Bushnell®

OPTICSPLANET

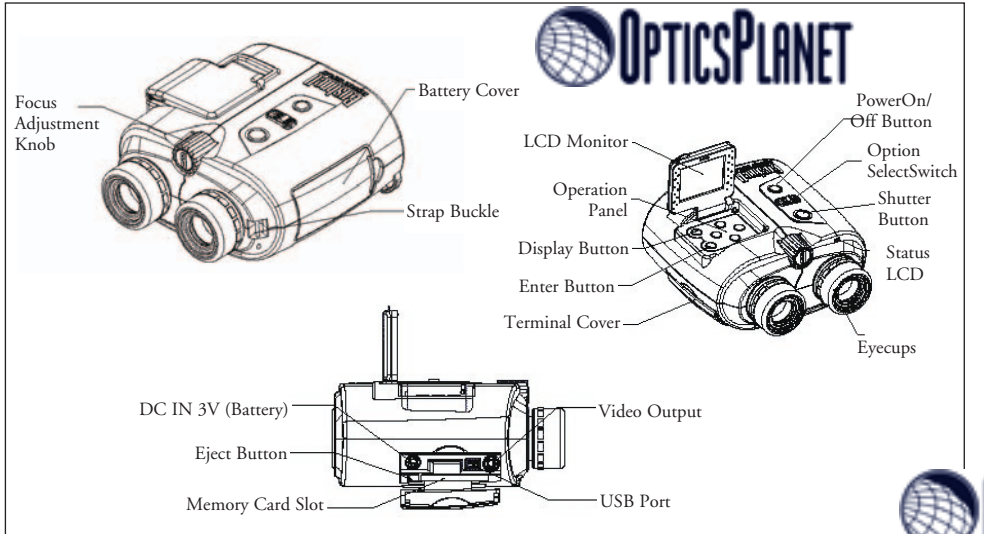
Model: 18-0832
LIT. #: 98-0377/01-04

Instruction Manual • Manuel D'instructions
Manual de Instrucciones • Bedienungsanleitung
Manuale di Istruzioni • Manual de Instruções

ENGLISH

Congratulations on your purchase of a Bushnell® ImageView® binocular. Before using the product, please read the instructions contained in this manual and take time to familiarize yourself with the different parts and features of the product.

PARTS AND NAMES



OPTICSPLANET

SYSTEM OPERATION

Power On

Capture	Movie Capture	Playback - Still	Playback-Movie
Push the option select switch to still camera mode.	Push the option select switch to movie mode.	Open the LCD monitor.	Open the LCD monitor.
Open the LCD monitor.	Open the LCD monitor.	Push the option select switch to still camera mode.	Push the option select switch to movie mode.
Adjust the focus knob.	Press the shutter button to start recording.	Press the display button.	Press the display button.
Press the shutter button.	Press the shutter button again to stop recording.	Use the operation panel to select an image.	Use the operation panel to select a movie.
	You can record up to a 30 second movie clip. If over 30 seconds, the binocular will keep the last 30 seconds.	Press the enter button (display function mode)	Press the enter button (display function mode)
		1. Thumbnail 2. Magnify 3. Management 4. Set Up 5. Exit	1. Thumbnail 2. Management 3. Set Up 4. Exit

Power On
AC adaptor/AA Battery

Image/Movie Export

- Open the terminal cover.
- Use the USB cable to connect.
- On this mode, the binocular becomes the external hard disk. Edit the movie or image(s) directly.
- Exit

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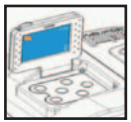
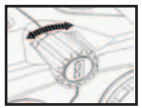
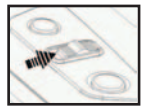
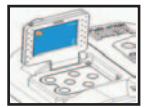
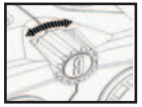
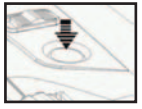
OPERATION GUIDE - Image Capture

