

Important safety information and camera usage precautions**Do not aim the camera or binoculars at the sun or any other bright light**

This may cause irrecoverable damage to your eyes. Or it may cause permanent damage to your camera.

Practice using your camera

Before you record one-time events, we strongly suggest that you practice using the camera so that you understand how the camera functions and the camera is working properly.

No compensation for contents of the recording

Contents of the recording cannot be compensated for if recording or playback is not possible due to a malfunction of your camera or recording media, etc.

Do not get the camera wet

When taking pictures in the rain or under similar conditions, be careful not to get the camera wet. Water entering the inside of the camera may cause permanent damage to your camera.

Do not expose the camera to sand or dust

Using the camera in sandy or dusty locations may cause your camera to malfunction

Back up your pictures

To avoid the potential risk of data loss, always copy (back up) your pictures.

Do not shake or strike the camera

In addition to malfunctions and inability to record images, this may render your removable memory (MMC/SD card) unusable or cause image data breakdown, damage or loss may occur.

READ THIS FIRST

WARNING

TO REDUCE THE RISK OF FIRE OR SHOCK HAZARD AND INTERFERENCE, USE ONLY THE RECOMMENDED ACCESSORIES AND DO NOT EXPOSE THIS EQUIPMENT TO RAIN OR MOISTURE. DO NOT REMOVE THE COVER (OR BACK); THERE ARE NO USER SERVICEABLE PARTS INSIDE.

CAUTION

DANGER OF EXPLOSION OR SERIOUS BURNS IF BATTERY IS INCORRECTLY REPLACED. REPLACE ONLY WITH THE SAME OR EQUIVALENT TYPE RECOMMENDED BY THE MANUFACTURER. DISPOSE OF USED BATTERIES ACCORDING TO THE MANUFACTURER'S INSTRUCTIONS.

FCC Notice: (U.S. only)

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.

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.

FCC Caution: To assure continued compliance, follow the attached installation instructions and use only shielded interface cables with ferrite core when connecting to computer or peripheral devices.

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

Any questions or comments , please contact MAGPIX Customer Support.

Telephone: 1-888-362-4749

Website: www.magpix.com

INTRODUCTION

Thank you for purchasing this MAGPIX Digital Camera Binocular. Please read this user's manual carefully and keep it in a safe place for future reference.

Easy to use, compact, and durable, the SX3 is perfect for any outdoor activity, from sporting events to wildlife viewing. The SX3 is our 3rd generation digital camera binocular. This experience has helped us to design from the ground up, a digital camera binocular that delivers never before seen features and performance anywhere else in this category.

With true 3.1 MegaPixel resolution and up to 10X optical magnification, what you see through the binoculars is the picture you get. Use the included MAGPIX Light Guide attachment and watch your pictures come alive. The SX3 also allows you to take pictures from near to far (~40ft. to infinity) with an innovative lens focusing system -- perfect for backyard birding to backpacking adventures. Ultra lightweight, sleek and sturdy, the SX3 is half the weight of lower resolution and lower magnification competitors. A TV out connection lets you use the SX3 for surveillance or view your pictures right on your TV without a computer. Add a tripod and SX3 can take great pictures in low lighting conditions.

Even with all these features, the SX3 still operates with just 2 buttons: power and shutter.

After taking your pictures, they can be downloaded and viewed on your computer using a USB connection. No software drivers are needed to download your pictures from the SX3 if you are using Windows ME/2000/XP or MacOS v10.2 or higher. To get the most out of your camera, please read this manual carefully.

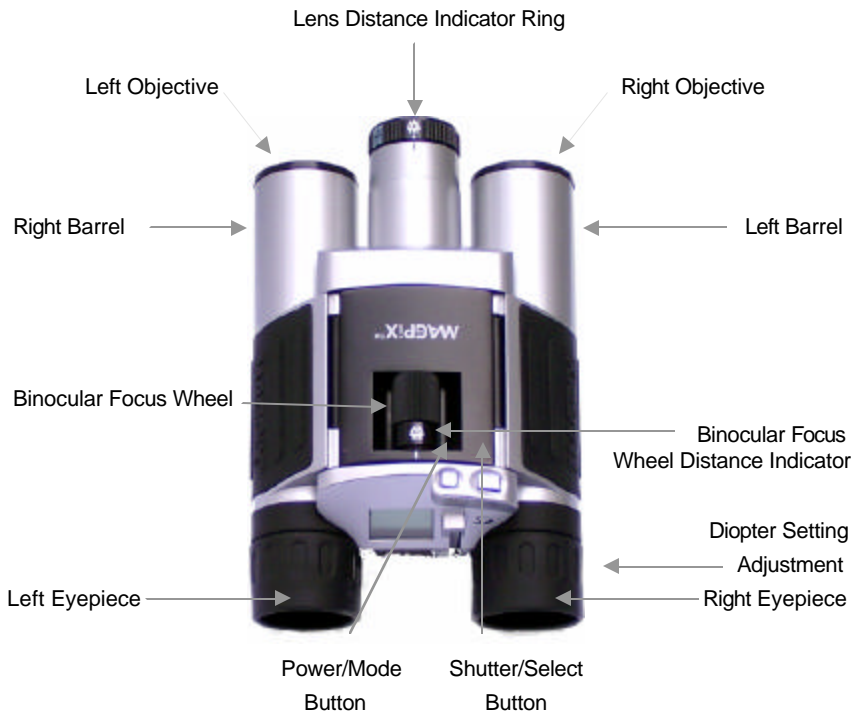
This manual is divided into eight parts:

