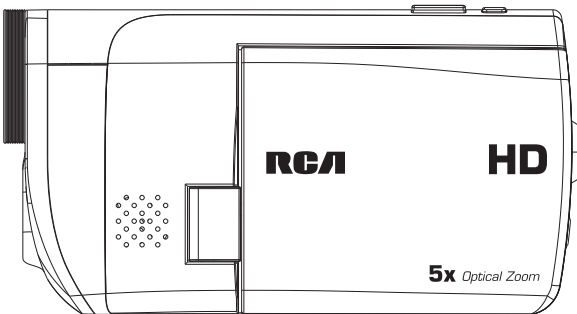




user **manual**

EZ5000 series

EZ5100 series





It is important to read this user manual prior to using your new product for the first time.

Important safety instructions

IMPORTANT SAFETY INSTRUCTIONS

PLEASE READ AND SAVE FOR FUTURE REFERENCE

 <p>THE LIGHTNING FLASH AND ARROWHEAD WITHIN THE TRIANGLE IS A WARNING SIGN ALERTING YOU OF "DANGEROUS VOLTAGE" INSIDE THE PRODUCT.</p>	CAUTION RISK OF ELECTRIC SHOCK DO NOT OPEN CAUTION: TO REDUCE THE RISK OF ELECTRIC SHOCK, DO NOT REMOVE COVER (OR BACK). NO USER-SERVICEABLE PARTS INSIDE. REFER SERVICING TO QUALIFIED SERVICE PERSONNEL.	 <p>THE EXCLAMATION POINT WITHIN THE TRIANGLE IS A WARNING SIGN ALERTING YOU OF IMPORTANT INSTRUCTIONS ACCOMPANYING THE PRODUCT.</p>
SEE MARKING ON BOTTOM / BACK OF PRODUCT		

WARNING: TO PREVENT FIRE OR ELECTRICAL SHOCK HAZARD, DO NOT EXPOSE THIS PRODUCT TO RAIN OR MOISTURE.

Some of the following information may not apply to your particular product; however, as with any electronic product, precautions should be observed during handling and use.

- Read these instructions.
- Keep these instructions.
- Heed all warnings.
- Follow all instructions.
- Do not use this apparatus near water.
- Clean only with dry cloth.
- Do not install near any heat sources such as radiators, heat registers, stoves, or other apparatus (including amplifiers) that produce heat.
- Only use attachments/accessories specified by the manufacturer.
- Refer all servicing to qualified service personnel. Servicing is required when the apparatus has been damaged in any way, such as power-supply cord or plug is damaged, liquid has been spilled or objects have fallen into the apparatus, the apparatus has been exposed to rain or moisture, does not operate normally, or has been dropped.

ADDITIONAL SAFETY INFORMATION

- Apparatus shall not be exposed to dripping or splashing and no objects filled with liquids, such as vases, shall be placed on the apparatus.
- Do not attempt to disassemble the cabinet. This product does not contain customer serviceable components.
- The marking information is located at the bottom of apparatus.
- Connect power cord only to AC power source as marked on the product.
- Care should be taken so that objects do not fall into the product.
- Do not attempt to disassemble the cabinet. This product does not contain customer serviceable components.

Important battery information

Warning: Your product contains a battery and charging system which is designed to work in temperatures that do not exceed 50°C (122°F). Leaving this product in a closed automobile or the trunk of an automobile where temperatures may exceed 50°C may result in permanent battery damage, fire, or explosion. Please remove your product from the automobile when you exit, do not place your product in the trunk of your automobile, and do not leave your product in any location where temperatures may exceed 50°C.

To minimize the risk of fire, explosion, or chemical burn, observe the following precautions:

- Do not use an unauthorized battery. Use only the rechargeable battery that came with your product or that is listed in the user's guide.
- Do not attempt to open the rechargeable battery or battery pack. There are no user serviceable parts inside.
- Before you discard the battery, cover the terminal with tape or other insulators.
- Do not use unauthorized chargers or power adapters. Use only chargers that came with your product or that is listed in the user's guide.

Caution: Danger of explosion if battery is incorrectly replaced. Replace only with the same or equivalent type.

In the event that a battery leaks and the eyes, mouth, skin or clothing contacts these substances, immediately flush with water and seek medical assistance.



The RBRC seal on the rechargeable battery used in this product indicates that we are participating in a program to collect and recycle the rechargeable battery. For more information, go to the RBRC web site at www.rbrc.org, or call 1-800-8-BATTERY (1-800-822-8837), or contact a local recycling center.

Precautions for the unit

- Do not use the unit immediately after transportation from a cold place to a warm place; condensation problems may result.
- Do not store the unit near fire, places with high temperature or in direct sunlight. Exposure to direct sunlight or extreme heat (such as inside a parked car) may cause damage or malfunction.
- Do not expose to rain or moisture.
- Clean the unit with a soft cloth or a damp chamois leather. Never use solvents.
- The unit must only be opened by qualified personnel.

FCC Information

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 a Class B digital device, pursuant to Part 15 of 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:

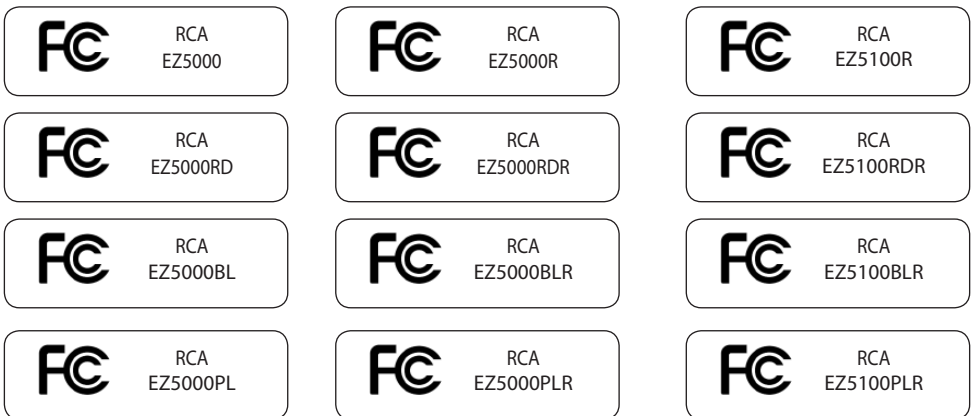
- Reorient or relocate the receiving antenna.
- Increase the separation between the equipment and receiver.
- Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
- Consult the dealer or an experienced radio/TV technician for help.

