MAGPIX B1380
Digital Camera Binocular

User's Manual

Introduction

The MAGPiX B1380 is a digital camera with a specially designed 8X optical telescopic lens. Combined with its 2X digital zoom and very high-speed shutter, the MAGPiX B1380 produces amazing freeze-frame action pictures of up to 16X magnification.

These images can be downloaded and viewed on your personal computer through the USB port after installing the software included in this package. To get the most out of your camera, please read this manual carefully.

This manual is divided into seven parts:

A. Getting To Know Your Camera

B. Using Your Camera

C. Camera Modes and Settings

D. Viewfinding and Taking Better Picture Tips

E. Downloading Your Pictures To Your PC

F. Technical Specifications

G. Troubleshooting and Frequently Asked Questions

A. Getting To Know Your Camera

Below are three views of the MAGPiX B1380 to help familiarize you with your new camera. The parts and corresponding numbers will be referred to throughout this manual.
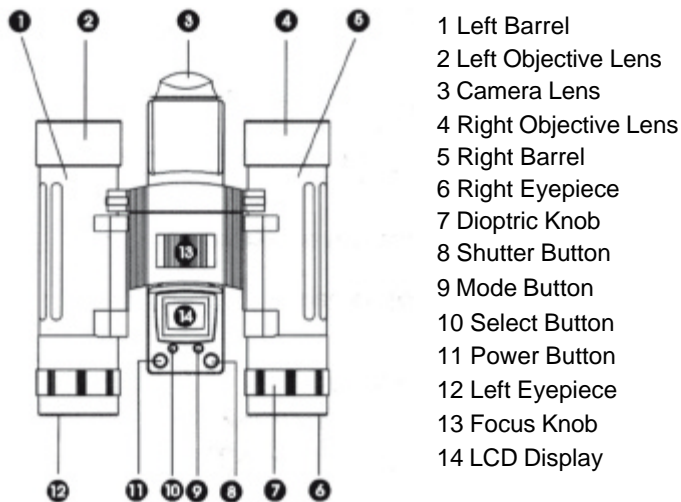

1 Left Barrel
2 Left Objective Lens
3 Camera Lens
4 Right Objective Lens
5 Right Barrel
6 Right Eyepiece
7 Dioptric Knob
8 Shutter Button
9 Mode Button
10 Select Button
11 Power Button
12 Left Eyepiece
13 Focus Knob
14 LCD Display

Figure 1. Top View

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8 Shutter Button
9 Mode Button
10 Select Button
11 Power Button
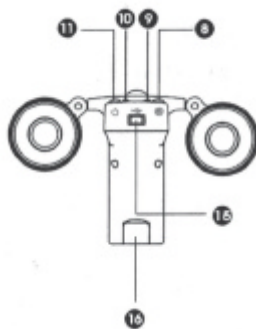15 USBPort
16 Battery Compartment

Figure 2. Back View

17 Camera Lens
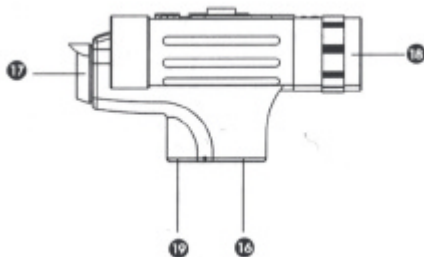18 Eyepieces
19 Tripod Mount

Figure 3. Side View

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B. Using Your Camera

1. Load The Batteries. Open the Battery Compartment (16) and insert four AAA batteries (included), paying attention to insert them in the correct direction. See Figure 4. Close the compartment.

A battery life icon is located on the lower left corner of the status LCD.

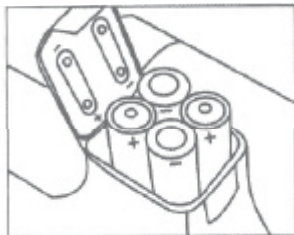Your pictures will remain in the camera, until you delete them, even if the batteries loose their charge.

Figure 4. Loading The Batteries

2. Turn On Your Digital Camera. Press the Power Button (11) to turn on the camera. The camera will beep twice to indicate it is ready.