Operating Procedure	Picture Description	Binocular Action
1. Press the Power Button		Use the power button to turn the binocular on and off. The LCD will turn off automatically to conserve power if it is left idle (no button or switches operated) for 2 minutes. The camera will turn off the main power to conserve energy if left idle for 5 minutes
2. Push the capture mode of the Option Select Switch to Still Camera Mode.		Now you can take images in capture mode. This procedure selects still image record/playback
3. Open the LCD Monitor		Compose images using either the monitor screen or binocular eyepieces. Focusing should always
4. Adjust the Center Focus Knob to make the image of your subject clear on the LCD monitor.		Turn the focus adjustment knob until the image on the monitor screen is clear.

Operating Procedure	Picture Description	Binocular Action
5. Press the shutter button to take the picture		The recorded image remains on the monitor for about one second, then restores the original mode.

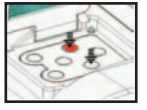
OPERATION GUIDE - Movie Capture

Operating Procedure	Picture Description	Binocular Action
1. Press the power button		Use the power button to turn the binocular on and off.The LCD will turn off automatically to conserve power if it is left idle (no button or switches operated) for 2 minutes. The camera will turn off the main power to conserve energy if left idle for 5 minutes
2. Push the Movie mode of the option select switch to Movie mode		Now you can record movies in Movie Mode. This procedure selects movie record/playback.
3. Open the LCD monitor		Compose images using either the monitor screen or binocular eyepiece. Focusing should always be done while viewing the LCD monitor.

Operating Procedure	Picture Description	Binocular Action
4. Adjust the Center Focus Knob to make the image of your subject clear on the LCD monitor.		Turn the focus adjustment knob until the image on the monitor screen is clear.
5. Press the shutter button.		Start to record movies.
6. Press the shutter button again.		Finish recording movie. (The movie length is 30 seconds maximum. The Instant Replay will continue to record over the previous movie until the shutter button is pressed for a second time to stop recording. Therefore, the internal memory will always contain the most recent 30 seconds of action recorded.)

OPERATION GUIDE - Playback Recorded Images

Operating Procedure	Picture Description	Binocular Action
1. Press the power button		Us e the power button to turn the binocular on and off.The LCD will turn off automatically to conserve power if it is left idle (no button or switches operated) for 2 minutes. The camera will turn off the main power to conserve energy if left idle for 5 minutes

Operating Procedure	Picture Description	Binocular Action
2. Push the capture mode of the option select switch to Still Camera Mode		Selects still image record/playback
3. Open the LCD monitor		View images using the monitor screen.
4. Press display button		The recorded image is displayed on the monitor
5. Use the ▲ ▼ buttons on the operation panel to select the image to be played.		Display the previous or next image stored in the binocular.
6. Press the enter button for additional playback functions		Playback Function items appear on the right of the screen
7. Use the ▲ ▼ buttons on the operation panel to select the desired function		Select the function on the screen.

8. Press the enter button

Display Function items appear on the right of the screen.

OPERATION GUIDE - Functions (Playback Recorded Images)

Operating Procedure

Thumbnail Function

Picture Description

Binocular Action

This displays 9 images on the monitor at the same time.

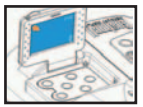
1. Use the buttons of the operation panel to select a specific image.

The currently selected image will be framed (highlighted).

2. Press the enter button

The specific image file is displayed on the monitor screen.

3. Press the enter button



Restore playback images mode

Operating Procedure

Magnify Function

Picture Description

Binocular Action

Display the recorded image.

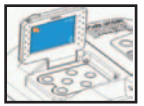
1. Press the enter button

Display the enlarged image currently.

