

COBY®

PMP4320



4.3" Widescreen TFT Portable Media Player with
Video Recording and SD Card Slot



INSTRUCTION MANUAL

Please read this manual carefully before operation.

PRECAUTIONS

	CAUTION WARNING: SHOCK HAZARD. DO NOT OPEN. AVIS: RISQUE DE CHOC ELECTRIQUE. NE PAS OUVRIR	
CAUTION: TO REDUCE THE RISK OF FIRE AND ELECTRIC SHOCK, DO NOT REMOVE THE COVER (OR BACK) OF THE UNIT. REFER SERVICING ONLY TO QUALIFIED SERVICE PERSONNEL.		



The lightning flash with arrowhead symbol within an equilateral triangle is intended to alert the user to the presence of uninsulated “dangerous voltage” within the product’s enclosure that may be of sufficient magnitude to constitute a risk of electric shock.



The exclamation point within an equilateral triangle is intended to alert the user to the presence of important operation and servicing instructions in the literature accompanying the appliance.

For Customer Use:

Enter below the serial number that is located on the bottom of the unit. Retain this information for future reference.

Model No. _____ PMP4320 _____

Serial No. _____



For recycling or disposal information about this product, please contact your local authorities or the Electronics Industries Alliance: www.eiae.org.

PRECAUTIONS

WARNING:

To prevent fire or shock hazard, do not expose this device to rain or moisture. Dangerous high voltage is present inside the enclosure. Do not open the cabinet.

CAUTION:

To prevent electric shock, match wide blade of plug to wide slot of outlet and fully insert.

WARNING:

Handling the cords on this product will expose you to lead, a chemical known to the State of California to cause cancer, and birth defects or other reproductive harm. ***Wash hands after handling.***

Protect your hearing:

Hearing experts advise against the constant use of personal stereos played at high volume. Constant exposure to high volumes can lead to hearing loss. If you should experience ringing in the ears or hearing loss, discontinue use and seek medical advice.

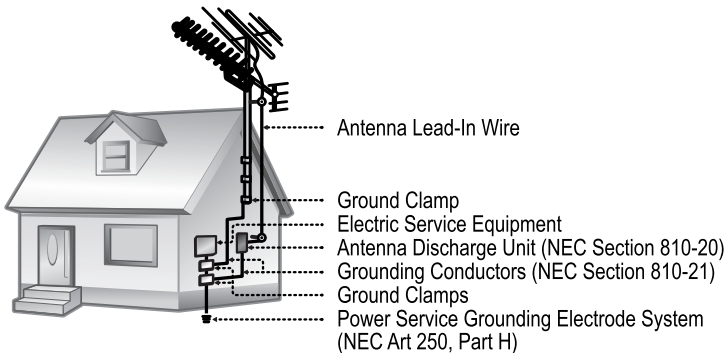
IMPORTANT SAFETY INSTRUCTIONS

1. **Read Instructions:** All the safety and operating instructions should be read before the product is operated.
2. **Retain Instructions:** The safety and operating instructions should be retained for future reference.
3. **Heed Warnings:** All warnings on the product and in the operating instructions should be adhered to.
4. **Follow Instructions:** All operating and usage instructions should be followed.
5. **Cleaning:** Unplug this product from the wall outlet before cleaning. Do not use liquid cleaners or aerosol cleaners. Use a damp cloth for cleaning.
6. **Attachments:** Use only attachments recommended by the manufacturer. Use of other attachments may be hazardous.
7. **Water and Moisture:** Do not use this product near water (e.g., near a bath tub, washbowl, kitchen sink, laundry tub, in wet basements, or near a swimming pool and the like).
8. **Accessories:** Do not place this product on an unstable cart, stand, tripod, bracket, or table. Use only with carts, stands, tripods, brackets, or tables recommended by the manufacturer or sold with the product. Any mounting of the product should follow the manufacturer's instructions and should use a mounting accessory recommended by the manufacturer.
9. A product and cart combination should be moved with care. Quick stops, excessive force, and uneven surfaces may cause the product and cart combination to overturn.
10. **Ventilation:** Slots and openings in the cabinet are provided for ventilation to ensure reliable operation of the product and to protect it from overheating. These openings should never be blocked by placing the product on a bed, sofa, rug, or other similar surface. This product should not be placed in a built-in installation such as a bookcase or rack unless proper ventilation is provided or the manufacturer instructions have been adhered to.
11. **Power Sources:** This product should be operated only from the type of power source indicated on the rating label. If you are not sure of the type of power supply to your home, consult your product dealer or local power company. For products intended to operate from battery power or other sources, refer to the operating instructions.
12. **Grounding or Polarization:** This product may be equipped with a polarized alternating-current line plug that has one blade wider than the other. This plug will only fit into the power outlet in one direction. This is a safety feature. If you are unable to insert the plug fully into the outlet, try reversing the direction of the plug. If the plug should still fail to fit, contact an electrician to replace the obsolete outlet. Do not defeat the safety purpose of the polarized plug.
13. **Power-Cord Protection:** Power supply cords should be routed so that they are not likely to be walked on or pinched by items placed upon or against them, paying particular attention to cords at plugs, convenience receptacles, and at the point which they exit from the product.