The preset mode of 1.3 megapixel resolution is indicated by a 3-star symbol on the LCD Display (14). The camera can hold up to 40, high resolution images before you will need to download them, or up to 160 images in Economy (1 star) resolution.
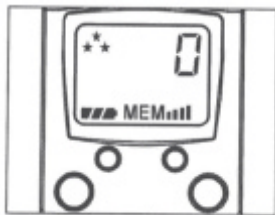
Figure 5. High Resolution

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3. Use The Eyepieces (6 & 12) To Aim Your Camera. The camera works best at taking pictures of objects outdoors at 45ft away from you or more. Also, since the camera is point and shoot and independent from the binoculars, you do not need to focus the binoculars to get great in-focus pictures.

4. Take Your Picture. Hold your MAGPiX B1380 steady and aim at a scene or object 45ft. or greater away from you. **Press and release the Shutter Button (8) to take the picture. Make sure you do not move the camera until you hear a beep.** The LCD Display (14) will blink for 4 seconds while it is processing and saving images. When the number of available exposures has increased by one on the LCD Display (14), the camera is ready to take another picture.
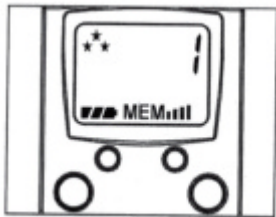

Figure 6. LCD Display After First Exposure

5. Turn off Your Camera. Press the Power Button (11) again to turn off.

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C. Camera Modes and Settings

This camera offers the following functions that can be selected by pressing the Mode Button (9) after it is turned on:

> **1. Resolution Selection/ 16X Magnification Mode**
> **2. Self-timer**
> **3. Erase Last One Pictures**
> **4. Erase All Picture**

1. Resolution Selection/ 16X Magnification Mode

With the camera is turned on, press the Mode Button (9) once and "FEA" will appear on the LCD Display (14). Then press the Select Button (10) to cycle through to your desired image resolution - High (3 Stars), (Medium) 2 Stars, (Economy) 1 Star, or 2X to engage in the camera in the 16x magnification mode. When the desired number of stars is showing, press the Shutter Button (8) and the camera will set itself to that resolution.

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Figure 7. Default High Resolution (3 Stars)

Figure 8. Select Medium Resolution (2 Stars)

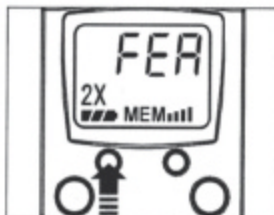**Figure 9.** Select 1 Star Resolution (1 Star)

Figure 10. Engage 2X Digital Zoom For 16X Magnification

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2. Self-Timer Mode

With the camera is turned on, press the Mode Button (9) two times (until you see the timer icon), then press the Select Button (10). Once in this mode, press the Shutter Button (8) to activate the self-timer. The camera will beep for 10 seconds before taking the picture automatically. When the number of available exposures has increased by one on the LCD Display (14), the camera is ready to take another picture.
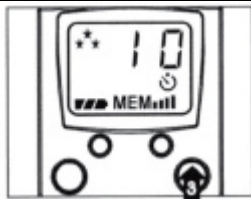

Figure 11. Self-timer Setting

Figure 12. Activate Self-timer

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3. Erase Last One Picture

With the camera is turned on, press the Mode Button (8) three
times and you will see 'ONE' with a trash can icon. Then, to
erase the last picture, press and hold the Select Button (10)
for 2 seconds. The number of available exposure on the LCD
Display (14) will be decreased by 1 exposure after that.
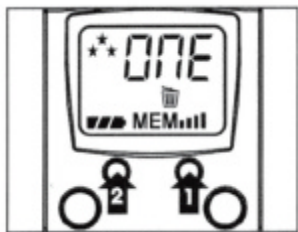

Figure 13. Erase Last One Picture

4. Erase All Pictures

With the camera is on, press the Mode Button (9) four times
and you will see "ALL' and the trash can icon. Then, to erase
all pictures that are in the camera, press and hold the Select
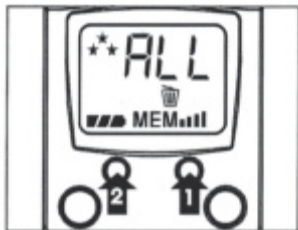Button (10) for 2 seconds. The LCD will then show '0'.

Figure 14. Erase All Pictures

D. Viewfinding and Taking Better Picture Tips

How to use the binoculars:

1. Hold the MAGPiX B1380 in a comfortable viewing position, and adjust the left and right barrels (1 & 5) apart or together until one single circular field is seen with both of your eyes at the same time.

