



M703 Digital Photo Frame Owner's Manual

Got a Question or Need Help?

Email our technical support team at: support@miccatron.com for personalized assistance with the setup and use of this product. Please visit our product information website www.miccatron.com for the following:

- Firmware Updates
- User's Manuals
- Troubleshooting Wizard
- Technical Support Request

When contacting technical support, be sure to include your order information, product model, and serial number from the bottom of the player.

Copyright © 2009-2015 Micca. All rights reserved.
This manual may not be reproduced in whole or in part without
permission for any purpose other than personal use.

1 Introduction

1.1 Preface

Thank you very much for purchasing this digital photo frame. We hope you will enjoy using it to view your treasured photos. This photo frame has the following features:

1.1.1 Highlights

- M703: 7-Inch 800x600 high resolution LCD screen
- Natural-view 4:3 screen ratio displays photos with minimal cropping
- Slim profile with curved back case design for modern appearance
- Integrated swivel stand that tucks away for easy carrying

1.1.2 Features

- Supports JPG image/photo files
- USB 2.0 host connector supports USB flash drives
- Flash media card reader supports SD/SDHC cards
- Automatic slideshow at power on and when inserting memory card or USB drive
- Adjustable slideshow sequence, speed, and transition effects
- Clock and calendar with slideshow
- Adjustable screen brightness, contrast, and saturation
- Multiple language support: English, French, Italian, German, Spanish

Note: All the information contained in this manual was correct at the time of publication. However, as our engineers are always updating and improving the product, your device's software may have a slightly different appearance or modified functionality than presented in this manual.

2 Precautions

2.1 Precautions and Maintenance

- This product is intended for residential indoor use only. It is not intended for outdoors use, or use in harsh environments, or demanding commercial use.
- To avoid risk of fire or electric shock, do not expose the unit to moisture or condensation.
- To avoid overheating, do not block the ventilation holes on the digital photo frame.
- Keep the digital photo frame away from direct sunlight.
- Turn off the player and disconnect from AC power if not used for a while.
- Do not disassemble the digital photo frame. There is a risk of electric shock and there are no user-serviceable parts inside. Disassembling the digital photo frame will void its warranty.

2.2 Cleaning the LCD Screen

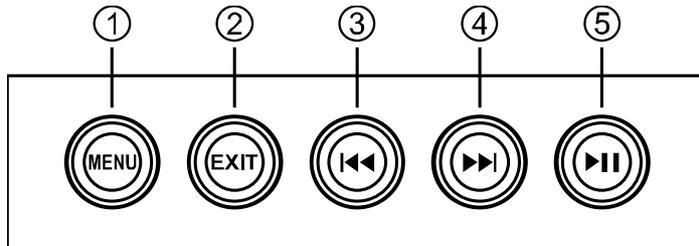
- Treat the screen gently and carefully. The screen of the digital photo frame has a glass component that can be damaged or broken when impacted.
- Use a soft, non-abrasive lint-free cloth such as microfiber camera lens cloth to gently wipe the LCD screen if fingerprints or dust accumulate on the LCD screen. If necessary, use a cleaning solution that's safe for coated camera photo lens cleaning. Spray the cleaning solution onto the cleaning cloth. NEVER SPRAY CLEANING SOLUTION DIRECTLY ONTO THE LCD SCREEN.

WARNING:

Please power off the unit before inserting or removing a memory card or USB drive. Do not put the unit near water or a high-moisture environment to prevent the risk of electric shock.

3 Connections and Buttons

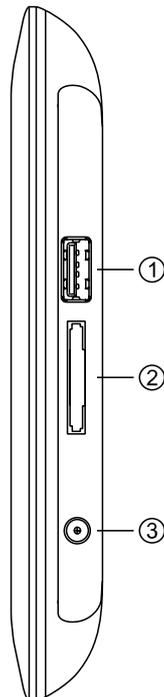
3.1 Buttons



1. Menu, long press for On/Off
2. Exit
3. Left
4. Right
5. Play/Pause

Note: The left and right buttons are named in accordance of their function when the user is looking at the front of the photo frame. Thus, pressing the “Left” button will move the cursor to the left and the “Right” button will move the cursor to the right.