IMPORTANT SAFETY INSTRUCTIONS

- Protective Attachment Plug: The product may be equipped with an attachment plug with overload protection. This is a safety feature. See the operating instructions for replacement or directions to reset the protective device. If replacement of the plug is required, be sure the service technician has used a replacement plug that has the same overload protection as the original plug as specified by the manufacturer.
- Outdoor Antenna Grounding: If an outside antenna is connected to the product, be sure the antenna system is grounded so as to provide some protection against voltage surges and built-up static charges. Article 810 of the National Electrical Code, ANS/NFPA 70 provides information with regard to proper grounding of the mast and supporting structure, grounding of the lead-in wire to an antenna-discharge unit, size of grounding conductors, location of antenna-discharge unit, connection to grounding electrodes, and requirements for the grounding electrode (see figure).



- Lightning: For added protection for this product, unplug it from the wall outlet and disconnect the antenna or cable system during a lightning storm or when it is left unattended and unused for long periods of time. This will prevent damage to the product due to lightning or power-line surges.
- Power Lines: An outside antenna system should not be located in the vicinity of overhead power lines or other electric light or power circuits, or where it can fall into such power lines or circuits. When installing an outside antenna system, extreme care should be taken to keep from touching such power lines or circuits, as contact with them might be fatal.
- Overloading: Do not overload wall outlets, extension cords, or integral convenience receptacles as this can result in a risk of fire or electric shock.
- Object and Liquid Entry: Never push objects of any kind into this product through openings as they may touch dangerous voltage points or short-out parts that could result in a fire or electric shock. Never spill liquid of any kind on the product.

IMPORTANT SAFETY INSTRUCTIONS

20. **Service:** Do not attempt to service this product yourself as opening or removing covers may expose you to dangerous voltage or other hazards. Refer all servicing to qualified service personnel.
21. **Damage Requiring Service:** Unplug this product from the wall outlet and refer servicing to qualified service personnel under the following conditions: a) when the power-supply or plug is damaged; b) if liquid has been spilled or if objects have fallen into the product; c) if the product has been exposed to rain or water; d) if the product does not operate normally by following the operating instructions. Adjust only those controls that are covered by the operating instructions as improper adjustment of other controls may result in damage and will often require extensive work by a qualified technician to restore the product to its normal operation; e) if the product has been dropped or damaged in any way; f) when the product exhibits a distinct change in performance—this indicates a need for service.
22. **Replacement Parts:** When replacement parts are required, be sure that your service technician has used replacement parts specified by the manufacturer or have the same characteristics as the original part. Unauthorized substitutions may result in fire, electric shock, or other hazards.
23. **Safety Check:** Upon completion of any service or repairs to this product, ask the service technician to perform safety checks to ensure that the product is in proper operating condition.
24. **Wall or Ceiling Mounting:** The product should be mounted to a wall or ceiling only as recommended by the manufacturer.
25. **Heat:** The product should be situated away from heat sources such as radiators, heat registers, stoves, or other products (including amplifiers) that produce heat.

