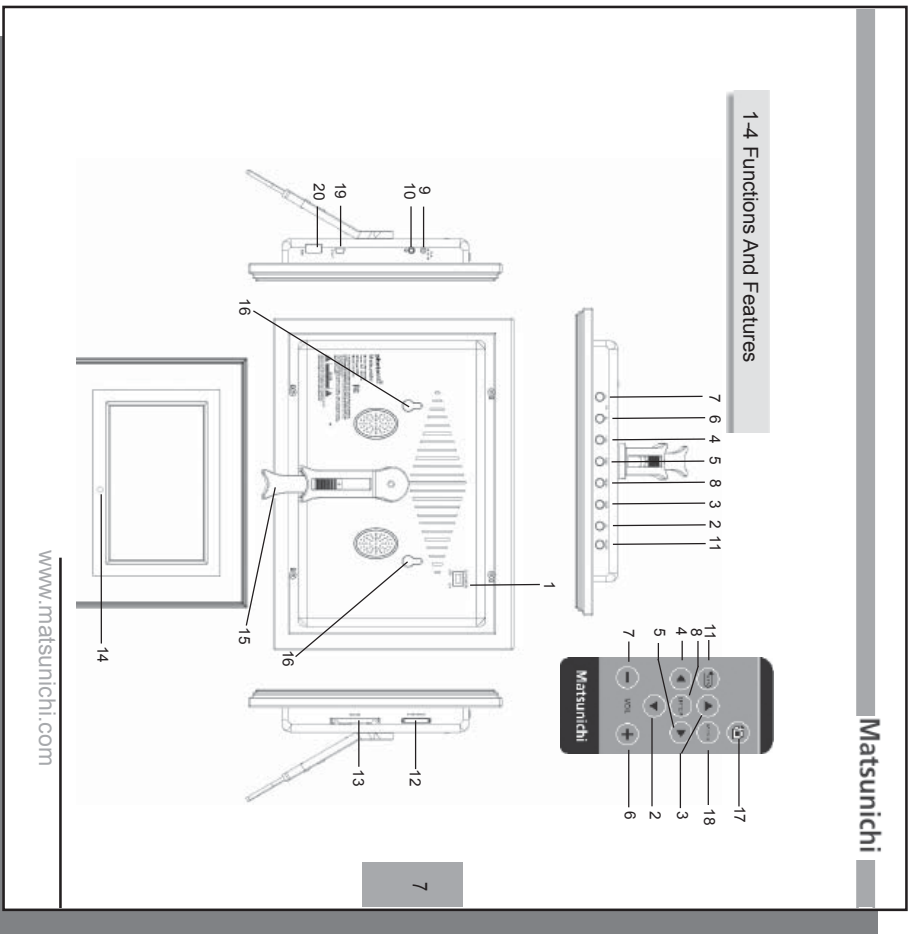
Place the battery into the holder as pictured below with the POSITIVE SIDE (marked on battery as "+") facing upwards and insert into the remote control to complete the battery installation.

Remote Control

Battery Holder

Battery Polarity

Release Clip   Handle
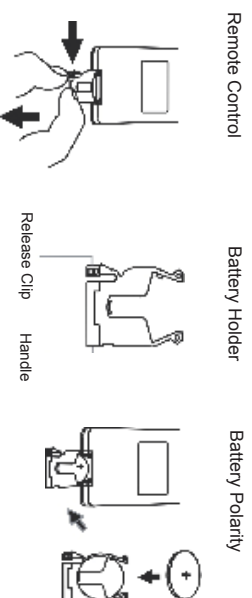
Using the Wireless Remote Control
The remote control works best when pointed directly at the unit. Stay within a 30 degree angle on either side of the unit.
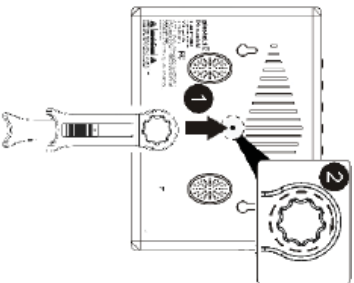
30° 30°