2. Use the buttons of the panel to move the display area vertically or horizontally

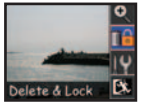
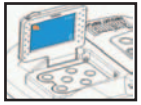
Zoom in on the image:
“Up Arrow”: The image moves up
“Down Arrow”: Image moves down
“Left Arrow”: Image moves left
“Right Arrow”: Image moves right

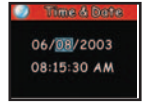
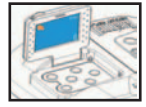
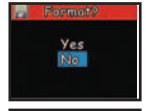
3. Press the enter button

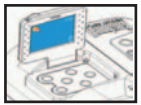
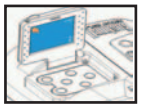


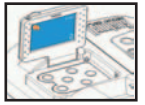
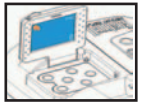
Restore playback images mode

OPTICSPLANET

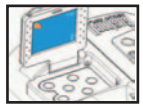
Operating Procedure	Picture Description	Binocular Action
Delete and Lock Function		Display the file management screen
1. Use the buttons on the operation panel to select the managing file option		Use the “Up Arrow” and “Down Arrow” buttons to select the images. Use the “Left Arrow” and “Right Arrow” buttons to select [Exit – Delete – Lock] option
2. Press the enter button		Go back to playback images mode
Set-Up Function		You cannot enter the Set-Up Function if no memory card is inserted
1. Press the display button		Display the setting screen
2. Press the enter button		If a memory card has been inserted, press the enter button, the use the direction arrow buttons to select the settings

Operating Procedure	Picture Description	Binocular Action
Set-Up Function - cont’d **Time and Date**		The Time and Date Setting shows on the screen. Change the number at the highlighting position.
1. Use the buttons on the operation panel to set the Time and Date		Use the “Left Arrow” and “Right Arrow” buttons to select the highlighting position. And use the “Up Arrow” and “Down Arrow” buttons to change the number.
2. Press the enter button		Go back to still image playback mode
Format CF		The “Format CF” setting shows on the screen. Set items at the highlighting position.
1. Use the buttons on the operation panel to select Yes or No.		Yes – Format CF Card No – Cancel Format
2. Press the enter button		Go back to image playback mode

Operating Procedure	Picture Description	Binocular Action
Video Out		The Video Out setting shows on the screen. The default is NTSC (US/Japan video standard)
1. Use the ⬆ ⬇ buttons on the operation panel to select the Video Out setting		Choose PAL if applicable to your country (most European and Asian countries)
2. Press the enter button		Go back to image playback mode.
Resolution		The resolution setting shows on the screen. The default is 1600x1200.
1. Us the ⬆ ⬇ buttons on the operation panel to select resolution setting.		The resolution setting shows on screen. The current setting is 800x600.
2. Press the enter button		Go back to playback images mode

Operating Procedure	Picture Description	Binocular Action
Sound		The key sound setting shows on the screen. The default is on.
1. Use the ⬆ ⬇ buttons on the operation panel to select sound setting.		The key sound setting shows on the screen. The current setting is off.
2. Press the enter button		Go back to playback images Mode
Panel Brightness		The panel brightness setting shows on the screen. The current brightness is identified by the arrowhead.
1. Use the ⬆ ⬇ buttons on the operation panel to select resolution setting.		The panel brightness is controlled by the arrowhead.
2. Press the enter button		Go back to playback images mode
Exit		Restore the capture mode

OPERATION GUIDE - Playback Recorded Movies

Operating Procedure	Picture Description	Binocular Action
1. Press the power button		Use the power button to turn the binocular on and off.The LCD will turn off automatically to conserve power if it is left idle (no button or switches operated) for 2 minutes. The camera will turn off the main power to conserve energy if left idle for 5 minutes.
2. Push the Movie mode of the option select switch to Movie Mode		Selects Movie record/playback
3. Open the LCD monitor		View movie using the monitor screen.
4. Press display button		The recorded movie is displayed on the monitor

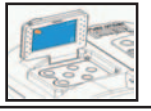
Operating Procedure	Picture Description	Binocular Action
5. Use the “Right Arrow” button on the operation panel to play the movie		Monitor screen is playing. When the movie is finished it will return to the last scene.
6. Press the enter button		Display Function items appear on the right of the screen