Changes or modifications not expressly approved by Audiovox could void the user's authority to operate the equipment.

Manufacturer/Responsible Party
Audiovox Accessories Corporation
111 Congressional Blvd., Suite 350
Carmel, IN 46032

1-317-810-4880 (No technical /product support is available via this number. This phone number is for regulatory matters only.)

Visit www.mysmallwonder.com for technical support



This Class B digital apparatus complies with Canadian ICES-003.
Cet appareil numérique de la classe B est conforme à la norme NMB-003 du Canada.

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End user license agreement

This is a copy of the EULA that you need to agree to in order to use this product.



End user license agreement

THIS END USER LICENSE AGREEMENT (THIS "EULA") IS A LEGAL AGREEMENT BETWEEN YOU AND AUDIOVOX CORPORATION AND, AS APPLICABLE, ANY AUDIOVOX SUBSIDIARY, AS DEFINED BELOW (COLLECTIVELY "AUDIOVOX"), FOR THE RCA BRANDED PORTABLE DIGITAL AUDIO/VIDEO DEVICE APPLICATION/DRIVER SOFTWARE PROGRAM WHICH MAY INCLUDE ASSOCIATED SOFTWARE COMPONENTS, SOFTWARE LICENSED BY AUDIOVOX FROM THIRD PARTIES ("LICENSORS") AND ASSOCIATED DOCUMENTATION, IF ANY (COLLECTIVELY, THE "PROGRAM"). THIS EULA CONTAINS IMPORTANT LEGAL LIMITATIONS, RESTRICTIONS AND DISCLAIMERS, AND ALSO SPECIFIES THE DURATION OF YOUR LICENSE.

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1. LICENSE

- (a) Under this EULA, you are granted a non-exclusive, non-sublicenseable, non-assignable and non-transferable (except as expressly set forth below) license (i) to use and install the Program on a single workstation, and (ii) to make one (1) copy of the Program into any machine-readable form for backup of the Program, provided the copy contains all of the original Program's proprietary notices.
- (b) You may transfer the Program and license to another party only as a part of the RCA branded Portable Digital Audio/Video Device ("A/V Device"), and only if the other party agrees to accept the terms and conditions of this EULA. If you transfer the Program, you must at the same time either transfer all copies to the same party or destroy any copies not transferred.
- (c) The terms of this EULA will govern any software upgrades or updates provided by AUDIOVOX that replace and/or supplement the original Program, unless such upgrade or update is accompanied by separate license terms and conditions in which case the terms of that separate license will govern. You acknowledge and agree that AUDIOVOX may automatically download upgrades or updates to the Program software to your computer in order to update, enhance, and/or further develop the Program.

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- (a) Except for the licenses expressly granted to you in this EULA, no other licenses or rights are granted or implied.
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- (c) The Program may contain pre-release code that does not perform at the level of a final code release. In such case, the Program may not operate properly. Updated versions of the Program may be downloaded from www.rcaaudiovideo.com/downloads
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3. TERM AND TERMINATION

- (a) Your license is effective on the date you accept this EULA and remains in effect until this EULA is terminated by either party.
- (b) You may terminate this EULA and the associated license, without any notice or delay, by destroying or permanently erasing the Program and all copies thereof.
- (c) If you fail to comply with any of the terms of this EULA, in whole or part, your license will automatically terminate

without notice from AUDIOVOX.

- (d) Upon termination of this EULA and your associated license, you shall cease all use of the Program and destroy or permanently erase the Program and all full or partial copies thereof.

4. WARRANTY DISCLAIMER

THE PROGRAM IS PROVIDED "AS IS" WITHOUT WARRANTY OF ANY KIND, EITHER EXPRESSED OR IMPLIED, INCLUDING, BUT NOT LIMITED TO THE IMPLIED WARRANTIES OF MERCHANTABILITY, FITNESS FOR A PARTICULAR PURPOSE, TITLE OR NON-INFRINGEMENT. THE ENTIRE RISK AS TO THE QUALITY AND PERFORMANCE OF THE PROGRAM IS WITH YOU. SHOULD THE PROGRAM PROVE DEFECTIVE, YOU (AND NOT AUDIOVOX, ITS SUPPLIERS, OR ITS DEALERS) ASSUME THE ENTIRE COST FOR ALL NECESSARY REPAIR OR CORRECTION.

This exclusion of warranty may not be allowed under some applicable laws. As a result, the above exclusion may not apply to you, and you may have other rights depending on the law that applies to you.

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(a) TO THE MAXIMUM EXTENT PERMITTED BY APPLICABLE LAW, IN NO EVENT SHALL AUDIOVOX, OR ITS DEALERS BE LIABLE FOR ANY SPECIAL, INCIDENTAL, INDIRECT, OR CONSEQUENTIAL DAMAGES WHATSOEVER (INCLUDING, WITHOUT LIMITATION, DAMAGES FOR LOSS OF PROFITS, BUSINESS INTERRUPTION, CORRUPTION OF FILES, LOSS OF BUSINESS INFORMATION, OR ANY OTHER PECUNIARY LOSS) REGARDLESS OF CAUSE OR FORM OF ACTION, INCLUDING CONTRACT, TORT, OR NEGLIGENCE, ARISING OUT OF YOUR USE OF OR INABILITY TO USE THE PROGRAM, EVEN IF AUDIOVOX HAS BEEN ADVISED OF THE POSSIBILITY OF SUCH DAMAGES. BECAUSE SOME STATES AND JURISDICTIONS DO NOT ALLOW THE EXCLUSION OR LIMITATION OF LIABILITY OF CONSEQUENTIAL OR INCIDENTAL DAMAGES, THE ABOVE LIMITATION MAY NOT APPLY TO YOU.

(b) YOU ASSUME RESPONSIBILITY FOR THE SELECTION OF THE APPROPRIATE PROGRAM TO ACHIEVE YOUR INTENDED RESULTS, AND FOR THE INSTALLATION, USE, AND RESULTS OBTAINED.