3.2 Connections



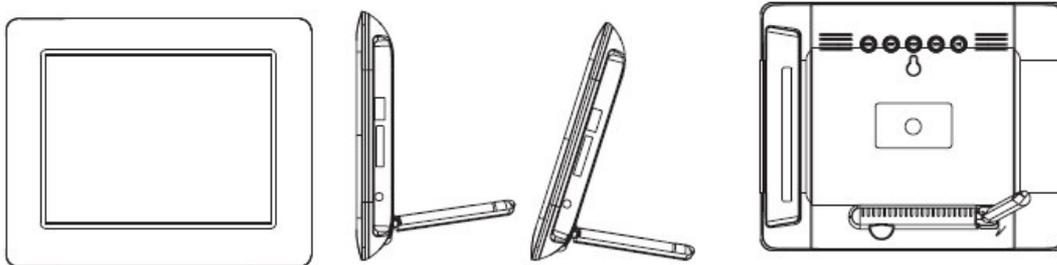
1. USB 2.0 Port
2. SD/SDHC Card Reader
3. DC Power Input

Note: Only use the AC adapter that is provided with the digital photo frame. Using a different AC adapter may damage the unit. The Mini USB port is optional and may not be present.

4 Getting Started

4.1 Initial Setup

Find a flat and stable surface to place the photo frame. Swing out the built in stand fully to prop up the photo frame – make sure the stand is fully extended or else it will collapse during use.



Plug the AC adapter into a standard 110V AC or 240V AC electrical outlet and connect it to the DC Power Input on the photo frame. The photo frame should automatically turn on and display the main menu. Carefully remove the protective film covering the LCD. Your digital photo frame is now ready for use.

4.2 Basic Usage

The photo frame is very easy to use. It is pre-configured from the factory with default settings that are already optimized for most users. Simply copy your favorite photos onto a USB storage drive using a computer. Insert the USB storage drive into the USB jack on the photo frame, turn the photo frame on, and the photos will automatically begin displaying. To turn the photo frame On or Off, press and hold the “MENU” button.

Mac OS users, please see additional instructions in the troubleshooting section at the end of this manual.

5 Operating Instructions

To turn the photo frame on or off, press and hold the “MENU” button on the back of the photo frame. After turning on the photo frame, the main menu will display after a few seconds. If there is a flash memory card or USB flash drive inserted into the photo frame, a slideshow will automatically begin plain. To get back to the main menu, press the “EXIT” button on the back of the photo frame twice.

The main menu contains icons for Photos, File Browser, Calendar, and Setup.



5.1 Flash Memory Cards and USB Flash Drives

The photo frame supports SD/SDHC flash memory cards and USB flash drives, both up to 32GB in size. While the photo frame can handle high resolution photos directly from a digital camera, it is strongly recommended to resize photos down to a lower resolution of about one megapixel in size. This allows more photos to be stored on the storage device and smaller files results in more responsive operation by the photo frame.

5.2 Choosing Storage Device

When more than one storage device is detected by the digital photo frame, it is necessary to select which storage device to use. Once selected, all operations are on the selected storage device. To perform operations on another storage device, it is necessary to select it first.

To select a storage device, press the “Menu/Return” button repeatedly until the storage selection screen is shown. Highlight the desired storage device, press “Play/Pause” to select it.



5.3 Viewing Photos

When a storage device loaded with photos is inserted, the digital photo frame will automatically start displaying a photo slideshow when it is turned on. The user can also manually start a slideshow through the “Photo” icon from the main menu.