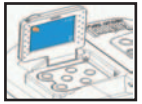
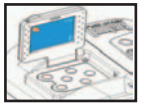
OPERATION GUIDE - Functions (Playback Recorded Movies)

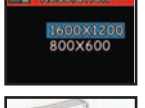
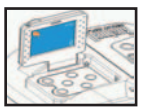
Thumbnail Function

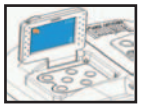
		This displays 9 movies on the monitor at the same time.
1. Use the buttons of the operation panel to select the movie.		The currently selected movie will be framed (highlighted).
2. Press the enter button		The recorded movie is displayed on the monitor screen.

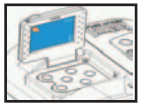
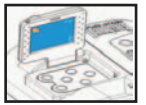
Operating Procedure	Picture Description	Binocular Action
3. Use the ▶ button on the operation panel to play the movie.		The monitor displays “Loading Movie” for about 1 second and then plays the movie
4. Use the ▲ ▼ buttons to select the movie		The recorded movie is displayed on the monitor
5. Use the ▶ button on the operation panel to play the movie		The monitor displays “Loading Movie” for about 1 second and then plays the movie
6. Press the enter button		Go back to movie playback mode

Operating Procedure	Picture Description	Binocular Action
Delete and Lock Function		Display the file management screen
1. Use the buttons on the operation panel to select the managing file option		Use the ▲ ▼ buttons to select the movie. Use the ◀ ▶ buttons to select [Exit–Delete–Lock] option
2. Press the enter button		Go back to movie playback mode
Set-Up Function		You can’t enter the Set-Up Function if no memory card is inserted
1. Press the display button		Display the setting screen
2. Press the enter button		If a memory card has been inserted, press the enter button, then use the direction arrow buttons to select the settings

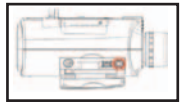
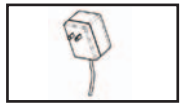
Operating Procedure	Picture Description	Binocular Action
Time and Date		The Time and Date Setting shows on the screen. Change the number at the highlighting position.
1. Use the buttons on the operation panel to set the Time and Date		Use the ◀ ▶ buttons to select the highlighting position. And use the ▲ ▼ buttons to change the number.
2. Press the enter button		Go back to still movie playback mode
Format CF		The “Format CF” setting shows on the screen. Set items at the highlighting position.
1. Use the buttons on the operation panel to select Yes or No.		Yes – Format CF Card No – Cancel Format
2. Press the enter button		Go back to movie playback mode

Operating Procedure	Picture Description	Binocular Action
Video Out		The Video Out setting shows on the screen. The default is NTSC (US/Japan video standard)
1. Use the ▲ ▼ buttons on the operation panel to select the Video Out setting		Choose PAL if applicable to your country (most European and Asian countries)
2. Press the enter button		Go back to movie playback mode.
Resolution		The resolution setting shows on the screen. The default is 1600x1200.
1. Use the ▲ ▼ buttons on the operation panel to select resolution setting.		The resolution setting shows on screen. The current setting is 800x600.
2. Press the enter button		Go back to movie playback mode

Operating Procedure	Picture Description	Binocular Action
Sound		The key sound setting shows on the screen. The default is on.
1. Use the ▲ ▼ buttons on the operation panel to select sound setting.		The key sound setting shows on the screen. The current setting is off.
2. Press the enter button		Go back to movie playback Mode

Operating Procedure	Picture Description	Binocular Action
Panel Brightness		The panel brightness setting shows on the screen. The current brightness is identified by the arrowhead.
1. Use the ▲ ▼ buttons on the operation panel to select resolution setting.		The panel brightness is controlled by the arrowhead.
2. Press the enter button		Go back to movie playback Mode
Exit		Restore the movie capture mode