7. THIRD PARTY SOFTWARE

ANY THIRD PARTY SOFTWARE THAT MAY BE PROVIDED WITH THE PROGRAM IS INCLUDED FOR USE AT YOUR OPTION. IF YOU CHOOSE TO USE SUCH THIRD PARTY SOFTWARE, THEN SUCH USE SHALL BE GOVERNED BY SUCH THIRD PARTY'S LICENSE AGREEMENT, AN ELECTRONIC COPY OF WHICH WILL BE INSTALLED IN THE APPROPRIATE FOLDER ON YOUR COMPUTER UPON INSTALLATION OF THE SOFTWARE. AUDIOVOX IS NOT RESPONSIBLE FOR ANY THIRD PARTY'S SOFTWARE AND SHALL HAVE NO LIABILITY FOR YOUR USE OF THIRD PARTY SOFTWARE.

8. GOVERNING LAW

If you acquired this A/V Device in the United States, this EULA shall be governed and construed in accordance with the laws of the State of Indiana, U.S.A. without regard to its conflict of laws principles. If you acquired this A/V Device outside the United States or the European Union, then local law may apply.

9. GENERAL TERMS

This EULA can only be modified by a written agreement signed by you and AUDIOVOX, and changes from the terms and conditions of this EULA made in any other manner will be of no effect. If any portion of this EULA shall be held invalid, illegal, or unenforceable, the validity, legality, and enforceability of the remainder of the Agreement shall not in any way be affected or impaired thereby. This EULA is the complete and exclusive statement of the agreement between you and AUDIOVOX, which supersedes all proposals or prior agreements, oral or written, and all other communications between you and AUDIOVOX, relating to the subject matter of this hereof. AUDIOVOX'S Licensors shall be considered third party beneficiaries of this Agreement and shall have the right to enforce the terms herein.

"AUDIOVOX SUBSIDIARY" shall mean any person, corporation, or other organization, domestic or foreign, including but not limited to subsidiaries, that is directly or indirectly controlled by Audiovox Corporation including, but not limited to, Audiovox Consumer Electronics, Inc. and Audiovox Electronics Corporation. For purposes of this definition only, the term "control" means the possession of the power to direct or cause the direction of the management and policies of an entity, whether by ownership of voting stock or partnership interest, by contract, or otherwise, including direct or indirect ownership of at least fifty percent (50%) of the voting interest in the entity in question.

Getting started

Dear RCA customer,

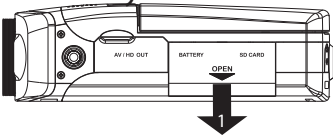
Thank you for purchasing the RCA Small Wonder Camcorder. This product will let you record videos with high definition quality. You can also manage your recordings on your computer with the RCA Memory Manager included with this product.

To start using your camcorder, please follow the setup instructions in the following pages.

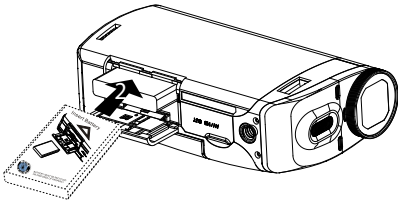
1. Content of the box

- Small Wonder Camcorder
- AC/DC adapter
- USB cable
- AV cable
- Carrying case
- Hand strap
- Quick Start Guide
- Owner Registration card
- Warranty leaflet

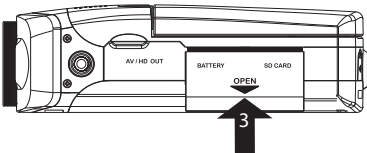
2. Battery Installation



1. Push to unlock and lift up the cover.



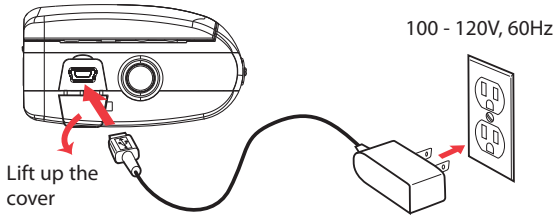
2. Observe the polarities and insert the battery until a click sound is heard.



3. Press and slide to lock the cover.

3. Charging the battery

- Please charge the battery for at least 3 hours before first use.
- Charging is faster when the camcorder is switched off.
- The battery can also be charged by connecting to a PC with a USB cable. Refer to page 25 for more information.



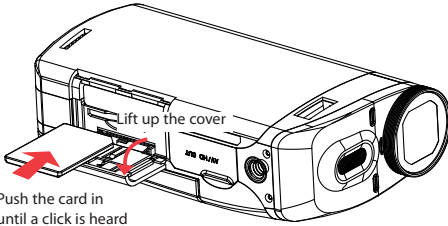
- Use only the provided AC/DC charger
- Image is for reference only, the AC/DC adapter shown in the image may vary from the actual product.
- Once the battery is fully charged, the maximum recording times are approximately as follows*:

EZ5000 series	EZ5100 series
122 minutes of HD video	92 minutes of HD video
128 minutes of Sports video	112 minutes of Sports video
147 minutes of WebQ video	134 minutes of WebQ video
999 photos	931 photos

* For reference only – actual battery life may vary with different cards and video contents.

4. Inserting SD memory card

- A SD memory card (not included) is recommended for recording as the camcorder internal memory will only permit minutes of recording time.



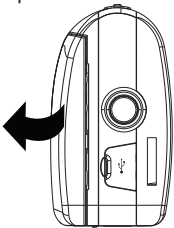
- The card icon (📁) appears on the screen with memory card inserted.
- To remove card, push card in until a click is heard, then slowly release the card. As card is under minimal tension when locked in memory slot, please use care when removing.

- The camcorder has internal memory which only permits minutes of recording time. A SD memory card is recommended for recording.
- Recordings are saved in the internal memory when SD memory card is not installed.
- Once SD memory card is inserted, new recordings will be saved on the memory card.
- In playback mode, the camcorder will playback recordings stored in the SD memory card. To playback recordings in the internal memory, remove the SD card.

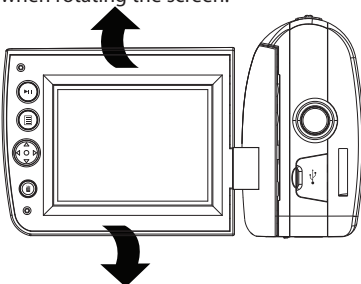


5. Opening and rotating the LCD screen

- Open the LCD screen 90 degrees carefully.

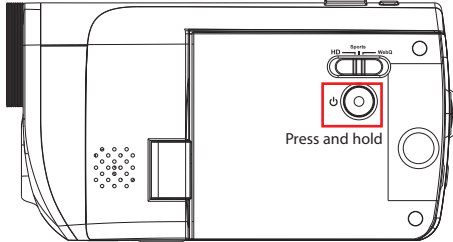


- Rotate the LCD screen to the best angle to record or playback. The LCD screen can be rotated 180 degrees to the lens side and 90 degree to the USB side.
- Rotate the LCD Screen carefully as illustrated. Do not over rotate the screen or apply excessive force when rotating the screen.