When viewing photos. The following operations are available using the buttons on the back of the photo frame:

Button	Description
Play/Pause	Play or pause the photo slide show.
Left	Go to the previous photo.
Right	Go to the next photo.
Exit	Stop the slideshow and return to the photo thumbnail menu.
Menu	Stop the slideshow and return to the main menu.

5.4 File Browsing

The “File” icon from the main menu lets users browse the contents of the selected storage device by navigating its folder directory structure. All compatible photo file types will be displayed while incompatible file types are not displayed.

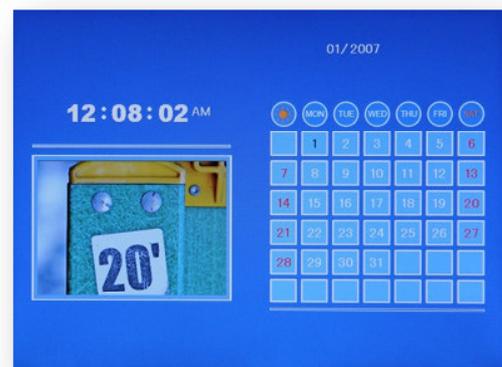
When browsing files. The following operations are available using the buttons on the back of the photo frame:



Button	Description
Play/Pause	Enter the highlighted folder, or display the highlighted photo.
Left	Highlight the previous folder/file.
Right	Highlight the next folder/file.
Exit	Exit the current folder.
Menu	Return to the main menu.

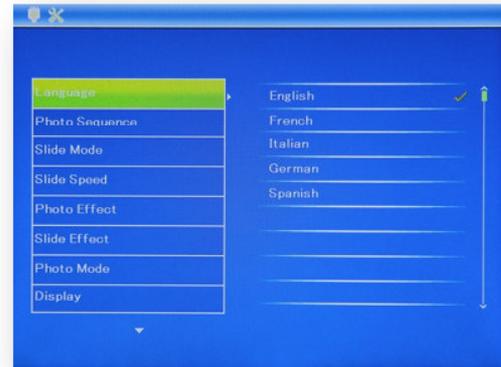
5.5 Calendar

To view the calendar, select the “Calendar” icon from the main menu. Be sure to properly set the date and time in the settings menu so that the information displayed is correct. The photo frame will automatically begin playing a slideshow using photos found on the selected storage device.



6 Detailed Settings

To access the setup menu of the photo frame, turn it on and wait for the main menu to display. Highlight the Setup icon and press “Play/Pause”. Use the “Left” and “Right” buttons to highlight a settings item, press “Play/Pause” to select it for modification, use the “Left” and “Right” buttons to highlight a new setting value, press the “Play/Pause” button to select the new setting value. When finished press the “EXIT” button to exit the settings menu and save changes.



Language

Changes the operating language of the photo frame.

Available Values: *English, French, Italian, German, Spanish, Portuguese, Swedish*

Photo Sequence

Changes the photo playback sequence when displaying slideshows.

Setting	Description
Sequence	Photos will be displayed in their normal sequence alpha-numerically based on file name.
Random	Photos will be displayed in random sequence.

Slide Mode

Changes the number of photos displayed at the same time during a slideshow. The higher the setting, the more photos will be shown at the same time.

Available Values: *Single Window, Two Windows, Four Windows, Triple Windows*

Slide Speed

Sets the time interval between each photo in a slideshow.

Available Values: *3/5/15/30 Seconds, 1/5/15/30 Minutes, 1 Hour*

Photo Effect

Applies a special effect to photos when they are displayed.

Setting	Description
Color	Photos will be displayed as they are without any special effects.
Mono	Photos will be displayed as black and white.
Sepia	Photos will be displayed in sepia tone.

Slide Effect

Sets the transition effect as one photo switches to the next in a slideshow.

Available Values: *Random (all effects), Split Horizontal In, Split Horizontal Out, Jalousie, Split Vertical In, Split Vertical Out, Radiation, Surround, Fade, Right Refresh, Next Refresh, On Pan, Roll From Down To Up, Roll From Up to Down, Brick*

Photo Mode

Changes the way photos are displayed when they do not perfectly fit the screen of the photo frame.