- I. Getting To Know Your Camera
- II. Using Your Camera
- III. Camera Modes and Settings
- IV. Viewfinding and Taking Better Picture Tips
- V. Downloading Your Pictures To Your Computer
- VI. Technical Specifications
- VII. Troubleshooting and Frequently Asked Questions
- VIII. Optional Accessories and Other MAGPIX Products

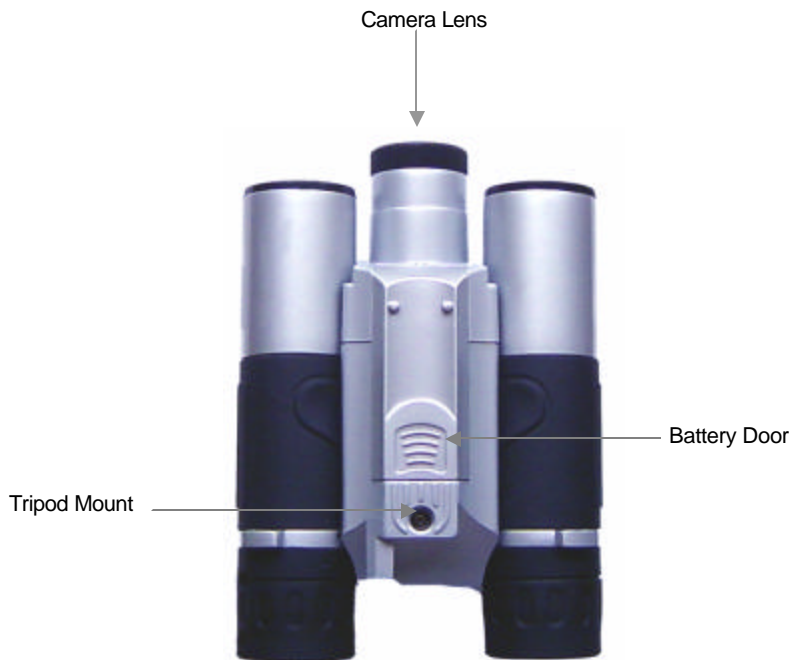
GETTING TO KNOW YOUR CAMERA

SX3 Top View

The following are four views of the MAGPIX SX3 to help familiarize you with your new digital camera binocular. The part names will be referred to throughout this manual.

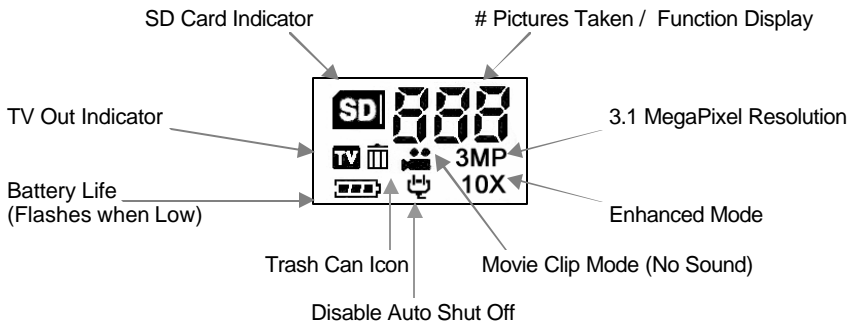
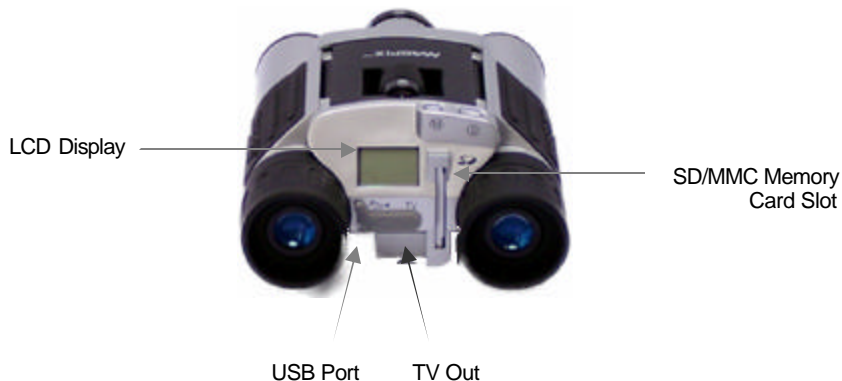


GETTING TO KNOW YOUR CAMERA SX3 Bottom View



GETTING TO KNOW YOUR CAMERA

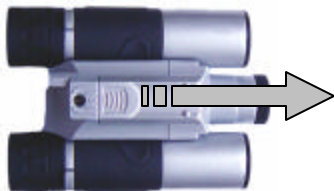
SX3 Back View and Status LCD Panel Diagram



USING YOUR CAMERA Setting Up Your Camera

1. Insert 2 AAA Alkaline Batteries (Not Included)

Turn the camera over. Slide the battery cover off the camera, toward the camera lens. Insert the batteries aligning them with the + and - symbols with the release ribbon underneath the batteries. Slide the battery cover closed. To remove the batteries, pull up on the exposed release ribbon.