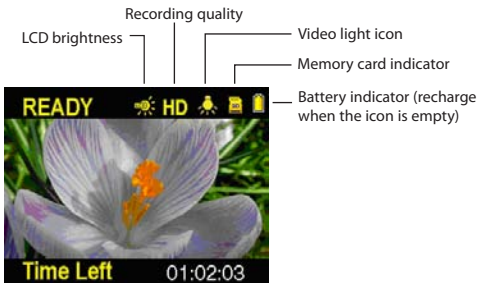


6. Turning on the camcorder

- Open the LCD screen and press the power switch ϕ until the camcorder turns on.



- "Ready" shows on the LCD screen when the camcorder is ready for recording.



- Press and hold power switch ϕ to turn off camcorder.
- The camcorder will automatically turn off after 3 minutes if not in use.
- Refer to the following pages for more information on recording and other operations.

7. Resetting the camcorder

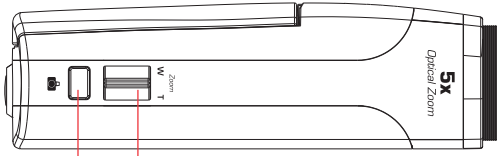
- If the player stops operating properly, you can reset it by removing and re-installing the battery.

8. Setting date and time

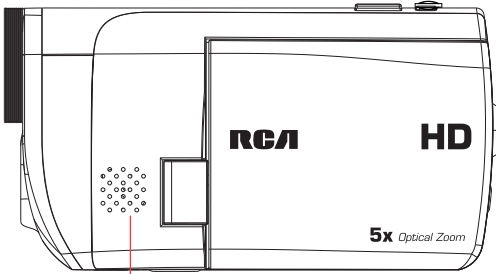
- It is recommended to set the date and time before using the camcorder. Refer to "Menu settings" on page 23 for more information.

General controls

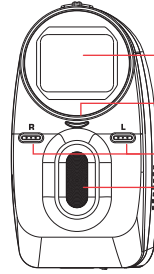
General controls



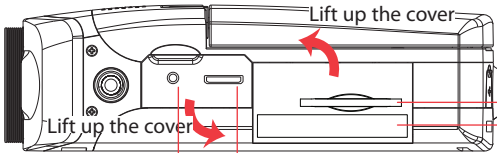
Take photo Zoom lever - zoom during record and preview



Audio speaker



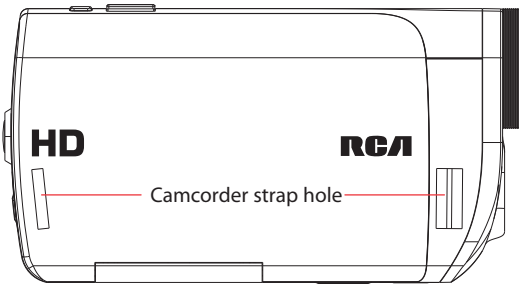
Lens
Recording indicator
Microphone
Video light



Lift up the cover
AV output
(Lift up the cover to access the connector)

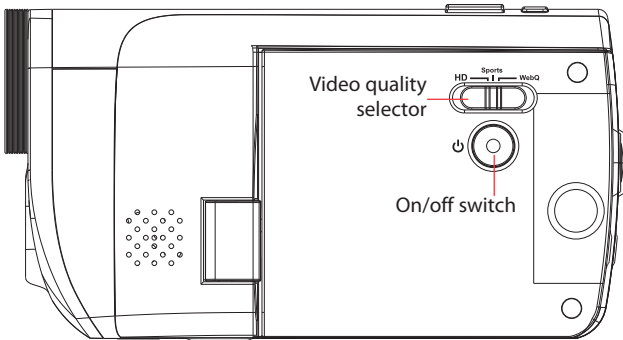
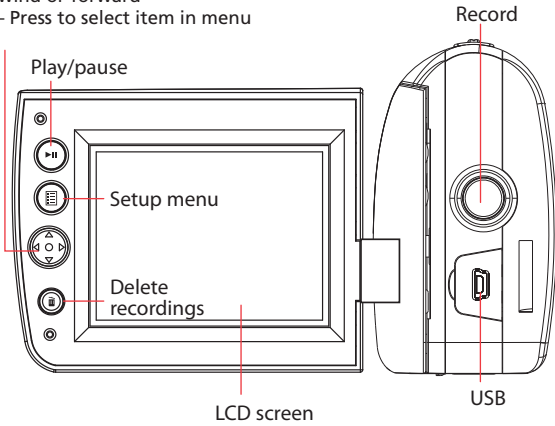
HDMI video output
(Lift up the cover to access the connector)

SD card slot (Lift up the cover to show the card slot)
Battery compartment (Lift up the cover to show the battery compartment)



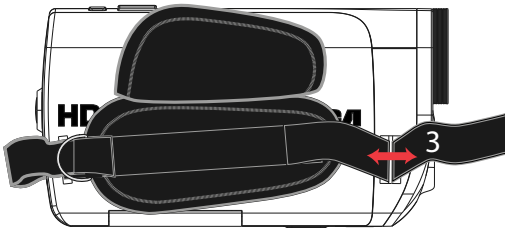
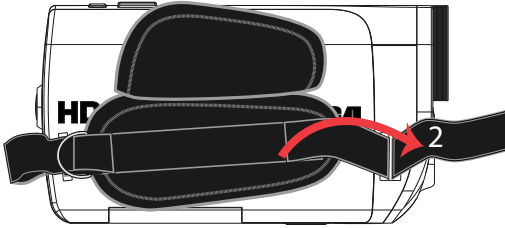
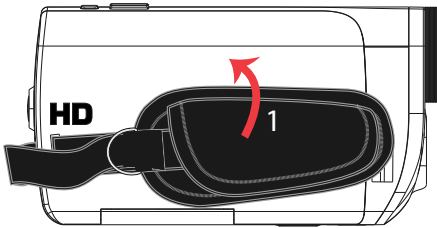
Camcorder strap hole

- ▲/▼ – Adjust volume during playback
- ▲ – Switch on /off the video light
- ▼ – Adjust the brightness of the LCD screen
- ◀/▶ – Skip to previous or next recording; fast
rewind or forward
- – Press to select item in menu