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1-4 Functions And Features

1	Power On / Off [icon] Used to turn Off or On the PF1009M.
2-5	Up / Down / Left / Right [icons] Navigation keys. Press to choose previous / next option in the menu.
6-7	Volume [+]/[−] Press to increase / decrease volume level.
8	Enter [icon] Press to enter menu and sub-menus to configure different settings of the player. Also used to confirm selected option.
9	Power Adapter Connector
10	Earphone Jack
11	Return to upper menu [icon] or previous menu -
12	SD / MMC / xD / MS Card Slot
13	CF Card Slot
14	Wireless Remote receiver
15	Adjustable Rotation / Tilt Stand
16	Wall Mounting holes
17	Start slide show
18	Main menu (Returns device to Main menu)
19	USB Device or Host (OTG) Port
20	USB Host port (optional of some PF1009M models)

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Chapter 2 Connecting

a. Connect the player with the stand as shown:

b. Connect the power adapter to the power outlet. Connect the DC-out port of the AC adapter to the DC-in port of the unit. As shown below:

DC IN
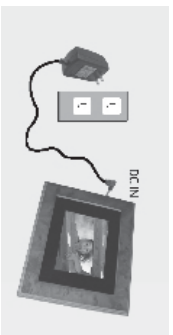
c. Insert a memory card into the appropriate socket (be careful to insert the card properly). Move the power switch to ON position. You are now ready to enjoy your photos, music and video files.

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d. Connect with a USB Mass Storage Device
You can also connect with a USB Mass Storage Device via the USB Port, as show below:

If your PF1009M has only one USB Mini OTG port, please use the USB Mini to Type A cable adapter (supplied with accessories with PF1009M w/one USB Mini OTG port).

e. Connecting to PC
(1) Position your PC properly so that you may access the USB port.
  (Note: Some USB ports) may be found on the front panel instead of the back.
  Contact your system vendor for detailed information if necessary).
(2) Plug the USB connector on the USB cable to your PC USB port.
(3) Turn on your PF1009M device, and then plug the smaller connector on USB cable to the PF1009M USB DEVICE port.

(5) The system should detect the new hardware and install the driver for it automatically.

(6) When the driver installation is finished, the device is ready to use. If you would like to confirm that the device has been properly installed on your computer, please double-click [My computer].

(7) Removable disks [H:] [I:] [J:] [K:][L:] appear on [My computer] (Removable disk [H:] [I:] [J:] [K:][L:] represents the memory card such as CF / SD / MMC / XD / MS and internal memory).

Chapter 3 Function Applications

First Time Powered ON Mode:
Message Prompt and User Preferences
The initial greeting looks like this:

When you power ON the PF1009M for the first time or after doing a factory setting reset, you will be asked to define the user settings (Auto Start Slideshow, Main Menu or Demo images). These settings will allow you to have the PF1009M automatically start a slideshow, go to the main menu or display the demo images when powered ON.
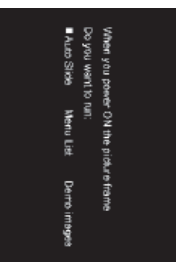
Setting Options:

Auto Slide - Device will automatically display a slide show when device is turned ON (memory card or internal memory must contain photo files).

Menu List - When the device is turned on, it will display the "Main Menu", as shown below:

Demo images - Device will display Demo images when device is turned on.
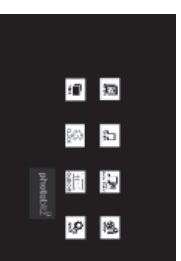
Use the (↑)/(↓) navigation buttons to move through the selections and press (enter) key to confirm. Press " (⌂) " key or Menu Button on remote to go back to Main Menu.