2. Adjust the Binocular for the Distance between Your Eyes

Hold your digital camera binocular in your normal viewing position. Grasp each objective firmly. Move the objectives closer together or further apart until you see a single circular field. Always re-set your digital camera binocular to this position before using.



Distance between Your Eyes

USING YOUR CAMERA

Setting Up Your Camera

3. Adjust the Binocular for Individual Eye Strength

As individual eyesight varies from one person to another, the MAGPIX SX3 has a diopter setting feature which allows you to fine-tune the binocular to your vision.

- a. Adjust the binoculars for the distance between your eyes and view a distant object.
- b. Keep both eyes open at all times.
- c. Using one hand, cover the right objective lens at the front of the binocular.
- d. Using the ***binocular focus wheel***, with one hand still covering the right objective lens, focus on a distant object until it appears as sharp as possible.
- e. Uncover the right objective lens, and now cover the left objective lens -- then view the same distant object.
- f. Using the ***diopter setting adjustment ring***, located on the back of the right objective lens, focus on the same object being viewed until it is sharp as possible. ***Over turning or forcing the diopter setting adjustment ring can cause damage or cause the eyepiece to break away from the binoculars. The diopter setting adjustment ring is only located on the right objective. There is no diopter setting adjustment ring on the left objective.***
- g. Your binocular is now adjusted to your eyes. In the future, you can focus using only the binocular focus wheel.

USING YOUR CAMERA

Taking Your First Picture

1. Make sure you have adjusted the binoculars for your eyes as shown previously in this manual.

2. Use the MAGPIX SX3 Light Guide (Included)

Attach the SX3 Light Guide to the front of the camera lens by carefully matching the three color coded icons to one another. MAGPIX recommends always using the Light Guide under all conditions. Using this light guide improves picture quality in all conditions and especially when taking pictures that are backlit (e.g. facing the sun).



SX3 Light Guide



SX3 with Light Guide Attached

Clip the Light Guide, using the included Light Guide strap, to your neck strap to avoid misplacing the light guide.

3. Turn on the Camera

Press the Power/Mode button. You will hear a beep when the power turns on. To turn off the camera, press and hold the Power/Mode button for 2 seconds. The SX3 will automatically shut itself off to save power when there has been 75 seconds of inactivity.

USING YOUR CAMERA

Taking Your First Picture

4. Select an Object to Photograph

Look through the binoculars. Using the **Binocular Focus Wheel**, focus as sharp as you can on an outdoor object that is 40ft or more away from you.

Then look at the **Binocular Focus Wheel Distance Indicator**. The Binocular Focus Wheel Distance Indicator is divided into three sections – One tree on a silver background (close), two trees on a blue background (medium), and three trees on a black background (far). Remember which section the Binocular Focus Wheel Indicator has landed on.



5. Focus the Camera

Turn the Lens Distance Indicator Ring on the front of the camera until it matches the symbol you saw on Binocular Focus Wheel Distance Indicator. The SX3 is now focused on the object you are trying to take a picture of. Basically, what you are doing is using the focus knob on the binocular to tell you how to focus the camera lens. Every time you aim at another object, you will need to make sure that these symbols match, following steps 4 and 5 again. For more detailed information on focusing your camera and taking in focus pictures, see the **Taking Better Picture Tips** later in this manual.

USING YOUR CAMERA

Taking Your First Picture

6. Take the Picture

Hold the camera steady and press the Shutter/ Select button. You will hear a beep when the picture is taken and you will see the counter on the LCD advance by 1 number. You've just taken your first picture with your SX3. Remember, when you aim at another object, you'll need to follow steps 4 and 5 again to make sure that your picture will be in focus. It only takes a few pictures to get the hang of focusing your binoculars and then turning the Lens Indicator Ring to match the Binocular Focus Wheel Indicator.



Shutter/Select Button

You can take approximately 30 pictures using the internal memory of the camera. After that, the LCD on your camera will read “FUL” indicating that the memory is full and you will need to delete pictures before you can take more pictures, or insert an SD/MMC card to add more memory.

CAMERA MODES AND SETTINGS

Resolution

The SX3 has two resolution settings:

“3MP” and “10X”

“3MP” stands for 3.1 MegaPixel resolution. This is the default resolution that the SX3 is set to every time you turn it on. Under this setting, you will take 3.1MegaPixel pictures.