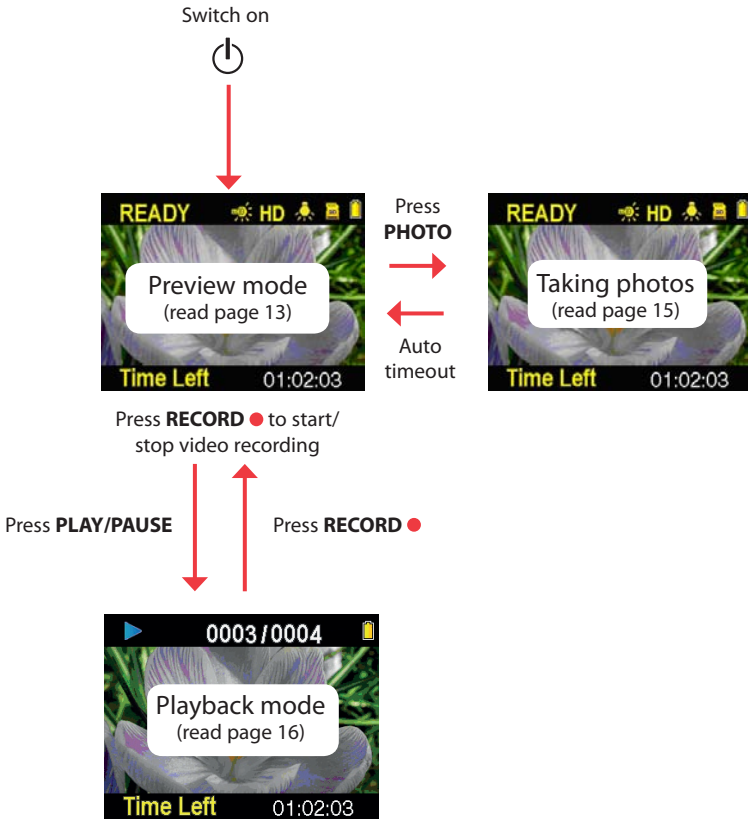
Adjusting the length of the hand strap

1. Separate the Velcro.
2. Release the strap from the Velcro hook side.
3. Pull the strap to the right to shorten the length of the hand strap or to the left to extend the length of the hand strap.
4. Press the strap back on the Velcro hook side and press the Velcro loop side on it.



Operation modes

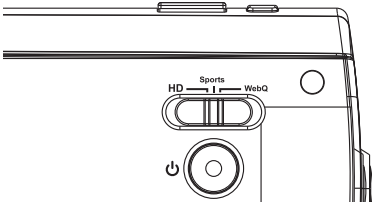
There are two basic modes for operating the camcorder: Preview and Playback. The camcorder will always enter into Preview mode after switched on. Refer to the diagram below for switching between modes and read relevant sections in the user manual for detailed operations.



Recording videos

Recording quality

- Slide the Video Quality selector to select the recording quality. The selected setting (HD, Sports or WebQ) appears on the display screen during recording.



Quality settings

Settings	Recommended for:	Resolutions (pixel) and Frame Rate (FPS)	Approx. recording durations on a 32GB memory card*
HD (High Definition mode) (EZ5000 series)	Viewing on TV & Best video quality	1280 x 720 @ 30fps	Up to 16 hours
HD (High Definition mode) (EZ5100 series)	Viewing on TV & Best video quality	1440 x 1080 @ 30fps	Up to 10 hours
Sports mode	Viewing on TV & Capturing fast movements	848 x 480 @ 60fps	Up to 16 hours
WebQ (Web Quality mode)	Uploading to and viewing on the web	320 x 240 @ 30fps	Up to 80 hours

It is recommended to use Class 4 or higher memory cards for recording.

* Actual recording time and capacity will vary depending on type of video content being recorded, system requirements, and other factors.

Light conditions can greatly affect the quality of your videos. You can set to optimize the performance of the camcorder under different light sources. Refer to "Menu settings" for more information.



QuickTime and the QuickTime logo are trademarks or registered trademarks of Apple Computer, Inc., used under license therefrom.

Recording videos

1. In Preview mode, press the red **RECORD** ● button to begin recording.



Video recording indicator



— Elapsed time

- While recording, the red recording light on the camcorder front turns on.
2. Press **PLAY/PAUSE** to pause a recording.
- A pause indicator **II** replaces the red ● at the top left corner of the screen.
 - To resume recording, press **PLAY/PAUSE**.
3. Press zoom lever to zoom in or out before or during recording.
4. Press ▲ to switch on or off the video light. To help you focus in dark places, switch the video light on.

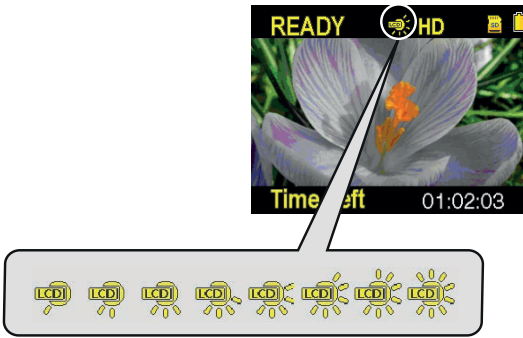


Video light on



Video light off

5. Press ▼ to adjust the brightness of the LCD screen.
You can select among 8 levels of brightness. The brightness icon will be displayed accordingly.



6. Press the red **RECORD** ● button to stop recording.

Taking photos

To take photos

1. In Preview mode, press **PHOTO** to take photos.



- The resolution of the photos is 12.0 mega pixel which is interpolated from 5 mega pixel sensor for EZ5100. The resolution of the photos is 8.0 mega pixel which is interpolated from 5 mega pixel sensor for EZ5000.
2. After taking photos, wait for few seconds timeout to return to Preview mode.
 3. Press **▲** to switch on or off the video light. To help you focus in dark places, switch the video light on.



Video light on



Video light off

Playback mode

Playing back recordings

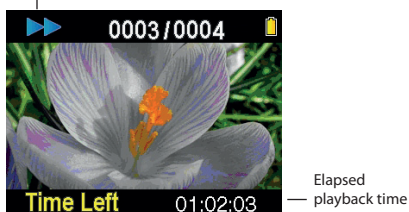
1. Press **PLAY/PAUSE** to enter Playback mode and start playback of the most recent recording (video/photo).