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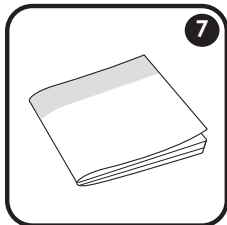
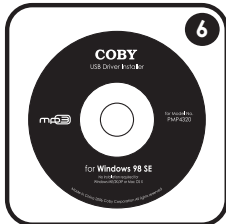
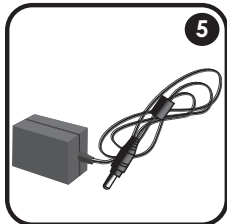
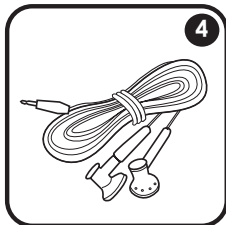
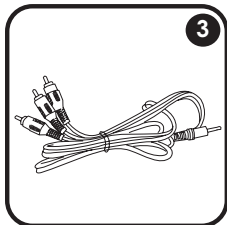
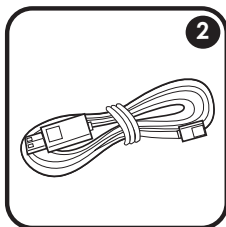
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PACKAGE CONTENTS

Please make sure that the items shown below are included in the package. Should an item be missing, please contact the local retailer from which you purchased this product.

1. COBY PMP4320
2. USB Cable
3. Audio/Video (AV) Cable
4. Professional Stereo Earphones
5. AC Adapter
6. Installation CD
7. Manual



FEATURES

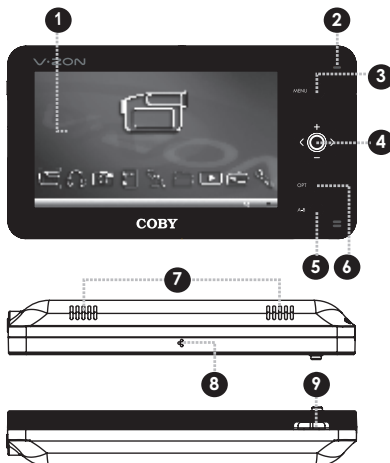
- + 20GB Hard Disk Stores up to 10,000 Songs or 80 Hours of Video
- + Brilliant 4.3" Widescreen TFT LCD True-Color Display
- + SD/MMC Card Slot for Additional Data Transfer and Storage
- + Plays Music, Video, Photos, and Text
- + ID3 and LRC Support for Song and Synchronized Lyric Information Display
- + Records Audio or Video from External AV Devices (No PC Required)
- + Integrated FM Radio and Recorder
- + Integrated Microphone for Digital Voice Recording
- + USB 2.0 for Ultra-Fast File Transfers (up to 40x faster than USB 1.0)
- + Rechargeable Lithium Polymer Battery
- + Upgradable Firmware

GETTING STARTED

PMP4320 at a Glance

Front View

1. 4.3" Widescreen TFT LCD Display
2. Power/Charge Indicator
3. Menu **MENU**
4. **Navigation Joystick**
 - + Up / Volume +
 - Down / Volume -
 - ◀ Left
 - ▶ Right
 - OK Press Joystick
5. Option **OPT**
6. Repeat A-B **A-B**



Top View

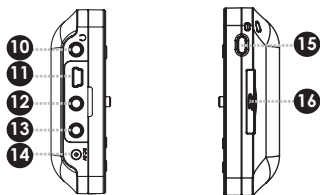
7. Stereo Speakers
8. Microphone

Bottom View

9. Hold/LCD/AV Out Switch

Left View

10. Headphone Jack
11. USB 2.0 Port
12. AV Out Jack
13. AV In Jack
14. DC 5V Power Jack



Right View

15. Power **Power**
16. SD/MMC Card Slot

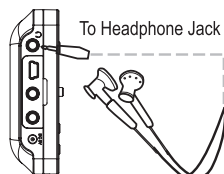
GETTING STARTED

Connections

Connecting Headphones

Connect headphones/earphones to the Headphone Out jack for private listening.

- ✦ Lower the volume level before connecting headphones, then gradually increase the volume for comfortable listening.
- ✦ Hearing experts advise against the constant use of personal stereos played at high volume.
- ✦ Constant high-volume use can lead to hearing loss. If you experience ringing in your ears or hearing loss, discontinue use immediately and seek medical advice.

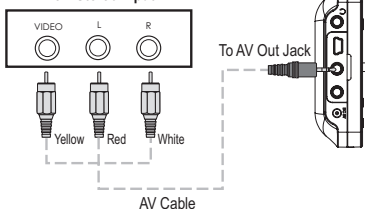


Connecting to a Television (AV Out)

Connect a television to the AV Out jack to play video or photos on your home theater system.

1. Make the connections as shown in the diagram.
2. Set the Hold/LCD/AV Out switch to the "AV Out" position.
3. Set your television to the correct AV mode. You will see the PMP4320 video signal displayed on your TV screen.