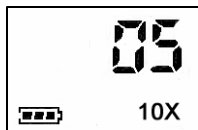
“10X” stands for the enhanced performance setting. Under this setting, the shutter speed is increased, and the optical magnification is slightly larger than in the 3MP setting. This is particularly useful for taking pictures of faster moving, smaller subjects, such as birds. The trade-off in this mode is that you will be taking 2.1MegaPixel resolution pictures.

To change to the 10X setting, turn on your camera. Once your camera is turned on, press the Power/Mode button, one press at a time, until you see the LCD display a flashing “10X”. If you then press the Shutter/Select Button, the enhanced performance setting will be engaged. The LCD will now display **10X** instead of **3MP**.

To change back to the 3MP setting, turn off your camera by holding the Power/Mode button for 2 seconds. When you turn on your camera again, the SX3 will be set on the 3MP setting.



3MP Setting



Enhanced “10X” Setting

CAMERA MODES AND SETTINGS

Erasing Your Pictures

The SX3 has 3 ways you can erase your pictures on your camera.

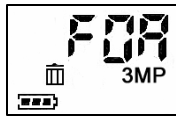
- 1. To delete just the LAST picture you took**, first turn on your camera. Once your camera is turned on, press the Power/Mode button, one press at a time, until you see the LCD display “**LSI**” and the trash can icon appear. If you then press the Shutter/Select Button, the last picture you took will be deleted. The counter will go down by one picture.
- 2. To delete ALL your pictures in the camera**, first turn on your camera. Once your camera is turned on, press the Power/Mode button one press at a time, until you see the LCD display “**ALL**” and the trash can icon appear. If you then press the Shutter/Select Button, all your pictures will be deleted from the camera. The counter will return to 0.
- 3. The Format mode** not only erases the pictures that are on your camera, but all other files as well. For instance, if you are using a SD/MMC memory card with your camera and you have other files or information on the SD/MMC card, the Format mode will erase the card completely of all its files. **Please note: After performing a Format, none of the information erased from the card can be recovered.** To Format, first turn on your camera. Once your camera is turned on, press the Power/Mode button one press at a time, until you see the LCD display “**FOR**” and the trash can icon appear. If you then press the Shutter/Select Button, all your files will be deleted from the camera. The counter will return to 0.



Erase Last Picture Taken



Erase All Pictures



Format

CAMERA MODES AND SETTINGS

Movie Clips

As a bonus feature, the SX3 can take up to 30 second long movie clips. The SX3 does not have a microphone, so the clips will be without sound. The clips are recorded in avi format, so you will need a movie player on your computer that can read avi format. Most recent Windows and MacOS computers come pre-installed with the ability to read avi movie files.

The number of 30 second long movie clips you can take will depend on the amount of memory available on your camera or the size of SD/MMC card memory you are using.

To enter the movie mode, first turn on your camera. Once your camera is turned on, press the Power/Mode button, one press at a time, until you see the movie camera icon appear. If you then press the Shutter/Select Button, you will be engaged in the movie mode. Then to start taking a movie, first make sure you have set the lens distance indicator ring correctly for the subject you wish to film. Then press the Shutter/Select Button to start your movie clip. Press the Shutter/Select Button again when you wish to stop the clip.

To take another movie clip, just press the Shutter/Select Button again.

To go back to taking pictures, turn off your camera by holding the Power/Mode button for 2 seconds. When you turn on your camera again, the SX3 will be set to take pictures again.



Movie Mode

CAMERA MODES AND SETTINGS

Using the SX3 with the TV

When you connect the SX3 to your TV, you can either playback the pictures you've taken or you can watch what the SX3 is seeing "live" through its lens on your TV and then even take pictures of what you are seeing. This is particularly useful for surveillance applications or getting the hang of focusing the camera.

1. **To watch what the SX3 is seeing "live" through its lens on your TV**, connect the included TV Out cable to the TV Out port on the back of the SX3 and to the video input (yellow) socket on your TV. Turn on the TV and select appropriate external input on your TV. Turn on the SX3. You will see on your TV what the SX3 is seeing "live". To take a picture, simply press the Shutter/Mode button.

If you plan on using this mode for surveillance or for extended periods, you will want to use the optional SX3 AC power adapter to save on battery life. You will also want to turn off the "auto shut-off" feature described later in this manual. Tripods, a corded remote shutter button, and power adapters are available for purchase on our website at www.magpix.com.

2. **To play back your pictures**, connect the included TV Out cable to the TV Out port on the back of the SX3 and to the video input (yellow) socket on your TV. Turn on the TV and select appropriate external input on your TV. Turn on the SX3. Press the Power/Mode button, one press at a time, until you see the LCD display the **TV** icon. If you then press the Shutter/Select



TV Playback

Button, the camera will enter playback mode. Press the Shutter/Select Button again and in 2-3 seconds, the next picture will appear. Disconnect the TV Out cord from the SX3 and the SX3 will automatically shut off.