2. To adjust the focus, look into the Left Eyepiece (12) with your left eye (with the right eye closed) to aim at any object 16ft. away, rotate the Focus Knob (13) clockwise or anti-clockwise to get the best focus. Then look into the Right Eyepiece (6) with your right eye (with the left eye closed), and rotate the Dioptric Knob (7) to the left or to the right to get the best focus.

3. Now you can look with both eyes into the left and right eyepieces (2 & 4) and bring nearby or far away objects into focus by adjusting the Focus Knob (12).

Viewfinding

- The function of the binocular is as an aid for viewfinding.

- The area seen through the binocular is a circular area, approximately 10 times magnification of original image.

- The MAGPiX B1380 lens produces up to a 16X enlarged image with 4x3 standard shape.
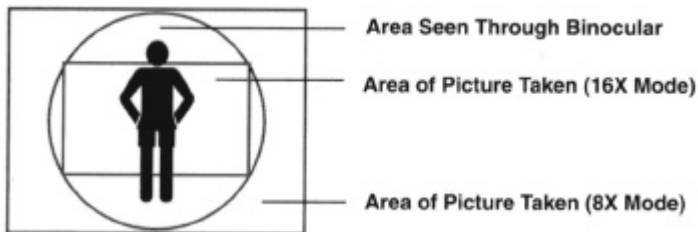
Figure 15. View area difference between binocular and camera

- You do not need to focus the binoculars for a focused picture. The camera is auto-focus and is independent from the binoculars.

- Depending upon the amount of available light, the shutter speed is fast enough that you can capture terrific action shots.
- Try taking a picture of a helicopter in flight. You'll notice that when you view your picture, you will have stopped the helicopter's rotor blade in mid-flight.

E. Downloading Your Pictures To Your PC

1. Install the drivers and photo software. The CD included in the box contains the MAGPiX B1380 driver and bonus software (Mr. Photo). **The drivers must be installed before you connect the MAGPiX B1380 to your computer.** NewSoft Mr. Photo is bonus software, and is not necessary to view your pictures.

Insert the installation CD into the CD-ROM drive of your computer. A screen will appear as shown in Figure 16.
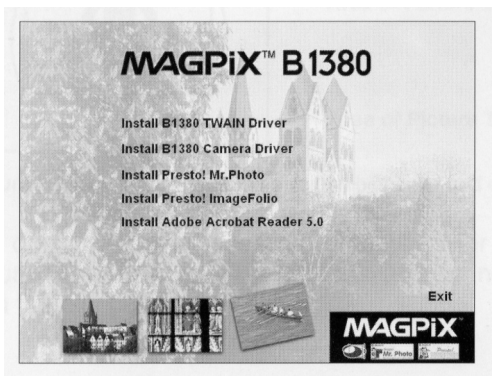

Figure 16. B1380 CD start-up screen

Click once on "Install B1380 Camera Driver" to start the installation of the driver, and follow the instructions on the screen step by step. After the installation is completed, eject the CD and restart your computer.

Then re-insert the installation CD and click once on "Install B1380 TWAIN Driver". Follow the instructions on the screen step by step. After the installation is completed, restart the computer.

(Go directly to Step 2, if you do not want to install Mr.Photo on your computer - otherwise continue below to install Mr. Photo).

After your computer restarts, re-insert the MAGPiX B1380 CD and click once on "Install Presto'Mr. Photo". Follow the instructions on the screen step by step. After the installation of "Presto!Mr. Photo is completed and you see the B1380 installation menu again, click once on "Presto! ImageFolio". Follow the installation screen instructions. When "Presto! ImageFolio" has finished installing, restart your computer.

2. Connect your MAGPiX B1380 to your computer.

Connect the large end of the included USB cable to the USB port of your computer, and connect the smaller end of this cable to the MAGPiX B1380. Then turn on your MAGPiX B1380. Your computer will find new hardware and update its system. Follow the onscreen instructions, if any. Please make sure that you connect the B1380 directly to the USB port on your computer and not through a USB hub.

If you receive a warning concerning the absence of a digital signature, please continue with the installation and ignore the warning. The B1380 drivers are fully compliant.