TV with Composite Video & RCA Stereo Input

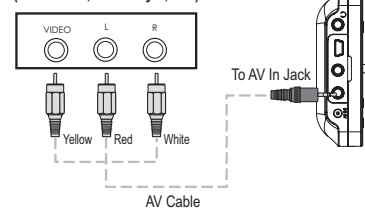


Connecting to an AV Device (AV In)

Connect an external AV device (e.g., camcorder, DVD player, video game console) to the AV In jack to use your PMP4320 as a recording device.

1. Make the connections as shown in the diagram.
2. Set the Hold/LCD/AV Out switch to the "LCD" position.
3. Set your television to the correct AV mode. You will see the PMP4320 video signal displayed on your TV screen.

External Device with AV Output (Camcorder, DVD Player, etc.)



Be sure to set the "Setup > System > TV Standard" setting of your PMP4320 to match the video signal (NTSC or PAL).

GETTING STARTED

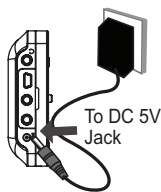
Connecting Power

This device operates on an integrated rechargeable battery. **The battery should be charged fully before using your player for the first time.**

AC Adapter

This adapter should be used with 100-240V 60/60Hz AC wall outlets.

- + Plug the supplied AC adapter into an AC 100-240V electrical wall outlet.
- + Connect the other end of the adapter to your device's DC 5V Power jack. The Power/Charge indicator on your device will light orange
- + When charging has been completed, the Power/Charge indicator on your device will light green.



The battery should be charged fully (minimum 4 hours) before its initial use to ensure optimum lifetime performance.



The battery used in this device may present a fire or chemical burn hazard if mistreated. Do not disassemble, incinerate, or heat the battery.

Do not connect the power plug to a power outlet other than that which is indicated here or on the label as this may result in the risk of fire or electric shock.

Do not handle the power plug with wet hands. Doing so may cause electric shock.

Use only AC adapters of the type specified here. Failure to do so may cause a fire or damage the player.

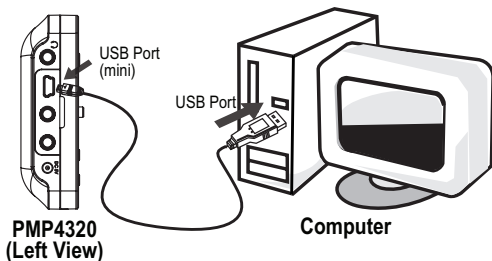
GETTING STARTED

Connecting to a Computer

If you are using Windows 98 SE, you must install the USB driver contained on the supplied Installation CD. Please see the [USB Driver Installation](#) section for more information.

Connect the PMP4320 to a computer to transfer media (music, video, photos, etc.) to and from your PMP4320. To connect to a computer:

1. Turn the player off.
2. Connect the player to your computer using the supplied USB cable. It may take Windows several minutes to recognize and set up the device the first time it is connected depending on your hardware configuration.
 - ✦ If your computer is running Windows 98 SE, NT, 2000, ME, or XP, your player will be detected as a "Removable Disk" when you open "My Computer".



For more information and support regarding file transfers and management, please refer to the documentation that came with your computer or operating system.

USB Driver Installation

It is not necessary to install the USB driver if your computer is running Microsoft Windows ME/2000/XP or newer, or Macintosh OS X. Computers running these operating systems will recognize your player automatically when connected.

If your computer is running Windows 98 SE:

1. Insert the Installation CD into your computer's CD or DVD drive. Make sure to place the mini-CD in the center, recessed well of the drive tray.
2. Navigate to MY COMPUTER and double-click on the CD/DVD drive icon (usually "D:").
3. Double-click on the folder "Win98 USB Drivers" and then on the folder "english".
4. Double-click on the SETUP icon (SETUP.EXE) to start the USB driver installation program.