Playback indicator Current file number/Total number of files



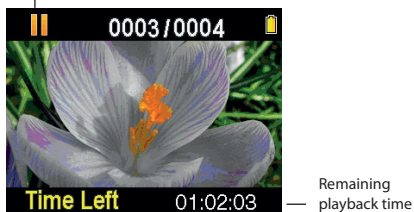
2. Press ▲ / ▼ during playback to adjust volume (video only).
3. Hold down ◀ or ▶ to fast rewind or forward the selected video during playback.

Fast forward indicator



4. Press **PLAY/PAUSE** to pause playback.
- Press **PLAY/PAUSE** again to resume playback.

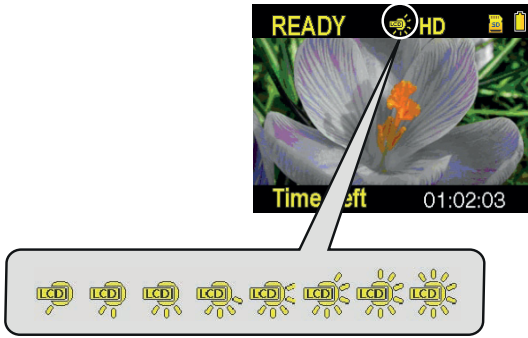
Pause indicator



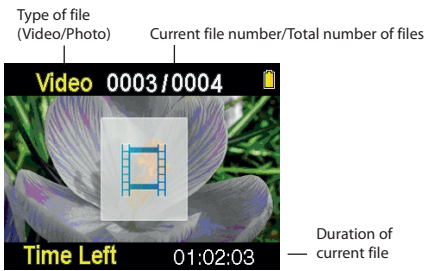
Press and hold **PLAY/PAUSE** for three seconds to play all recordings.



- 5. Press ▼ to adjust the brightness of the LCD screen.
You can select among 8 levels of brightness. The brightness icon will be displayed accordingly.



- 6. To select another video, press ◀ or ▶ to cue the previous or next video.



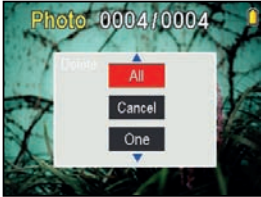
- 7. If no video is selected after playback has finished, Preview mode will resume after 2 minutes.
- You may also press **PHOTO** to go to Preview mode after playback, or press the red **RECORD** ● button to return to Preview mode.

Deleting

Deleting recordings

To delete the last recording:

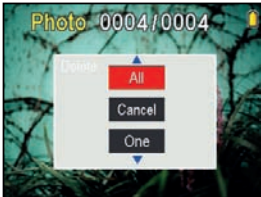
1. Press **DELETE** and press ▲ / ▼ to select **One**.





2. Press the center of  button to confirm delete.

To delete all recordings:




1. Press **DELETE** and press ▲ / ▼ to select **All**.

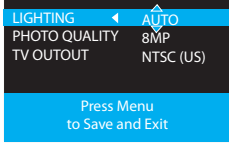





2. Press the center of  button.
3. Press ▲ / ▼ to select **Confirm** and press the center of  button to confirm delete all recordings.

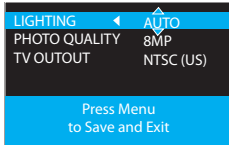
Menu settings



Using the camcorder menu

1. Press  to show the camcorder menu on the screen.
2. Press  /  to highlight a menu option.



3. Press  to enter the highlighted menu option.
4. Press  /  to change the setting.



5. Press  to exit the current menu option.
6. Press  to save settings and exit the camcorder menu.

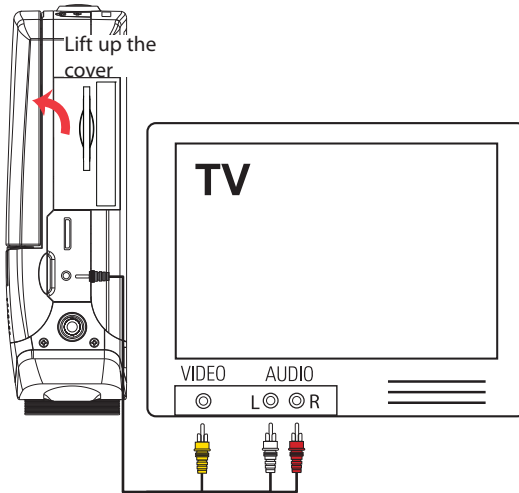
Menu options and settings

Menu options	Available settings
Lighting	Auto, Outdoor, Indoor, Low light
Photo Quality (EZ5000 series)	3MP, 5MP, 8MP
Photo Quality (EZ5100 series)	3MP, 5MP, 8MP, 12MP
TV Output	NTSC (US), PAL
Video Light	On, Off
Brightness	From 1 to 8
Date	YYYY - MM - DD
Time	HR : MM AM/PM
Language	English, Spanish, French
Key tone	On, Off
Restore Defaults	No, Yes
System Info	Show the current firmware version

Connecting to external devices

Viewing videos on TV

1. Plug in the AV cable (provided) – Insert the single connector end into the camcorder (AV jack) and connect the double connector ends to the corresponding video (yellow) and audio left (white) and audio right (red) input jacks on the TV.



2. Turn on the TV and the camcorder.
3. Switch the TV to the selected video input.
 - Refer to your TV manual for instructions.
4. You may play and delete videos viewed on the TV by using the camcorder buttons.

The default TV output standard is NTSC. You can switch it to PAL standard by going to the camcorder menu. Refer to "Menu settings" for more information.



Recording videos to VHS tape or DVD

1. Plug in the AV cable (provided) – Insert the single connector end into the camcorder and connect the double connector ends to corresponding video (yellow) and audio left (white) and audio right (red) inputs of the recording device (VHS or DVD recorder).
2. Turn on the camcorder and the recording device.
3. Switch recording device to the video input connected to the camcorder.
 - Refer to your user manual of the recording device for instructions.
4. Start recording of your recording device and press and hold **PLAY/PAUSE** on the camcorder for 3 seconds to play all videos on the camcorder.

For best viewing or recording quality, use the HDMI connector on the left panel of the camcorder with an HDMI cable (not included).