CAMERA MODES AND SETTINGS

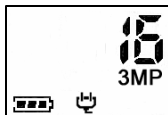
Disable Auto Shut-Off

The SX3 automatically shuts itself off after 75 seconds of inactivity. This is very useful to conserve battery life. However, sometimes you may wish to keep the SX3 on longer than 75 seconds at a time. This may be particularly useful when you are using the SX3's TV Out function, when you are using the optional power adapter, or when you are trying to take a picture of an intermittent subject that might be gone, before the SX3 has powered up.

Please note that disabling the Auto Shut-Off will severely affect your battery life. We strongly recommend that you re-enable Auto Shut-Off as soon as possible.

To disable Auto Shut-Off, first turn on your camera. Once your camera is turned on, press the Power/Mode button, one press at a time, until you see the LCD display electrical plug icon. If you then press the Shutter/Select Button, the Auto Shut-Off will be disabled.

To turn-on the Auto Shut-Off, turn off your camera by holding the Power/Mode button for 2 seconds. When you turn on your camera again, Auto Shut-Off will be enabled.



Auto Shut-Off Disabled

Adding Memory to Your Camera by Using a SD/MMC Memory Card Battery Life Indication

Insert the SD/MMC card into the SD/MMC Slot located at the back of the camera. The SD/MMC card can only be inserted in one direction. Make sure that the “write protection” switch is set to “off” on the SD/MMC card, or else the camera will not be able to use it. When an SD/MMC card is inserted to the camera, the camera will save the pictures only to the SD/MMC card. When the SD/MMC Card is removed, the camera will save pictures to its internal memory.

You will see an SD icon appear on the status LCD when you have an SD/MMC card inserted in the camera. When your camera memory is full, the LCD display will show “FUL” and you will not be able to take any more pictures.



SC/MMC Card in Use

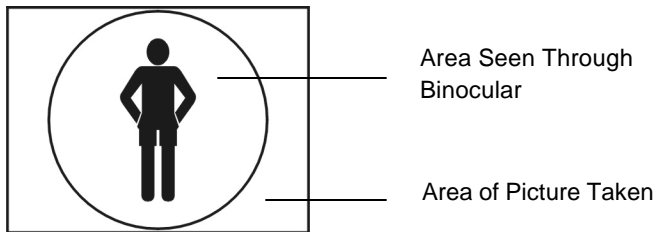
Battery Life Indication

The battery icon will begin to flash when the batteries runs low on your camera. After this happens, you can take approximately another 3-4 pictures. Even if you run out of batteries, you will not loose the pictures that are in your camera. The pictures will stay in your camera until you erase them.

VIEWFINDING AND TAKING BETTER PICTURE TIPS

Viewfinding

- The binocular functions as the viewfinder for the camera. Use SX3 as you would a regular pair of binoculars.
- **Do not look through the binoculars at the sun.** This may cause irrecoverable damage to your eyes. It may also cause permanent damage to your camera.
- The area seen through the binocular is a circular area, approximately 10 times the magnification of original image.
- The MAGPIX SX3 lens produces a 10 times enlarged image with an approximate 4:3 aspect ratio.



Viewing area difference between binocular and camera

VIEWFINDING AND TAKING BETTER PICTURE TIPS

Taking Better Picture Tips

- Especially before you take pictures of one-time events, we strongly suggest that you practice using the camera so that you understand how the camera functions and the camera is working properly.
- Always use the Light Guide under all conditions. Using this light guide improves picture quality dramatically in all conditions and especially when taking pictures that are backlit (e.g. facing the sun).
- Many people open their brand new SX3 at night and will try taking test shots inside their home and ultimately be disappointed with their pictures. Remember, the SX3 is a Digital Camera Binocular, and binoculars are meant to be used outdoors and in the daylight. So naturally, the SX3 will work best outdoors and in the daylight.
- Press the Shutter button gently, so that you do not shake the camera when you take a picture. Keep looking at your subject through the binoculars for an additional second after you have taken a picture before bringing setting the binoculars down.
- The SX3 will take pictures of subjects 40ft or greater away from you using the “one tree” setting. A good way to estimate 40ft is imagining about the length of 3 cars parked end to end. This way you can tell if you are trying to take a picture that is too close to you.
- The 3 focal length settings are roughly as follows:
 - One Tree: Will take in focus pictures 40ft. to 60ft.
 - Two Trees: Will take in focus pictures 60ft. to 180ft.
 - Three Trees: Will take in focus pictures 180ft. to infinity.

VIEWFINDING AND TAKING BETTER PICTURE TIPS

Taking Better Picture Tips

- Most users will keep their camera on the “two tree” setting most of the time.
- Take 2 pictures of the same subject using different lens focusing distances. (e.g. take one picture using the “one tree” setting and one picture using the “two tree” setting). This way, incase you have misjudged the distance; you will most likely get one in focus picture.
- Once you get the hang of judging distances, you may not need to keep looking at the Binocular Wheel Distance Indicator. You will be able to just turn the Lens Distance Indicator Ring to the correct setting.
- Practice taking 5-6 pictures out a window and then immediately download them to your computer and see how you did. If you repeat this a few times, you will quickly get a handle of judging distances and get very good at using the SX3.
- The SX3’s imaging sensor has good low light sensitivity and can take reasonable images in low light. However, when using the SX3 in lower lighting conditions or for indoor events, a tripod will be necessary to help eliminate any motion blur you may get.
- Sometimes, you may look at a picture you took and the lighting in the picture may be different than what you remember. This is because you are taking a picture of a subject/scene that is a good distance away from you. The lighting conditions where your subject/scene is will often times be different than where you are taking the picture from.
- Remember – Have fun with your new camera!