3. Downloading your pictures from the MAGPiX B1380.

Without using Presto! Mr.Photo Software:
1. Make sure the MAGPiX B1380 is connected with the USB cable to your computer.
2. Turn the MAGPiX B1380 on.
3. Double click on "B1380" which can be found in Window system "My Computer" file. (see Figure 17)

4. You will see a window that shows all the picture files stored on your camera.

5. Copy your picture files on your camera to a folder on your computer. - For example, "My Picture" or "My Documents"

6. You can now open your pictures with your favorite imaging/ photo software.

7. To save battery life, please close the 'B1380' folder and disconnect the camera from the computer after you have copied the pictures to your computer.

8. You can delete pictures from your camera by following the instructions on pages 9 and 10.
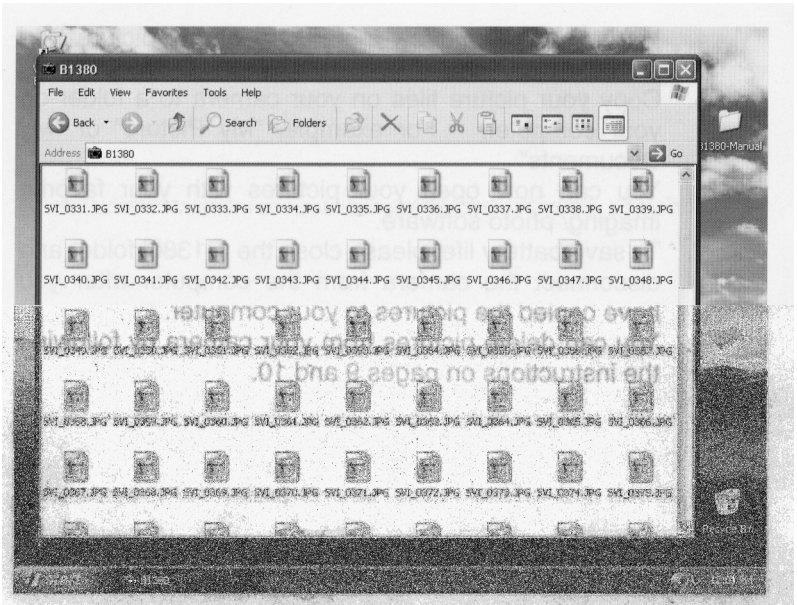
Figure 17. After clicking on the "B1380" icon located in the "My Computer" folder.

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Using Presto! Mr.Photo to download your photos.

1. Make sure the MAGPiX B1380 is connected with the USB cable to your computer.

2. Turn the MAGPiX B1380 on.

3. Launch the Presto'Mr.Photo application.

4. Click the "Set up Devices" icon and select "MAGPiX B1380" as "Digital Camera", then click "Close" to exit. (see Figure 18 and 19).

5. Click the "Load DSC Photos" icon and select "MAGPiX B1380" from drop down menu. Your photos will begin to download (see figure 20).

6. If the error message "Your system is low on virtual memory", appears you will need to download and save your photos using the method described on page 16. You can then open and manage your photos with the Mr. Photo software or your favorite photo/imaging software.

7. Click "Connect to Camera" and select the photos you want to save and click on "Save Selection" to save to your desired folder, (see Figures 21 and 22)

8. After the pictures are downloaded, you can review your pictures using the browse bar on the left of screen.

9. To learn more about the many other features of Presto! Mr.Photo please visit www.newsoft.com.

Figure 18. Click the "Set up Device" icon. (Looks like a wrench and a hammer).

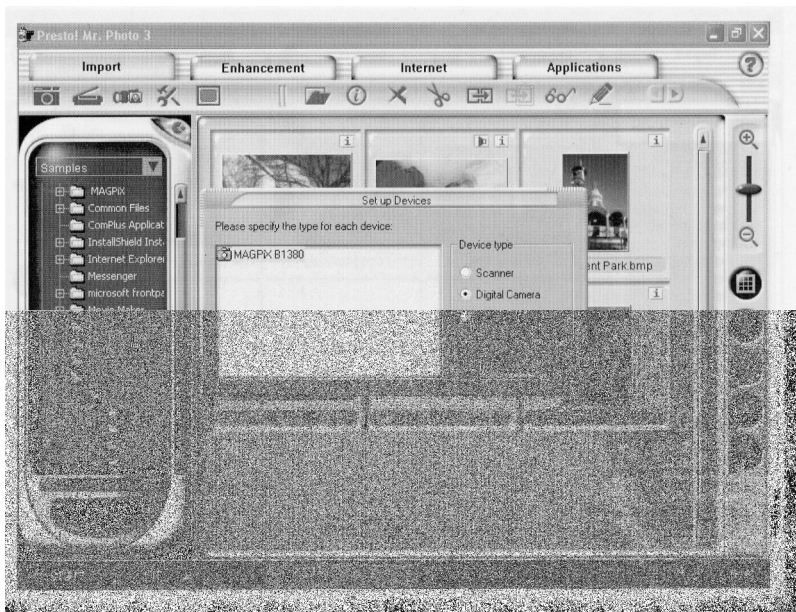Download from Www.Somanuals.com. All Manuals Search And Download.