OPERATION GUIDE - Play Back on Television

Operating Procedure	Picture Description	Binocular Action
1. Connect to the TV		Make sure that the power of TV and camera are turned off.
2. Open terminal cover of the device and connect video cable to AV out port.		
3. Connect the other end of video cable to the video in port on the TV		
4. Connect to the AC adaptor (or battery)		While playing images on the TV, the AC adaptor can be powered by any household power outlet to support the device.
5. Press the Power button		
6. Press the TV power		

Disconnect:

1. Make sure the camera power is turned off.
2. Remove the video cable.

OPERATION GUIDE - Low Battery Status

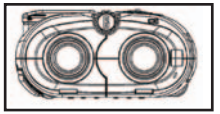
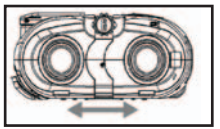
1. Press the Power button

2. If the battery capacity goes low, the battery symbol on the screen will flash, a warning beep will be sent out and LED will flash.

3. If the batteries go dead, the battery symbol will appear on the screen and the device will send out a warning beep. Please recharge the battery immediately.

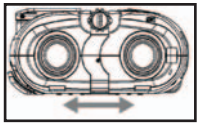
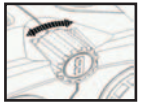
OPTICSPLANET

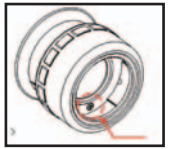
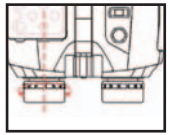
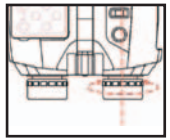
BINOCULAR INSTRUCTIONS - IPD Adjustment (Eye Spacing Adjustment)

Operating Procedure	Picture Description	Binocular Action
How to Adjust for Distance Between Your Eyes – The distance between the eyes, called Interpupillary Distance (IPD), varies from person to person. To achieve perfect alignment of the lens to the eye, follow these simple steps.		
1. Hold your binocular in the normal viewing position		According to the user's interpupillary distance, adjust for the distance between your eyes
2. Grasping your binocular firmly, move it horizontally until you see a single circular field.		Your binocular is fitted with eyecups designed for your comfort and to exclude extraneous light.

BINOCULAR INSTRUCTIONS - Diopter Adjustment (Focusing)

How to Adjust for Individual Eye Strength – As individual eyesight varies from one person to another, most binoculars have a diopter setting feature which allows you to fine-tune the binoculars to your vision. The camera and binocular are set up to be in focus for people with 20/20 vision or corrected vision. You may need to adjust the left eye to match the camera as well as the right eye as you would do with most binoculars. Follow the focusing instructions below for your type of binocular.

Operating Procedure	Picture Description	Binocular Action
a. Press the power button		Use the power button to turn the binocular on and off. The binocular will turn off automatically to conserve power if it is left idle (no button or switches operated) for 2 minutes.
b. Adjust the interpupillary distance		According to the user's interpupillary distance, adjust for distance between your eyes
c. Open the LCD monitor		Compose images using wither the monitor screen or the binocular eyepieces
d. Adjust the Focus adjustment knob to make the image clear		Turn the focus adjustment knob until the image on the monitor screen is clear.
e. Look through binocular at the same object that the camera is focused on. If the object is clear for you left eye proceed to step g and then h. If object is not clear in the left eye proceed to step f and then g and h.		

Operating Procedure	Picture Description	Binocular Action
f. Turn the screw to relax with a screw driver		Allow your eyesight to adjust slightly (Left eye first)
g. Adjust left eye slightly.		Adjust the diopter to find the clearest focus
h. Adjust the right eye slightly.		Adjust to find the clearest focus If both barrels of the binocular are in sync with the each other and with the camera, than you only have to turn the center focus knob to adjust the focus for all three.

After adjusting, you can see objects clearly. A different user can adjust to fit his or her needs.
The binocular is now set up for your individual eye sight. The eyepiece adjustments will not affect the camera focus.