3-1 Photo

Choose "PHOTO" from the Main menu and then select memory device (internal or plugged in memory card) to enter the Photo Digest/Playback menu.

Then Use the (↑)/(↓) navigation buttons to move through the selections and press (enter) to confirm. The device will then enter the photo digest browser, as shown below:

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Use ⏵/⏴/⏶/⏷ to navigate this page, press (ENTER) to confirm your selection.

1. If you select a folder in the photo digest browser, the browser will open the selected folder and display all of the files inside. Use (RETURN) to go to the previous level.

2. If you select any image file displayed in the File Menu, the picture frame will display this photo and the Function Bar will pop up while you press (ENTER). Use ⏶/⏷ to navigate the Function Bar functions. Use (ENTER) to confirm selection. Use ⊞ on the remote control to start a slide show from the selected photo.

⚠ **NOTE: If the Auto Start feature in the SLIDESHOW SETUP menu is set to ON, the playback of all photo files at power up will begin.**

Function Bar

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A. Slide show: Starts/Resumes Slideshow based on Slideshow Settings in Setup.
B. ■ Stop: Stop and return to previous menu.
C. ⎚ Rotate: Rotate current photo clockwise.
D. 🔍 Zoom: Zoom in 2X, 3X, 4X and 5X Zoom Modes. Use (ENTER) buttons to scroll after zooming into the photo. At this time you can press Up, Down, Left, Right keys for pan function.
E. ⏮ Previous: Displays previous photo.
F. ⏭ Next: Displays next photo.
G. ⬦ Photo ID: Shows photo properties.
H. ⊞ Thumbnail: Go to thumbnail digest. (There are 20 small pictures in one screen).
I. ⊟ Image copy: copy and store photo displayed file to internal memory (If transcoding in setup is Off, photo will be copied to internal memory without any compression. If you have set the transcoding On to either L-M-H, the copied photo will be compressed/resized and stored into internal memory)

3-2 Music

Choose "Music" in the menu to enter the device selection interface to choose an available memory device from the device list and then enter the file browser.

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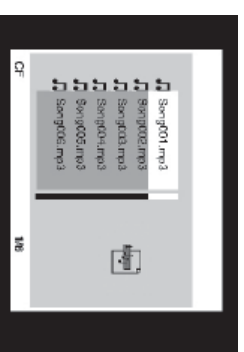
Use the ⊕/⊕ navigation buttons to move through the selections and press to play. Press ⊕/⊖ to adjust the music volume. As shown below:

Action buttons menu - Music Menu:
Use the (↑)/(↓) button to access the action buttons, including:

a. Play / Pause
b. Stop: Stop and return to previous menu
c. Previous: Skip to previous track during playback of music
d. Fast reverse: Fast reverse 2X / 3X / 4X / 5X speed modes within the current track during playback of music
e. Fast forward: Fast forward 2X / 3X / 4X / 5X speed modes within the current track during playback of music
f. Next: Skip to next track during playback of music
g. Music file ID: Show music file properties.
h. ID3 Tag: Display on screen ID3 tag information

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3-3 PHOTO & MUSIC

Choose "PHOTO & MUSIC" in the Main menu to enter the device selection interface to choose an available memory device from the device list and then enter file browser.
Use the ⊕/⊕ navigation buttons to move through the photo or music files and press to play. Press ⊕/⊖ to adjust the music volume.


Action buttons menu - File Menu
While playing a file. Press button to access the action buttons, including:

a. Play/Pause
b. Stop: Stop and return to previous menu
c. Previous: Skip to previous track during playback of music
d. Fast reverse: Fast reverse 2X / 3X / 4X / 5X speed modes within the current track during playback of music

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e. Fast forward: Fast forward 2X/3X/4X/5X speed modes within the current track during playback of music

f. Forward: Skip to next track during playback of music

g. Music file ID: Show music file properties

h. ID3 Tag: Show ID3 tag information

I. Repeat Mode: Press (menu) to select music playback repeat mode

Use the (↑)/(↓) button to access the action buttons, select "Standard" then press (→) to pop up another function bar, as shown in the diagram:

Please refer to 3-1 PHOTO for more details.