DOWNLOADING YOUR PICTURES TO YOUR COMPUTER

Mass Storage

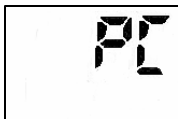
Windows ME/2000/XP and MacOS X v10.2 and Higher

1. Turn on your computer.

No special drivers are required for all operating systems later than Windows Me, 2000, or XP. Mac OS X.2 and above is also compatible. **If you have a PC running Windows 98 go to page 26.**

2. Connect the USB cable

Unplug the rubber USB cover on the camera and plug the small end of the USB to the camera and the larger end to a USB on your computer. The camera will be recognized as a USB Mass Storage Device. The camera will automatically turn on and the LCD will display "PC".



The SX3 is connected to a computer

USB Port



3. View Your Pictures

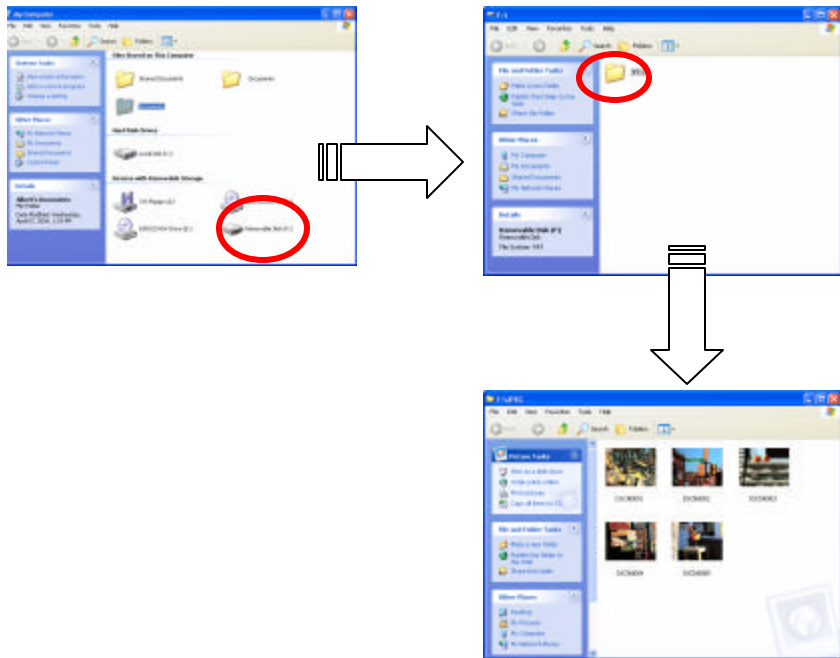
A new disc icon will appear in Windows Explorer (under "My Computer") as a new "Removable Disc" after plugging in the USB cable from the SX3. Mac users will see a new hard drive device appear on their desktop. Clicking on the new disc icon will show the contents, a folder named "JPEG". The image folder inside this contains your photos, stored as JPEGs (.jpg file format). Copy this folder on to your computer. These pictures may then be opened from your

DOWNLOADING YOUR PICTURES TO YOUR COMPUTER

Mass Storage

Windows ME/2000/XP and MacOS X v10.2 and Higher

computer, edited, renamed using any photo or graphics software that accepts .jpg files. If you do not have software that will open .jpg files, you should install Ulead PhotoExpress (Windows only) from the included CD-ROM.



DOWNLOADING YOUR PICTURES TO YOUR COMPUTER

Mass Storage

Windows ME/2000/XP and MacOS X v10.2 and Higher

4. Disconnecting the Camera from Your Computer

After you have copied or opened and saved the photo files to your computer's hard drive, you may disconnect the SX3. (**NEVER** disconnect the camera while files are still being transferred to your computer). Before disconnecting, some Windows or Mac operating systems, ask you to eject or stop the removable disc representing the camera, to avoid an error message. Please see your operating system's instructions for more details.

Once you disconnect your SX3 from your computer, the SX3 will automatically shut off and the LCD will go blank. If the status LCD continues to show "PC" after you have disconnected the camera, it means that an error has occurred. You should remove and the batteries and re-insert them. This will reset the camera. You will not lose any pictures from your camera if you remove the batteries.

DOWNLOADING YOUR PICTURES TO YOUR COMPUTER

Mass Storage

Windows 98

If you are running Windows 98 on your computer, insert the MAGPIX SX Series installation CD into the CD-ROM drive of your computer. An installation screen will appear.