GETTING STARTED

5. Follow the on-screen instructions to complete the installation and then restart your computer.

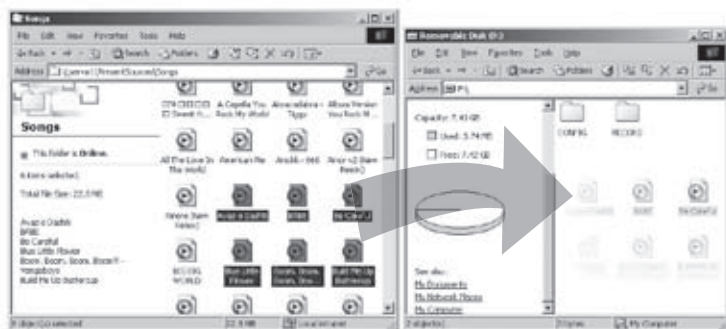


Mini-CDs should only be used in normal tray-loading CD/DVD drives. Mini-CDs may be used in slot-loading drives with the proper adapter; please contact your computer or drive manufacturer for more information.

Transferring Files to your PMP4320

The USB 2.0 High-Speed connection makes it easy to transfer music, video, photo, and text files (or any other data) quickly between the PMP and your computer. Simply use the PMP as you would a floppy disk using basic operating system commands.

If you need further assistance with transferring files, please refer to your operating system's instruction manual or on-screen help, or the documentation that was included with your computer.



Do not disconnect or otherwise interrupt the PMP during transmission - this could damage or corrupt the PMP's firmware or your files. If the PMP is accidentally disconnected and is not working properly, reset your PMP (see the [Powering Your PMP](#) section for details).

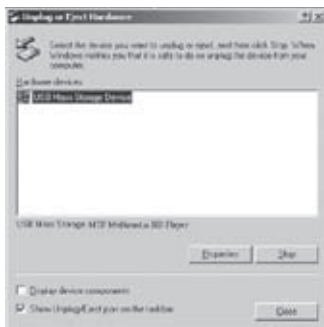
GETTING STARTED

Disconnecting from a Computer

Please follow the steps below to prevent data loss or corruption when disconnecting from a computer.

Microsoft Windows

1. Double-click the green arrow in the taskbar located on the lower-right side of the computer screen (Safely Remove Hardware).
2. **Safely Remove Hardware:** Select "USB Mass Storage Device" from the list that appears and then click on "Stop".
Stop a Hardware Device: Select "USB Mass Storage Device" from the list that appears and then click on "OK". Select "USB Mass Storage Device" from the list that appears and then click on "OK".
3. When the "Safe to Remove Hardware" window appears, click the OK button and disconnect the USB cable from the player and your computer.



Macintosh OS X



1. On the left side of the Finder window, identify the appropriate Removable Disk icon.
2. Click on the "Eject" arrow on the right of the Removable Disk icon.
3. Disconnect the USB cable from the player and your computer.



GETTING STARTED

Using the PMP4320 Controls

Power On/Off


- + To turn your player on, press 
- + To turn your player off, press and hold 

Hold Function



The Hold/LCD/AV Out switch (located on the bottom of your player) locks/unlocks the key controls of your player to prevent them from being pressed accidentally.

- + To lock the key controls, slide the switch left to the HOLD position.
- + To unlock the key controls, slide the switch right to the LCD or AV OUT position.

Reset Function









If your player freezes or otherwise behaves abnormally, press and hold  to turn off and reset your player.

Adjusting the Volume

When your player is in Video or Music playback mode, press  or  to adjust the volume level up or down, respectively.

Navigating the Menu

Use the Navigation Joystick to move the selection cursor. Press the joystick to enter (confirm) a selection.

- + To access the Main Menu Desktop, press and hold .
- + To cancel or to return to the previous screen, press .
- + To access a context (option) menu, press .
- + To move the selection left, press .
- + To move the selection right, press .
- + To move the selection up, press .
- + To move the selection down, press .
- + To enter (confirm) a selection, press .



GETTING STARTED

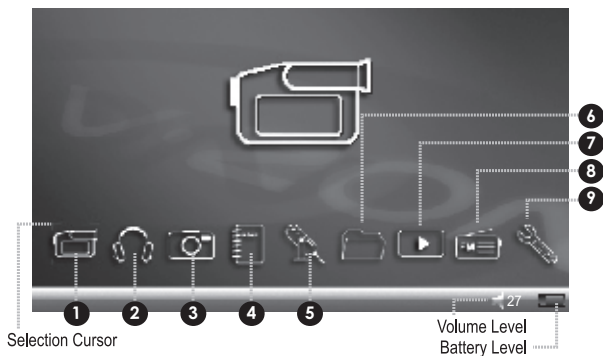
PMP4320 Display

Main Menu

The Main Menu gives you access to the different function modes of your PMP.