3-4 MOVIE

Choose "MOVIE" in the menu to enter the device selection interface to choose an available memory device from the device list and then enter file browser. Use the (↑)/(↓) navigation buttons to move through the selections and press (menu) to play as below:
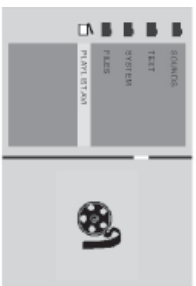
While playing a movie, press (+)/(−) to adjust the movie volume.

Action buttons menu - Movie Menu:

Use the (↑)/(↓) button to access the action buttons, including:

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a. Play / Pause

b. Stop: Stop and return to previous menu

c. Previous: Skip to previous track during playback of Movie

d. Fast reverse: Fast reverse 2X / 3X / 4X / 5X speed modes within the current track during playback of Movie

e. Fast forward: Fast forward 2X / 3X / 4X / 5X speed modes within the current track during playback of Movie

f. Forward: Skip to next track during playback of Movie

g. Movie file ID: Show movie file properties

h. Zoom: Zoom in 2X, 3X, 4X and 5X Zoom Modes. Use (menu) buttons to scroll after zooming into the movie

i. Subtitle: Set subtitle display ON / OFF. If the movie file does not contain subtitles, then screen will display "NO Subtitles"

3-5 FILES

Choose "FILES" in the menu to enter the device selection interface to choose an available memory device from the device list and then enter the File List browser.

In addition to the viewing file list, the FILES menu has the additional features of copying (one memory device to another), deleting or transcoding (resize / compress your image file to be store in the internal memory).

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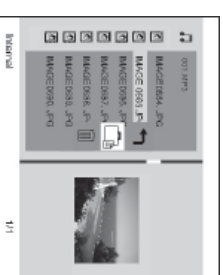
COPY - DELETE - TRANSCODING FUNCTION

A: Copy single file (no transcoding)

Set transcoding to off in setup page. There are two different ways to copy a single file:

1. When you are viewing a photo, press ![ENTER] the function bar will pop up, press ![arrow] to go to ![ENTER] then press Enter, the photo will be copied to Internal Memory.
(See page 14)

2. From the FILES menu of selected memory device you will see the file list as shown in the Diagram A1:

Use the ![→]/![←] navigation buttons to move through the source files and press ![↓] to mark files for copying (you will see the file highlighted in orange).

After selecting the files to be copied;
To copy to another memory device:

Press ![↑] to return to Memory Device selection, select and enter the destination memory device and file folder, then press ![TR] the Function Bar will pop up, as shown in the Diagram A2:

Use ![→]/![←] to Select, press ![ENTER] to confirm. Press ![↩] to cancel the operation and exit. Press ![copy] to paste to current location.

Diagram A1

Diagram A2
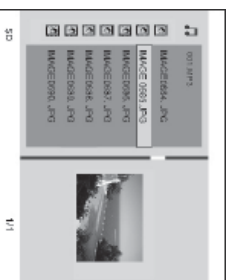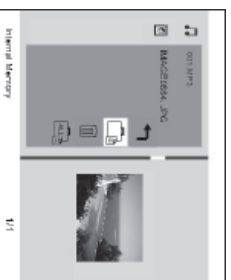
B: To transcode the selected files to internal memory

After the files you have selected have been highlighted in orange, press ![TR] and select ![icon]. The size of the file stored in internal memory will be reduced based on the trancode setting in setup (See page 23).

C: COPY ALL- Transcode

Repeat same procedure as Copy sigle file (see page 19). The only difference is select copy all icon.

All images of the directory of the memory device selected in FILES menu will be transcoded (resized / compressed) and copied to the internal memory. Transcoding must be set to L-M-H to operate this feature.