Setting	Description
Auto Fit	Black bars will be added to the top or bottom of photos that are too narrow or too wide relative to the screen.
Optimal	Photos that are too narrow will have the top and bottom cut to fit the screen. Photos that are too wide will have the sides cut to fit the screen.
Full	The photo will be stretched or squeezed to fit the full screen.

Display

Changes the display parameters of the LCD screen. The default values are optimal for most conditions.

Setting	Description
Contrast	Changes the contrast of the LCD screen.
Brightness	Increase or decrease the brightness of the LCD screen.
Saturation	Increase to make colors more vibrant, decrease to make colors more muted.
Tint	Change the color cast of the LCD screen. Adjust so that skin tones in photos look natural.

Set Time/Date

Set the current date and time. The date and time is remembered by the photo frame even when there is no power. Select "Save Time" when finished to save the setting.

Available Settings: *Year, Month, Date, Hour, Minute, Second*

Set Time Format

Change to display the time in either 12-hour or 24-hour time format.

Available Values: *12, 24*

Auto Power On

Set the time at which the photo frame automatically turn on each day. Note: the auto power on function only works if the photo frame turned off through the auto power off feature. It will not work if the photo frame was turned off manually.

Available Settings: *Hour, Minute, Status*

Auto Power Off

Set the time at which the photo frame automatically turn off each day.

Available Settings: *Hour, Minute, Status*

Reset Settings

Reset all settings back to factory defaults.

7 Troubleshooting Guide

Cannot Read A SD/SDHC Card or USB Drive

The photo frame supports SD/SDHC and USB flash drives up to 32GB in size, using FAT32 file system. Check to be sure that the SD card or USB drive meets these requirements. It may be necessary to reformat the SD card or USB drive. Be sure to copy photos off the drive before doing so as formatting the drive permanently erases the contents. Select FAT32 as the file system when reformatting the drive.

Apple Mac Computer Users

The Mac OS operating system creates numerous hidden folders and thumbnail files that are proprietary to the Mac OS and are not well supported by non-Apple products. Using Mac OS to copy files onto a SD card or USB drive for use with the photo frame will sometimes lead to strange behavior. There are free utilities available for the Mac OS to prevent these hidden folders and thumbnail files. Mac users are strongly recommended to use such a utility.

Not Showing All Photos or Showing Same Photos Repeatedly

First, try reformatting the SD card or USB drive that is used to hold the photos. Be sure to copy photos off the drive before doing so as formatting the drive permanently erases the contents. Select FAT32 as the file system when reformatting the drive. Copy photos back onto the SD card or USB drive after formatting.

If problem persists after reformatting the drive, there are possibly one or more corrupted or unsupported progressive-format files in the collection of photos. Because it would be time consuming and difficult to isolate the problematic image(s), it is recommended to reprocess all images in batch mode using a free utility such as Irfanview. Doing so typically fixes issues caused by corrupted image files. Irfanview comes with detailed instructions on how to reprocess JPG files in batch mode.

8 Specifications

Adapter: Input 100-240V 50/60Hz AC, Output 5V/1A DC

Card Reader: SD/SDHC Up to 32GB

USB: USB 2.0 flash drives up to 32GB

Photo Format: JPG

LCD Screen:

	M703
Size	7-Inch TFT
Resolution	800x600
Aspect Ratio	4:3
Brightness	250-300cd/m2
Contrast	300:1
Response Time	20ms

Information in this manual is believed to be accurate and reliable but Micca assumes no responsibility for its use nor for any infringement of patents or other rights of third parties which may result from the use of this manual or the product. Micca reserves the right to change product specifications at any time without notice.

Micca, M703, and the Micca logo are trademarks of Micca. Other trademarks referenced in this manual are the properties of their respective owners.

© 2015 Micca. All rights reserved.

Copyright © 2009-2015 Micca All rights reserved.