Click once on “Install MAGPIX SX Series Driver” to start the installation of the driver, and follow the instructions on the screen step by step. After the installation is completed, restart your computer.

Then go back to page 23 and continue with Step 2.

You do not need to install Ulead Photo Express. It is bonus software and not necessary to view your photos.

DOWNLOADING YOUR PICTURES TO YOUR COMPUTER

ULEAD PhotoExpress

Windows Only

MAGPIX Provides ULEAD PhotoExpress as bonus software. You do not need to install this program to download your pictures. However, if you wish to install this program, insert the MAGPIX SX Series Installation CD into your CD-ROM drive and click on Install ULEAD PhotoExpress 4SE. Follow the on screen instructions to complete the installation. Then restart your computer.

Since the MAGPIX SX3 uses the very latest in USB connectivity to the PC and requires no drivers to be installed, when you download your pictures using ULEAD, the SX3 will not appear under the digital camera section of ULEAD PhotoExpress. You will need to follow these special steps:

1. Make sure the SX3 is connected and turned on.
2. Start the PhotoExpress software.
3. Go to the "File" menu and select "Open"
4. Select "Open Photos" or "Open Pictures".
5. Select the removable hard drive that corresponds to the SX3 on your computer.
6. Open the folder "jpeg"
7. You will now see your pictures listed.

For more information on how to use ULEAD PhotoExpress, please visit their website at: www.ulead.com or call them at: 1 (877)226-6766. The user manual for PhotoExpress is also located on the SX Series installation CD.

TECHNICAL SPECIFICATIONS

Specifiactions

Specifiactions:

Sensor Resolution	2048 x 1536 (3.14 MegaPixels)
Camera Resolution	2048 x 1536 (3.14 MegaPixels)
Internal Memory	16MB flash memory
Removable Memory	SD/MMC slot
Image Storage	Approx. 40 pictures using internal memory / Unlimited through use of MMC/SD cards
Viewfinder	10x22 ruby coated binoculars
Status Display	Monochrome LCD
Zoom	10X optical fixed
Aperture	f4.5
Focal Range	Variable (40ft. to Infinity)
Focal Length	55mm (Equivalent to 330mm on a standard 35mm camera)
ISO Equivalent	Variable 100 – 400
Shutter Speed	Automatic - up to 1/8000 sec.
Image Format	JPEG, AVI
Power	2 AAA batteries (not incl.) OR Optional AC adapter (not incl.)
Tripod Mount	Yes
Interface	USB
TV Out & Playback	Yes
Size and Weight	5"x 4"x 2" 9.6 oz.

TECHNICAL SPECIFICATIONS

System Requirements

Included in This Box

System Requirements:

- PC running Windows 98/2000/ME/XP (Windows 2000 and XP require admin rights to install)
- OR
- Mac OS X, v10.2.0 and higher (Mac OS X requires admin rights to install)
- 64MB RAM (128MB Recommended)
- One available USB port
- Ability to read .avi files for movie clip support
- 120MB available hard disk space
- CD-ROM drive for Windows 98 only. (No drivers need to be installed for Windows 2000/ME/XP or Mac OS X, v.10.2.0 and higher).

Included in This Box:

- MAGPIX SX3 Digital Camera Binocular
- MAGPIX Light Guide Attachment
- Light Guide Strap
- Neck Strap
- Carry Case
- USB Cable
- TV Out Cable (For Use with SX3 Only)
- Drivers and Bonus Software for Windows
- Quick Start Guide and User's Manual

TROUBLESHOOTING AND FREQUENTLY ASKED QUESTIONS

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

A1. Make sure you are taking pictures of objects or activities 40ft. or further away from you. Remember, the SX3s lens can be focused from 40ft to infinity.

A2. Make sure that you match the Lens Distance Indicator Ring on the front of the camera until it matches the symbol you saw on Binocular Focus Wheel Distance Indicator, not vice versa. Basically, what you are doing is using the focus knob on the binocular to tell you how to focus the camera lens.

A3. See the Taking Better Pictures Tips on Page 21 and 22.

Q. How do use the light guide?

A. Attach the SX3 Light Guide to the front of the camera lens by carefully matching the three color coded icons to one another. MAGPIX recommends always using the Light Guide under all conditions. Using this light guide improves picture quality in all conditions and especially when taking pictures that are backlit (e.g. facing the sun). Clip the Light Guide, using the included Light Guide strap, to your neck strap to avoid misplacing the light guide.

Q. Do I need to install the drivers on my computer for the SX3 to work?

A. You only need to install the drivers if you are using Windows 98. Otherwise if you are a Windows ME/2000/XP or MacOS 10.2.0 or higher user, you do not, and should not install the included driver. These operating systems will automatically recognize the camera as an additional hard drive on your computer.

TROUBLESHOOTING AND FREQUENTLY ASKED QUESTIONS

Q. I downloaded my pictures to the computer, but the SX3 LCD still shows the same number of pictures taken that I had before I downloaded them – why haven't they been deleted?

A. The SX3 does not automatically delete your pictures off of itself after you have downloaded them to your computer. You must delete your old pictures by following the instruction on page 15.