After copying is finished, you will see that the source files (as shown in the diagram B1) have been copied to the destination (as shown in the diagram B3).
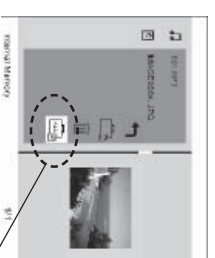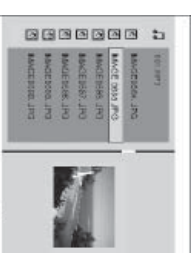
Diagram B1

Diagram B3

Diagram B2

Copy All Icon

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D: Delete

Use the (▶)/(◀) navigation buttons to move through the source files and press (▼) to mark files for deleting as show in the diagram C1 (the files will be highlighted in orange), then press (⏚) return to go to the Copy/Delete menu, select the Trashcan icon and then press Enter to delete the tagged files.
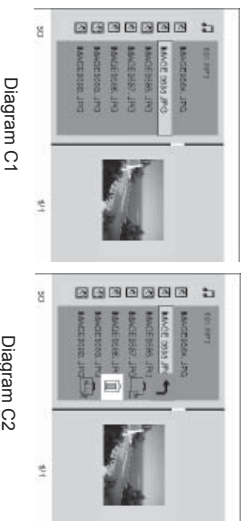
Diagram C1

Diagram C2

(To set time and date, please go to setup page)

Choose "CLOCK" in the menu to enter the system clock interface, as shown in the diagram.

(▲)/(▼) skip to previous or next picture.

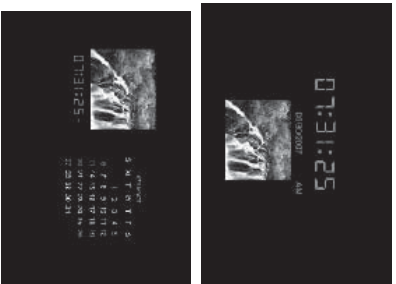Choose "CALENDAR" in the menu to enter the system calendar mode. (▲)/(▼) to toggle to the previous / next photo. Use (▶)/(◀) to change displayed previous / next month, as shown in the diagram:

Note: Slide show images shown on Clock/Calandar are only from the internal memory of picture frame. Instructions regarding how images are stored in the internal memory can be found on page 18 (3-5 Files).
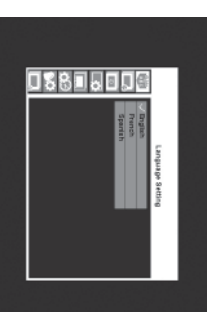
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Choose "SETUP" in the menu to enter the system setting interface, as shown in the diagram:

Use the (▶)/(◀) navigation buttons to move through the selections and press (ENTER) to confirm. Press(▲)/(▼) buttons to enter/exit options settings, press (ENTER) to confirm.

a. Language Setting
Choose English / French / Spanish

b. Photo Slide Show Setting
Slide transition time: This setting allows you to select the display time (3, 5,10 or 30 seconds) for each picture shown during a slideshow (factory default 10 seconds)

Slide transition Mode:
This setting allows you to select the type of transition used when switching from one image to the next during a slideshow. The photo transition choices are: Normal, Random, Bottom_Top, Top_Bottom, Left_Right, Right_Left, TopL_BottomR, TopR_BottomL, BottomL_TopR, BottomR_TopL, Horizontal_Close, Horizontal _Open, H_inter Cross, V_inter Cross. Factory default on Random.

Multiple Images Mode
If set to "ON" the unit will display 4 photos on one screen after pressing the Slide Show button on the device. The display will show a larger photo on the left side and 3 smaller photos on the right side.

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Photo Transcoding
This setting allows you to change Transcode (Resize) ratio (High, Middle, Low and OFF) or disable transcode function (factory default LOW). This feature is used to maximize number of images stored in the internal memory. Transcoded image files are not recomended to be used to print color photos. Always keep the original sized images stored in a safe location.