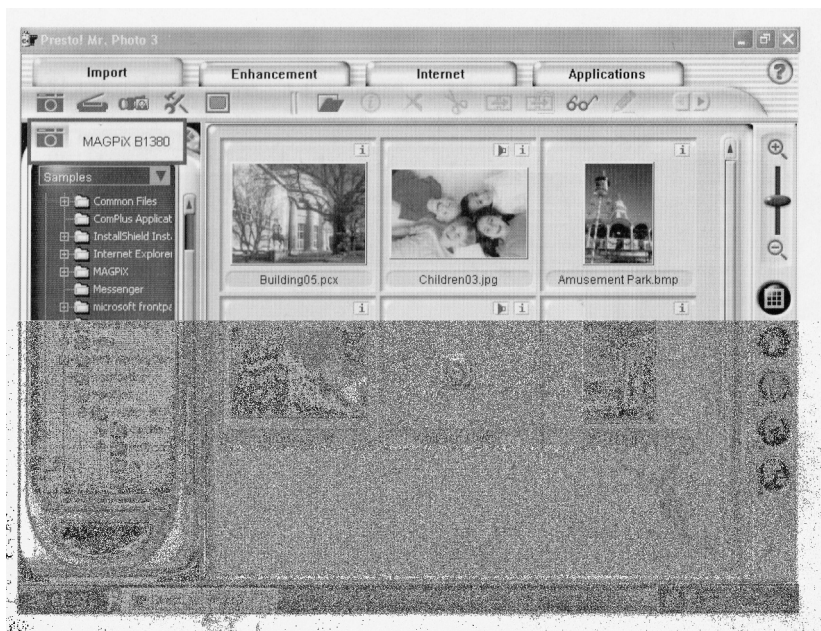**Figure 19.** Select Digital Camera for the MAGPiX B1380.

Figure 20. Click "Load DSC Pictures" icon (camera icon) and select "MAGPiX B1380"

Figure 20. Click "Connect to Camera" at the top left of the screen to download your pictures.

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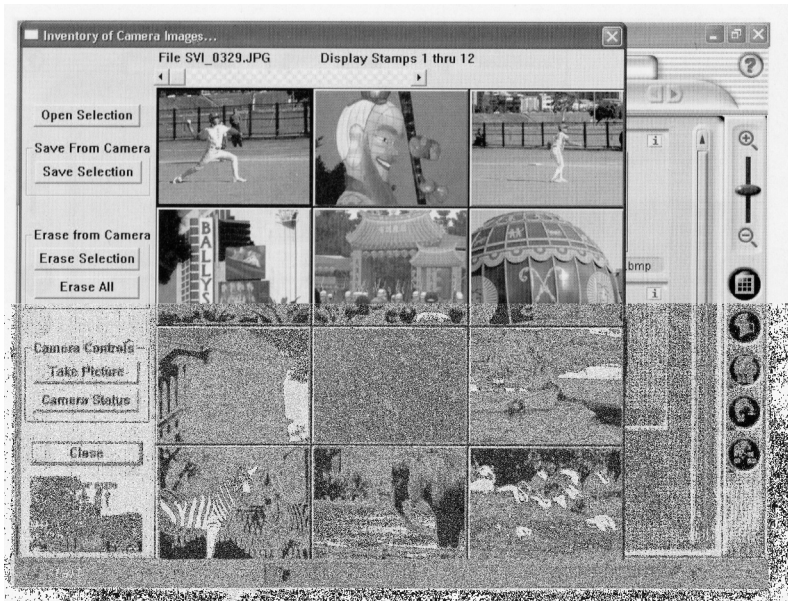
Figure 22. Select photos you want and click "Save Selection"