To select a mode, press ◀ or ▶ to highlight the mode with the Selection Cursor and then press **OK**.

To return to the Main Menu Desktop, press and hold **MENU**.



1. Video

Watch your digital video files (AVI, MPEG-1, -2, and -4, and XviD).

2. Music

Play your digital music files (MP3, WMA).

Record through the microphone.

3. Photo

View your digital picture files (JPG).

4. E-Book

Read your electronic text files (TXT)

5. Record

Record audio, video, or voice.

6. Explorer

View and organize your media library.

7. Resume

Resume playback of the last file played.

8. FM Radio

Listen to FM Radio broadcasts.

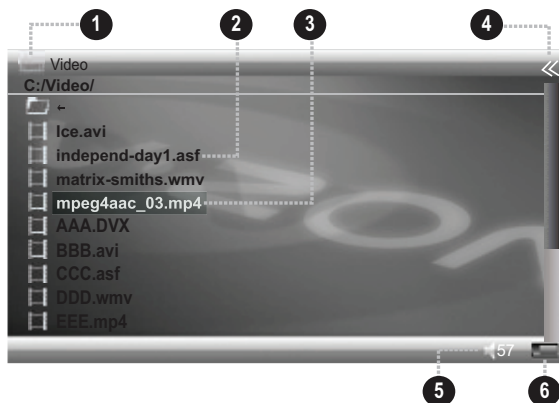
9. Setup

Change the internal settings of your PMP.

GETTING STARTED

File Browser Screen

The File Browser Screen allows you to view your collection of media.



1. Browser Mode

Indicates the types of files displayed by the file browser. "Video" indicates that only supported video types are displayed.

2. List of Files

3. Selected File

4. Information View

Press ◀ or ▶ as indicated to view or hide file information details.

5. Volume Level

6. Battery Level



The File Browser screen will display the type of media that corresponds with the Browser mode, only. Music files will not be displayed in Video mode.

GETTING STARTED

File Browser Controls

Use the following controls in File Browser mode.

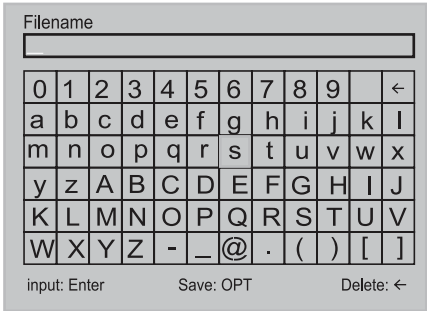
Key	Function
Press +	Move the selection up
Press -	Move the selection down
Press ← or →	Show or hide file information details
Press MENU	Return to the previous folder/screen
Hold MENU	Return to the Main Menu Desktop
Press OK	Enter the selection
Press OPT	Display the context menu

File Browser Context Options

Press **OPT** to view the following context options.

Item	Function																																																																													
Desktop	Return to the Main Menu Desktop																																																																													
New	<p>Create a new folder. A text input screen will appear:</p> <div style="border: 1px solid gray; padding: 5px; margin: 10px 0;"> <p>Filename</p> <input style="width: 100%; height: 20px;" type="text"/> <table border="1" style="width: 100%; text-align: center; border-collapse: collapse;"> <tr> <td>0</td><td>1</td><td>2</td><td>3</td><td>4</td><td>5</td><td>6</td><td>7</td><td>8</td><td>9</td><td>←</td> </tr> <tr> <td>a</td><td>b</td><td>c</td><td>d</td><td>e</td><td>f</td><td>g</td><td>h</td><td>i</td><td>j</td><td>k</td> </tr> <tr> <td>m</td><td>n</td><td>o</td><td>p</td><td>q</td><td>r</td><td>s</td><td>t</td><td>u</td><td>v</td><td>w</td> </tr> <tr> <td>x</td><td>y</td><td>z</td><td>A</td><td>B</td><td>C</td><td>D</td><td>E</td><td>F</td><td>G</td><td>H</td> </tr> <tr> <td>I</td><td>J</td><td>K</td><td>L</td><td>M</td><td>N</td><td>O</td><td>P</td><td>Q</td><td>R</td><td>S</td> </tr> <tr> <td>T</td><td>U</td><td>V</td><td>W</td><td>X</td><td>Y</td><td>Z</td><td>-</td><td>_</td><td>@</td><td>.</td> </tr> <tr> <td>(</td><td>)</td><td>[</td><td>]</td><td></td><td></td><td></td><td></td><td></td><td></td><td></td> </tr> </table> <p>input: Enter Save: OPT Delete: ←</p> </div> <p>Use the navigation joystick to input the name of the new folder. Press OPT to save the new folder when you are done.</p>	0	1	2	3	4	5	6	7	8	9	←	a	b	c	d	e	f	g	h	i	j	k	m	n	o	p	q	r	s	t	u	v	w	x	y	z	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S	T	U	V	W	X	Y	Z	-	_	@	.	()	[]							
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GETTING STARTED