Example: Orginal file is size is 3Meg Bytes transcoded files size could resized to 85K / 135K / 215K (L–M–H) and fit about 1500 / 950 / 595 internal images

Note: In order to perform the transcoding function, the size of the source photo file has to be larger than 150K. If the source file is smaller than 150K, the unit will only perform the copy function. The unit can only transcode photo files and and can only store those files to Internal Memory.

c. Auto Start Mode
When powering ON the PF1009M, you can select the option to either automatically run: Main menu, photo, music, movie, photo & music, clock, calendar.

d. Display settings
Brightness: Use ⬆/⬇ to choose the most suitable screen brightness.
Contrast Use ⬆/⬇ to choose the most suitable screen contrast.
Color Use ⬆/⬇ to choose the most suitable screen color.

e. Display Date Stamp
If set to "ON", the unit displays the date when the image was taken. The date will appear at the bottom right corner of the photo (when multiple image slide show is enabled the date stamp will not be visible). (Default = Off)

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f. Clock Setting
Use ⬆/⬇ to select month/day/year and time options, press ➡/⬅ to set.
Press ⟳ to return.

g. Alarm Setting
Use ⬆/⬇ to select time and alarm options, press ➡/⬅ to set. Press ⟳ to return.

h. Dimmer Setting
Use ⬆/⬇ to set. Press ⟳ to return. If you set auto dimmer ON, the screen backlight will be shut down automatically at the start time and resume at the end time. Press any key to resume before the end time.

i. Default
Use ➡/⬅ to select month / day / year and auto dimmer ON / OFF options, press
This will reset all settings to factory default mode. After doing a factory reset, the
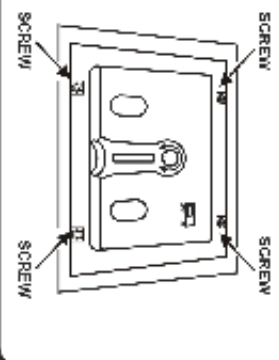
3-6 Changing the Picture Frame

Follow these instructions to change the picture frame on your Digital Photo Viewer.
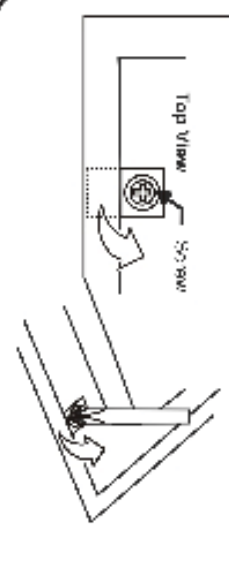
1 To complete this procedure you will need a Phillips (+) screwdriver, about .15" wide with a head.
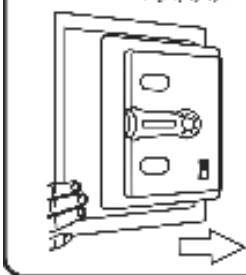
2 Lay the unit down on a soft surface to these to avoid scratching. Turn the ON/OFF switch on the back of the unit.

SCREW SCREW

SCREW SCREW

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3 The unit has four (4) Retention Tabs - one in each corner Note that the circular part of each Retention Tab has a small screw on the tab. Insert your Phillips screwdriver into the screw on top to turn and release the screw and retention on tabs as shown.

Top View   Screw

4 To remove the Photo Viewer from the frame, grasp the viewer with your right hand, then pull up while holding down the frame with your right hand. Follow these instructions in reverse to install the new frame. First insert the Photo Viewer into the frame. Then, turn all four Retention Tabs and screws to lock it all in place.