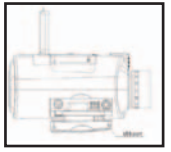
Connecting to PC Instructions (Install CD)

If your computer system is Windows ME, Win2000, or Win XP, please skip over this process (the drive is only necessary for Windows 98)

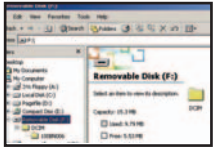
Operating Procedure	Picture Description	Binocular Action
1. Turn your computer on.		
2. Put the CD into CD-Rom and system will auto-run.		Your computer monitor will show the Install image.
3. Select “Install Driver” to install software. This will install the driver on your computer.		Your computer monitor will show a welcome image.
4. Select “Next” to continue.		
5. Select the item to install and click the “Install” icon on your computer monitor.		
6. Select the item to complete. Exit the install image. Click on the Finish Icon.		

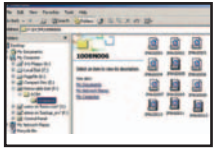
YOU WILL NEED TO RESTART YOUR COMPUTER AFTER INSTALLATION IS FINISHED AND BEFORE CONNECTION CAMERA AND USB CABLE.

Connecting to PC Instructions (USB Connection)

Operating Procedure	Picture Description	Binocular Action
a. Connect the USB cable securely from the Instant Replay USB port to your computer.		The PC window will show "A New Hard Disk Is Found" On this mode the binocular becomes the external hard disk – Edit the movies and images directly
b. Press the Power button on the Instant Replay.		

c. The Instant Replay will be recognized as a new (USB) storage device, essentially no different from an external hard drive, which contains your still image and movie files. Using Windows Explorer or "My Computer", you may view the contents of the Instant Replay CF card/internal memory, clicking on any of the files to view your images and movies. You may save them to your internal hard drive individually, after opening and viewing them in Microsoft Photo Editor or another graphics program. Or you may wish to select some or all of the Instant Replay's files in Explorer and drag or copy/paste them to a folder on your hard drive, just as you wold any normal files.





Operating Procedure	Picture Description	Binocular Action
3. Transfer the movies and images to the computer		The monitor shows that it is transferring the files to the selected folder
4. Exit		Pick the icon of task tray on your computer screen and select exit to disconnect the USB cable.

TWO-YEAR LIMITED WARRANTY

Your Bushnell® product is warranted to be free of defects in materials and workmanship for two years after the date of purchase. In the event of a defect under this warranty, we will, at our option, repair or replace the product, provided that you return the product postage prepaid. This warranty does not cover damages caused by misuse, improper handling, installation, or maintenance provided by someone other than a Bushnell Authorized Service Department.

Any return made under this warranty must be accompanied by the items listed below:

1) A check/money order in the amount of $10.00 to cover the cost of postage and handling
2) Name and address for product return
3) An explanation of the defect
4) Proof of Date Purchased
5) Product should be well packed in a sturdy outside shipping carton, to prevent damage in transit, with return postage prepaid to the address listed below:

IN U.S.A. SEND TO:
Bushnell Performance Optics
Attn.: Repairs
8500 Marshall Drive
Lenexa, Kansas 66214

IN CANADA SEND TO:
Bushnell Performance Optics
Attn.: Repairs
25A East Pearce Street, Unit 1
Richmond Hill, Ontario L4B 2M9

For products purchased outside the United States or Canada please contact your local dealer for applicable warranty information. In Europe you may also contact Bushnell at:

BUSHNELL Performance Optics Gmbh
European Service Centre
MORSESTRASSE 4
D- 50769 KÖLN
GERMANY
Tél: +49 (0) 221 709 939 3
Fax: +49 (0) 221 709 939 8

This warranty gives you specific legal rights.
You may have other rights which vary from country to country.
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Manuel D'instructions

Model: 18-0832
LIT. #: 98-0377/01-04