Item	Function
Copy	<p>Prepare to copy the selected file.</p> <ul style="list-style-type: none"> ➤ After selecting a file to copy, navigate to the target folder. ➤ Press OPT to access the context menu and select PASTE to complete the copy function.
Move	<p>Prepare to move the selected file</p> <ul style="list-style-type: none"> ➤ After selecting a file to move, navigate to the target folder. ➤ Press OPT to access the context menu and select PASTE to complete the move function.
Paste	Complete copying or moving a file (only available during copy or move operations -- see "Copy" and "Move" above).
Delete	Delete the selected file
Rename	<p>Rename the selected file. A text input screen will appear:</p>  <p>Use the navigation joystick to input the name of the new folder. Press OPT to save the new folder when you are done.</p>
Information	Display file information details

VIDEO MODE

Getting Video on Your Computer

There are a number of ways to get digital video onto your computer:

- + Internet: There are many free digital videos available for download from the internet. Common file types that your player supports are: AVI, XviD, and MPEG-4.
 - ✦ Take care to respect copyright laws and to download videos from legal sources.
- + RSS Feeds: Many free and popular media management programs (e.g., Winamp) include free video RSS feeds.
- + Convert Your Own: There are many software utilities available that will convert preexisting videos to a format compatible with your PMP4320 (e.g., VirtualDub).
- + Create Your Own: Your PMP4320 can record video in MP4 format (please see the [Record Mode](#) section for more information).

Once you have obtained video on your computer, you can transfer it to your PMP4320 for portable viewing (please see the [Transferring Files to Your PMP4320](#) section for more details).

Playing Video

To play videos on your player:

1. Select and confirm VIDEO from the Main Menu Desktop.
2. Select and confirm a supported video file from the File Browser to start playback.

Video File Browser Context Options

Press **OPT** to view the following context options.

Item	Function
Desktop	Return to the Main Menu Desktop
New	Create a new folder
Copy	Prepare to copy the selected file
Move	Prepare to move the selected file
Paste	Complete copying or moving a file (only available during copy or move operations)
Delete	Delete the selected file
Rename	Rename the selected file
Information	Display file information details





VIDEO MODE

Video Playback Controls

Use the following controls during video playback.

Key	Function
Press OK	Pause playback. Press OK again to resume playback.
Press <	Play previous track
Press >	Play next track
Hold <	Reverse through the current track
Hold >	Fast forward through the current track
Press + or -	Adjust the volume level up or down
Press MENU	Return to the File Browser
Hold MENU	Return to the Main Menu Desktop
Press OPT	Display option bar

The Option bar items are:

Item	Function
	Play next track
	Play previous track
	Change Repeat Mode: Repeat Folder Once, Repeat Folder All
	Change Aspect Ratio: 4:3, 16:9, Full Screen, Half Screen

MUSIC MODE

Getting Music on Your Computer

There are a number of ways to get digital music onto your computer:

- + Internet: There are many websites that make music available for free, legal download. There are also sites such as eMusic.com from which you can purchase legal MP3 music unencumbered by DRM.
 - ✧ Take care to respect copyright laws and to download music from legal sources.
- + RSS Feeds: Many free and popular media management programs (e.g., Winamp) include free music and audio RSS feeds (commonly referred to as “podcasts”).
- + Convert Your Own: There are many audio extraction and conversion utilities available that allow you to convert your CD library to MP3 format for personal use.
- + Create Your Own: Your PMP4320 can record audio in MP3 format (please see the [Record Mode](#) section for more information).

Once you have obtained music on your computer, you can transfer it to your PMP4320 for portable listening (please see the [Transferring Files to Your PMP4320](#) section for more details).

Playing Music

To play music on your player:

1. Select and confirm MUSIC from the Main Menu Desktop.
2. Select and confirm a supported music file from the File Browser to start playback.