F. Technical Specifications

•Sensor Resolution:	CMOS, 1280x1024 pixels
•Built-in Memory:	16MB, Flash Memory
•Image Storage:	*** (1280x1024) -40 images ** (1280x1024) -80 images * (640x480) -160 images 2X (16X) (640x480) - 80 images
Status LCD;	3-digit B/W
White Balance:	Auto
Exposure:	Auto
Shutter Speed:	Auto (1/8000sec, Max.)
Focal Length:	58mm
Aperture;	F=5
Self Timer:	10 seconds
Interface:	USB
Delete Image:	All / last one
Auto Power Off:	60 seconds
Battery:	4 x AAA Alkaline Battery
Dimensions:	136x96x73 mm
Weight:	310 grams (w/o battery)
Operating System:	Windows 98SE/ME/2000/XP
Veiwfinder	Full featured 10x25 binoculars

System Requirements

- Personal computer with an operating system of either Windows 98SE, ME, 2000 or XP.

- A CD-ROM to install the driver and application software.

- Minimum Penthium II 200 MHz CPU.

- 1 USB port available.

- VGA Video card able to support a minimum of 640 x 480 24-bit true color resolution. 1024 x 768 24-bit true color resolutions is recommended.

- At least 48 MB RAM for WIN98/ME, and 64 MB RAM for Windows 2000 and WIN XP.

- At least 180 MB of free hard disk space.

G. Troubleshooting and Frequently Asked Questions

Q. The pictures I take seem to be blurred or out of focus.

A. Try taking pictures of objects or activities 45ft. or further away. Remember, the B1380's lens is focused from 45ft to infinity. Also, after you press and release the shutter button to take a picture, make sure that you hold the camera steady until you hear a beep. After you hear the beep you do not need to keep the camera still.

Q. When I try to download my pictures with Mr. Photo, I get a **"Your system is low on virtual memory"** message.

A. If you have less than 128MB of RAM on your computer, Mr. Photo may not be able to download your photos, depending upon your individual computer settings. Please download your pictures using the method on page 16 of this manual. This method is optimized for computer systems with less than 128MB of RAM. You can then open your downloaded pictures using Mr. Photo or any of your favorite photo applications to view and edit your images.

Q. I downloaded my pictures to the computer, but the B1380 LCD still shows the same number of pictures taken that I had before I downloaded them - why haven't they been deleted?

A. The B1380 does not automatically delete your pictures off of the camera after you have downloaded them to your computer. To take new pictures, you must delete your old pictures by following the instruction on page 9.

Q. The pictures I downloaded have some purple artifacts or seem to be distorted or have some black spots and lines on them.

A. Try reconnecting the USB cable to the computer and to the B1380. Make sure the USB cable to securely inserted into both your computer and the B1380.

Q. I inserted the CD, but no menu appears automatically.

A. Go to "My Computer" and right click on your CD drive. Then select "AutoPlay". The menu should now appear. If you do not have an option for "AutoPlay, select 'open'. Then double click on the 'Drivers' folder. Inside the driver's folder, is the driver for the MAGPIX B1380. Double click on that file and the driver will install automatically.

Q. When I try to install NewSoft Mr. Photo 3, it keeps asking me for a serial number - Where do I find it?

A. You do not need a serial number to install NewSoft Mr. Photo. Just make sure that you fill in the 'Name' box anc/the 'Company' box. Filling in 'home' or 'none' are good responses if the B1380 is not being used for a business. After filling in these two lines you should be able to continue the installation.

Q. How do I learn to use the other functions in Mr. Photo?

A. You can also visit NewSoft's website at www.newsoft.com.

Q. Where can I find more help or information on my MAGPIX B1380?

A. www.magpix.com

FCC Notice

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.

Note: This equipment has been tested and found to comply with the limits for Class B digital devices, 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 running 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 the 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 assistance.

The shielded cable with the ferrite core provided with the digital camera must be used with this equipment in order to comply with Class B limits in Subpart B of Part 15 of the FCC rules.

Do not make any changes or modifications to the equipment unless otherwise specified in the manual. If such changes or modifications should be made, you could be required to stop operation of the equipment.

Any questions or comments, please contact the MAGPiX Service Center:

Telephone: 1-888-3-MAGPIX
Website: www.magpix.com

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