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Chapter 4 Appendix

4-1 Technical Specifications

Dimensions
305.5 X 217.5 mm

Major types of memory cards supported
COMPACT FLASH Card Type I/II (CF)
MEMORY STICK (MS)
MEMORY STICK PRO (MS PRO)
SECURE DIGITAL (SD)
MULTIMEDIA CARD (MMC)
xD CARD (xD)
MEMORY DEVICE- Via USB HOST connector (Some memory device may be incompatible with this photo frame)

Display
10.2" Digital TFT LCD

OSD Language
English, French and Spanish

Frequency Response
20 Hz ~ 20 kHz

Built in Memory
128M NAND (up to 500 pictures using transcoding technology)

Connectors
DC-in
Earphone
USB 2.0 Device / Host OTG

Power Supply
12V DC Adapter
(Input: AC 100~240 V)

Digital Music / Video / Photo Format
MP3
MPEG-4 ASP
(up to 704 x 576 resolution)
JPEG (Up to 8K X 8K resolution),
BMP, GIF, TIFF and PNG

4-2 Care and Maintenance

Unplug apparatus during lightning storms or when unused for long periods of time.

Refer all servicing to qualified service personnel.

Servicing is required when the unit has been damaged in any way, such as when the power-supply cord or plug is damaged, liquid has been spilled on the unit, the unit has been exposed to rain or moisture, or when the unit does not operate normally, or has been dropped.

Power cord protection - To avoid any malfunction of the unit and to protect against electric shock, fire or personal injury, please observe the following:

a) Hold the plug firmly when connecting or disconnecting the AC power cord to this unit.
b) Do not connect or disconnect the AC power cord with wet hands.
c) Keep the AC power cord away from heating appliances.
d) Never put any heavy objects on the AC power cord.
e) Do not attempt to repair or reconstruct the AC power cord in any way.
If smoke, odor or noise comes from the unit, turn off the power and disconnect the AC power cord.

Placement - Avoid placing the unit in areas of direct sunlight, heating radiators, closed automobiles, high temperatures (over 35° C (95° F)), high humidity (over 90%), excessive dust, vibration, or where the surface is tilted, as the internal parts may be seriously damaged.

Do not place the unit on amplifiers or other equipment which may become hot. This unit may interfere with the signal of broadcast televisions. This is not a malfunction of the unit or the TV. To watch a TV broadcast, turn off this unit.

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Limited Warranty

This product is warranted to be free of manufacturing and workmanship defects for a period of 6 months from the date of purchase. In the event of a defect in material or workmanship during the warranty period, we will refurbish, repair or replace the defective product, at our discretion, once the defective product is returned by the purchaser. Matsunichi does not offer refunds.

This warranty is limited to servicing or replacement of the product only and shall not cover any other damages. This warranty does not cover any damage or problem that results from misuse, abuse, or an act of God (such as flood). In no event shall Matsunichi be liable for any loss of profit or any other commercial damage, including but not limited to special, incidental, consequential and other damages. There are no warranties which extend beyond the description on the face hereof.

This warranty gives you specific legal rights, and you may also have other rights which vary from state to state. Some states do not allow the exclusion or limitation of incidental or consequential damages, so the above limitation may not apply to you.

In order to obtain warranty service, the original purchase receipt from an authorized dealer must be retained as proof of purchase and a legible copy must be sent along with the product to the Return Merchandise Center. You must be issued a Return Merchandise Authorization (RMA) number by Matsunichi's Customer Service Center before obtaining service. To receive an RMA, contact customer service at 1-510-661 0381 or fill out a return request online at www.matsunichi.com/service.

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Upon receipt of an RMA number, you must send the product back, postage prepaid to:

Matsunichi Service Center
4032 Clipper Court
Fremont, CA 94538
RMA # (assigned #)

The product must be returned to Matsunichi with an RMA number clearly visible on the outside of the package.

The product must be properly packaged and insured against shipping damage. Any packages received without an RMA number will be refused. Any shipping damage resulting from improper packaging shall be the responsibility of the purchaser.

The refurbished, repaired or replaced product will be returned to the purchaser, freight prepaid via UPS Ground only, within 30 days from the date the returned product is received by the Return Merchandise Center.

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4032 Clipper Court
Fremont, CA 94538

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