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

A1. Try reconnecting the USB cable to the computer and to the SX3. Make sure the USB cable is securely inserted into both your computer and the SX3.

A2. Sometimes the purple artifacts can also be caused when the batteries are low. Even though you can still take another 4-5 pictures after the battery indicator begins to flash, we recommend changing your batteries as soon as possible.

Q. My batteries are low, but I can't get to a computer to download my pictures. I don't want to lose my pictures.

A. The SX3 is not dependent on its batteries to keep its pictures in memory. You won't lose your pictures if your batteries run out. Just replace the batteries and your picture will still be where you left them.

TROUBLESHOOTING AND FREQUENTLY ASKED QUESTIONS

Q. None of the buttons seem to work. The LCD display seems to be stuck. For instance, the camera is disconnected from the computer and still reads “PC”. How do I reset the SX3?

A. A system error has occurred. Please take out the batteries for 2 minutes and re-insert them. Don’t worry, all the pictures taken with the SX3 will still be there when you turn on your camera again.

Q. I recorded movie clips with SX3, but when I play them back, they have no sound.

A. Unfortunately, the SX3 has no microphone, so the movie clips will not have any sound.

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” or “AutoRun”. The menu should now appear.

Q. I some times get picture that are tilted by 45 degrees. What’s going on?

A. When you adjusted the binoculars for the distance between your eyes, you may have any unevenly, lifted one binocular barrel higher than the other. This will cause the camera to take tilted pictures. To fix this, make sure that you lift each barrel of the binocular equally when you adjust for the distance between your eyes.

TROUBLESHOOTING AND FREQUENTLY ASKED QUESTIONS

Q. When I insert my SD card, the LCD displays a huge number like 650 or an error message. I can't seem to take any pictures.

A1. Make sure that the write protect switch on the SD card itself is not engaged. If it is, the SX3 will not be able to record pictures on it and will give you an error.

A2. You may need to format your SD card before you can use it with the SX3. Please follow the instructions on page 15.

Q. I've been trying to go through all the functions on the camera, but I can't seem to get to the "TV" icon.

A. You can only "get" to the TV Icon when the SX3 is connected to the TV. Then press the shutter/select button, or press at a time and you will be able to get to the TV icon.

Q. I'm playing back my pictures on the TV - Why does it take so long to advance to the next picture?

A. The SX3 is actually converting the 3MP picture it has in its memory to a format that can be understood by the TV. It takes 3-4 seconds for the SX3 to do this conversion.

TROUBLESHOOTING AND FREQUENTLY ASKED QUESTIONS

Q. How do I restore the camera to the original factory default settings/ reset the camera?

A. Take out the batteries and then re-insert them. The camera will be reset.

Q. The SX3 will not turn on.

A. Make sure that you inserted the batteries in correct orientation. There are markings showing which way the batteries go inside the batter chamber. Also, make sure that you only use brand new batteries with your camera.

Q. I have really bad eyesight. Will I still be able to focus the SX3 correctly?

A. Yes. As long as you match the Lens Distance Indicator Ring on the front of the camera to the symbol you saw on, you should get an in focus picture. In extreme cases you may want to estimate the distance to your subject and adjust the Lens Distance Indicator Ring accordingly without paying any attention to the Binocular Focus Wheel Distance Indicator. See page 21 for the focal lengths.

Q. How do I learn to use the other functions in Photo Express 4.0?

A. You can insert the CD that is included with the SX3 and select "Ulead Photo Express 4SE User Manual" from the menu to read the manual for Photo Express 4SE. You can also visit Ulead's website at www.ulead.com.

TROUBLESHOOTING AND FREQUENTLY ASKED QUESTIONS

Q. When I try to install Ulead PhotoExpress, it keeps asking me for a serial number – Where do I find it?

A. You do not need a serial number to install Ulead PhotoExpress. Just make sure that you fill in the 'Name' box *and* the 'Company' box. Filling in 'home' or 'none' are good responses if the B350 is not being used for a business. After filling in these two lines you should be able to continue the installation.

Q. I've lost my TV out cable and tried using a similar one, but it doesn't work.

A. The TV Out cable included with your SX3 is a custom cable that supports the special functions of the SX3, such as remote shutter, and auxiliary power. Since these functions share the same port as the TV Out, a custom TV Out cable is needed. (Auxillary power and remote shutter are not included, but can be purchased separately).

Q. I've lost a part or I'd like to know where I can get the optional accessories for the SX3.

A. You can get more information at www.magpix.com

ACCESSORIES FOR YOUR SX3 AND OTHER MAGPIX PRODUCTS

Optional accessories include a corded remote shutter, AC power adapter, additional 2X optical zoom lens (brings the total optical magnification of the SX3 to 20X!), and many others - perfect for enhancing the surveillance/extended length operation capabilities of the MAGPIX SX3.

Information about optional accessories for your MAGPIX SX3 Digital Camera Binocular and other MAGPIX products can be found at www.magpix.com.