Managing videos on your computer

Computer system requirements

Windows® XP (SP2 or higher), Windows Vista®, or Windows® 7

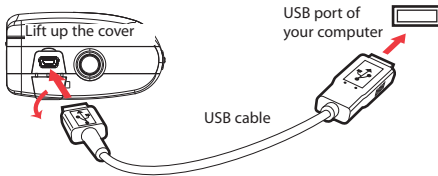
- Intel® Core™ 2 Duo CPU E6300 (or above) or AMD Athlon™ 64 X2 3800+ (or above) processor recommended
- 1GB RAM (2GB recommended for editing HD videos)
- 300 MB available hard disk space
- 256 MB Graphics Card (or above) recommended
- 1024 x 768 pixels, 32-bit color monitor or higher
- USB Port (2.0 recommended)
- Internet Access (broadband recommended)

Mac OS X 10.5,10.6

- Intel Core 2 Duo (or above) recommended
- 768 MB RAM (1GB recommended)
- 300 MB free hard drive space for program installation
- 1024 x 768 pixels or higher recommended
- Internet Access (broadband recommended)

Connecting to a PC

1. Connect the supplied USB cable to the connection jack. USB connector standard: mini-B
2. Connect the other end of the cable to the computer.



3. **Windows:** The first time you connect the camcorder to the PC, the Small Wonder will mount as a drive letter. To access the Memory Manager 3 installer, open My Computer and double-click the drive letter associated with the SMALLWONDER label. Double-click **MemoryMgr3_Windows_Installer.exe** to start the installation.
- The RCA Detective application is installed with Memory Manager 3 and will automatically run the Memory Manager 3 application when your camcorder is connected to the PC.

Mac: The first time you connect the camcorder to the Mac, the Small Wonder will mount as a volume labeled **SMALLWONDER** on the desktop. To download the Memory Manager 3 installer, visit www.mysmallwonder.com. Locate the downloaded **RCAMacInstallers** volume on the desktop and Double-click on it. Double-click the **MemoryMgr3 Mac Installer** file in the **RCAMacInstallers** volume to start the installation. After the Memory Manager 3 installation has completed, double-click the **RCA Detective Installer** file in the **RCAMacInstallers** volume to install the RCA Detective application, which will automatically run the Memory Manager 3 application when your camcorder is connected to the Mac.

- Camcorder cannot record while connected to the PC.
- Memory Manager is proprietary software licensed by Audiovox Corporation.



About RCA Memory Manager

The included RCA Memory Manager application lets you:

- Browse and play videos
- Delete videos
- Save videos to your computer
- Edit videos by simply drag-and-drop

For more detailed instructions on using RCA Memory Manager, please refer to the help section in the software.



Viewing videos on PC

To ensure that videos can be managed and played on your PC:

- Make sure to install the included Memory Manager application.

* The application is also available for free download at www.mysmallwonder.com

Windows is a registered trademark of Microsoft Corporation in the United States and other countries.

Additional information

Tips and troubleshooting

Cannot turn on the camcorder.

- Make sure the battery is not empty. Refer to the user manual to properly charge the camcorder before use.

SD card cannot be detected by camcorder.

- Make sure the SD card is inserted properly. Remove and insert the card from the card slot again when the camcorder is powered off.

Camcorder not turned on after connected to PC or AC/DC adapter.

- The camcorder battery may be very low. Press the power button to turn on the camcorder after connected to PC or AC/DC adapter.

Cannot record videos.

- Make sure the memory space is not full for recording.

Available time for recording has significantly reduced.

- Make sure you have properly selected the video recording quality before recording.

The recording time and date are incorrect.

- Make sure you have properly set the date and time in the setting menu. Refer to "Menu settings" for more information.

The keytone is annoying. Can it be switched off?

- Yes. Refer to "Menu settings" for more information.

No sound when playing back recordings.

- Adjust the volume by pressing ▲ / ▼ during playback.

Pictures are distorted when videos are played back via connected TV set.

- Make sure you have correctly selected the TV output system (PAL or NTSC) from the setting menu. Refer to "Menu settings" for more information.

Can I retrieve deleted videos and photos?

- Unfortunately, deleted videos cannot be retrieved.

The camcorder is not functioning properly.

- Remove and re-install the battery.
- Battery level may be too low, re-charge the battery

Cannot view recorded videos on PC.

- Install the included Memory Manager software and use it to view videos on your PC. Visit www.mysmallwonder.com and download the latest version of Memory Manager software, install it for viewing videos on your PC.
- Use software Quicktime to playback video file.

My friends cannot view the videos I have sent them.

- Use the SHARE functions of the Memory Manager for sharing videos with friends and family. The native files from the camcorder may not play in other computers.

Why the video and photo not clear?

- Try to keep steady during recording or use tripod during recording.

Why file cannot be recorded or failure encountered during recording?

- It is recommended to use Class 4 or higher memory cards for recording.

Product registration

Please go to www.mysmallwonder.com for online registration.

For your records

Keep your sales receipt for proof of purchase to obtain warranty parts and service.

In the event that service should be required, you may need both the model number and the serial number.

In the space below, record the date and place of purchase, and the serial number:

Model No.

Date of Purchase

Place of Purchase

Serial No.

Service Information

This product should be serviced only by those specially trained in appropriate servicing techniques. For instructions on how to obtain service, refer to the warranty included in this Guide.

Copyright warning

This player is for your personal use only. Unauthorized recording or duplication of copyrighted material may infringe upon the rights of third parties and may be contrary to copyright laws.

Back up your data

As with any portable player, you must back up the drive regularly. The manufacturer is not responsible for lost data.

Visiting RCA website

Please visit www.mysmallwonder.com for:

- Latest software and firmware
- RCA Memory Manager Software
- User manual
- Frequently asked questions (FAQ)
- Customer service and technical support information

Technical specifications

Product:

- Digital Camera Recorder

Brand:

- RCA

Model:

- EZ5000, EZ5000RD, EZ5000BL, EZ5000PL, EZ5000R, EZ5000RDR, EZ5000BLR, EZ5000PLR, EZ5100, EZ5100RD, EZ5100BL, EZ5100PL, EZ5100R, EZ5100RDR, EZ5100BLR, EZ5100PLR

Battery:

- Replaceable 3.7V Lithium battery

Power adapter:

- Rated input: 100 – 120 V AC, 60 Hz, 0.3 A
- Rated output: 5V DC, 1A

Size and frame rate of video recordings:

- HD mode (EZ5000 series): 1280 x 720 @ 30fps (H.264 video compression, MOV file format)
- HD mode (EZ5100 series) 1440 x 1080 @ 30fps (H.264 video compression, MOV file format)
- Sports mode: 848 x 480 pixels @ 60 fps (H.264 video compression, MOV file format)
- webQ mode: 320 x 240 pixels @ 30 fps (H.264 video compression, MOV file format)

Size of still images:

- 4000 X 3000 pixels (JPG)

Recording media:

- Internal memory
- SD card (not included)

Maximum recording time (approximate figures):

Video Recording Modes	Maximum recording time with 32 GB SD card
HD (High Definition mode) (EZ5000 series)	Up to 16 hours
HD (High Definition mode) (EZ5100 series)	Up to 10 hours
Sports mode	Up to 16 hours
Web Q (Web Quality mode)	Up to 80 hours
Maximum no. of photos can be taken (EZ5000 series)	Up to 3000
Maximum no. of photos can be taken (EZ5100 series)	Up to 2000

* Actual recording time and capacity will vary depending on type of video content being recorded, system requirements, and other factors.

LCD screen:

- 2.4 inches

Microphone:

- Stereo microphone

Battery life:

- Maximum recording time for video (EZ5000 series): 122 minutes of HD video, 128 minutes of Sports video and 147 minutes of WebQ video
- Maximum recording time for video (EZ5100 series): 92 minutes of HD video, 112 minutes of Sports video and 134 minutes of WebQ video
- Maximum number of photos can be taken (EZ5000 series): 999 photos
- Maximum number of photos can be taken (EZ5100 series): 931 photos

Charging Time:

- 3 hours

Warranty information

Limited warranty

12 Month Limited Warranty Applies to RCA Audio/Video Products

AUDIOVOX ELECTRONICS CORP. (the Company) warrants to the original retail purchaser of this product that should this product or any part thereof, under normal use and conditions, be proven defective in material or workmanship within 12 months from the date of original purchase, such defect(s) will be repaired or replaced with reconditioned product (at the Company's option) without charge for parts and repair labor.

To obtain repair or replacement within the terms of this Warranty, the product is to be delivered with proof of warranty coverage (e.g. dated bill of sale), specification of defect(s), transportation prepaid, to the Company at the address shown below.

This Warranty does not extend to the elimination of externally generated static or noise, to correction of antenna problems, loss/interruptions of broadcast or internet service, to costs incurred for installation, removal or reinstallation of product, to corruptions caused by computer viruses, spyware or other malware, to loss of media, files, data or content, or to damage to tapes, discs, removable memory devices or cards, speakers, accessories, computers, computer peripherals, other media players, home networks or vehicle electrical systems.

This Warranty does not apply to any product or part thereof which, in the opinion of the Company, has suffered or been damaged through alteration, improper installation, mishandling, misuse, neglect, accident, or by removal or defacement of the factory serial number/bar code label(s). THE EXTENT OF THE COMPANY'S LIABILITY UNDER THIS WARRANTY IS LIMITED TO THE REPAIR OR REPLACEMENT PROVIDED ABOVE AND, IN NO EVENT, SHALL THE COMPANY'S LIABILITY EXCEED THE PURCHASE PRICE PAID BY PURCHASER FOR THE PRODUCT.

This Warranty is in lieu of all other express warranties or liabilities. ANY IMPLIED WARRANTIES, INCLUDING ANY IMPLIED WARRANTY OF MERCHANTABILITY, SHALL BE LIMITED TO THE DURATION OF THIS WRITTEN WARRANTY. ANY ACTION FOR BREACH OF ANY WARRANTY HEREUNDER INCLUDING ANY IMPLIED WARRANTY OF MERCHANTABILITY MUST BE BROUGHT WITHIN A PERIOD OF 24 MONTHS FROM DATE OF ORIGINAL PURCHASE. IN NO CASE SHALL THE COMPANY BE LIABLE FOR ANY CONSEQUENTIAL OR INCIDENTAL DAMAGES FOR BREACH OF THIS OR ANY OTHER WARRANTY. No person or representative is authorized to assume for the Company any liability other than expressed herein in connection with the sale of this product.

Some states do not allow limitations on how long an implied warranty lasts or the exclusion or limitation of incidental or consequential damage so the above limitations or exclusions may not apply to you. This Warranty gives you specific legal rights and you may also have other rights which vary from state to state.

How to make a warranty claim:

- If your product is capable of storing content (such as an mp3 player, digital voice recorder, etc), it is recommended to make periodic backup copies of content stored on the product. If applicable, before shipping a product, make a back up copy of content or data stored on the device. Also, it is advisable to remove any personal content which you would not want exposed to others. IT IS LIKELY THAT CONTENTS AND DATA ON THE DEVICE WILL BE LOST DURING SERVICE AND REFORMATTING. AUDIOVOX ACCEPTS NO LIABILITY FOR LOST CONTENT OR DATA, OR FOR THE SECURITY OF ANY PERSONAL CONTENT OR DATA ON THE RETURNED DEVICE. Product will be returned with factory default settings, and without any pre-loaded content which may have been installed in the originally purchased products. Consumer will be responsible for reloading data and content. Consumer will be responsible to restore any personal preference settings.
- Properly pack your unit. Include any remotes, memory cards, cables, etc. which were originally provided

with the product. However DO NOT return any removable batteries, even if batteries were included with the original purchase. We recommend using the original carton and packing materials.

- Include evidence of purchase date such as the bill of sale. Also print your name and address and a description of the defect. Send via standard UPS or its equivalent to:

Audiovox Electronics Corp.

Attn: Service Department.

150 Marcus Blvd.

Hauppauge N.Y. 11788

1-877-833-3491

- Insure your shipment for loss or damage. Audiovox accepts no liability in case of damage or loss en route to Audiovox.
- Pay any charges billed to you by the Exchange Center for service not covered by the warranty.
- A new or refurbished unit will be shipped to you freight prepaid.

What we will do:

Provide you with a new, or at our option, a refurbished unit. The exchange unit is under warranty for the remainder of the original product's warranty period.

For Canada Customers, please ship to:

Audiovox Return Centre

c/o Genco

6685 Kennedy Road,

Unit#3, Door 16,

Mississauga, Ontario

L5T 3A5

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The descriptions and characteristics given in this document are given as a general indication and not as a guarantee. In order to provide the highest quality product possible, we reserve the right to make any improvement or modification without prior notice.

Visit **<http://store.audiovox.com>** to find the best accessories for your products.



For Customer Service
Visit Our Website At

www.mysmallwonder.com

Product Information, Photos,
FAQ's, User Manual

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