Music File Browser Context Options

Press **OPT** to view the following context options.

Item	Function
Desktop	Return to the Main Menu Desktop
New	Create a new folder
Copy	Prepare to copy the selected file
Move	Prepare to move the selected file
Paste	Complete copying or moving a file (only available during copy or move operations)
Delete	Delete the selected file
Rename	Rename the selected file
Information	Display file information details

MUSIC MODE

Music Playback Controls

Use the following controls during music playback.

Key	Function
Press OK	Pause playback. Press OK again to resume playback.
Press <	Play previous track
Press >	Play next track
Hold <	Reverse through the current track
Hold >	Fast forward through the current track
Press + or -	Adjust the volume level up or down
Press MENU	Return to the File Browser
Hold MENU	Return to the Main Menu Desktop
Press OPT	Display option bar

The Option bar items are:

Item	Function
>>	Play next track
<<	Play previous track
↺	Change Repeat Mode: Repeat Folder Once, Repeat Folder All
ID3	Toggle ID3 (song data) or LRC (lyric) information display
A-B	Repeat A-B mode.
EQ	Access equalizer settings

MUSIC MODE

Repeat A-B Mode

Repeat A-B mode allows you can define a segment of an audio track to be played repeatedly in a loop.

- + During music playback, press **A-B** to set the start point "A" of the loop.
- + Press **A-B** again to set the end point "B" of the loop. The track segment will now play repeatedly in a loop from point "A" to point "B".
- + Press **A-B** again to resume normal playback.

PHOTO MODE

Getting Photos on Your Computer

Connect a digital camera to your computer to transfer photos to your computer.

From your computer, you can transfer the files to your PMP4320 for portable viewing (please see the [Transferring Files to Your PMP4320](#) section for more details).

If your digital camera uses an SD or MMC memory card for storage, you can use the integrated SD/MMC card slot on the PMP4320 to transfer or view the photos directly.

Viewing Photos

To view photos on your player:

1. Select and confirm PHOTO from the Main Menu Desktop.
2. Select and confirm a supported photo file from the File Browser to start viewing.

Photo File Browser Context Options

Press **OPT** to view the following context options.

Item	Function
Desktop	Return to the Main Menu Desktop
Music Resume	Return to music playback screen
Information	Display file information details







Photo Viewing Controls

Use the following controls during photo viewing.

Key	Function
Press OK	Start slideshow. Press OK again to exit slideshow mode.
Press ←	View previous photo
Press →	View next photo
Press +	Rotate photo counterclockwise
Press -	Rotate photo clockwise
Press MENU	Return to the File Browser
Hold MENU	Return to the Main Menu Desktop
Press OPT	Display option bar

PHOTO MODE

The Option bar items are:

Item	Function
	Set image as Main Menu Desktop background. To restore the original background, restore the player's default settings in the Setup menu.
	Zoom in on photograph. Use the navigation joystick to pan around a magnified photo.
	Zoom out.
	Display 4 photos simultaneously on the screen.
	Display 12 photos simultaneously on the screen.
	Return to music playback screen

EBOOK MODE

Reading EBooks

To read E-Book text files on your player:

1. Select and confirm EBOOK from the Main Menu Desktop.
2. Select and confirm a text file from the File Browser to start reading.

Ebook File Browser Context Options

Press **OPT** to view the following context options.

Item	Function
Desktop	Return to the Main Menu Desktop
New	Create a new folder
Copy	Prepare to copy the selected file
Move	Prepare to move the selected file
Paste	Complete copying or moving a file (only available during copy or move operations)
Delete	Delete the selected file
Rename	Rename the selected file
Information	Display file information details

Ebook Reader Controls

Use the following controls during text reading.

Key	Function
Press ←	Read previous file
Press →	Read next file
Press +	Go to previous page
Press -	Go to next page
Press MENU	Return to the File Browser
Hold MENU	Return to the Main Menu Desktop

RECORD MODE

Recording Audio and Video to your PMP4320

Your PMP4320 can record audio in MP3 format as well as video in MP4 format.

To make a recording:

1. Connect an external AV source to the AV In jack.
2. Select and confirm RECORD from the Main Menu Desktop.
3. Set the options on the Record Mode screen.
4. Select and confirm PREVIEW to view or listen to the external source without recording.
5. Select and confirm START to begin recording.

Record Mode Options

Item	Function
Recording	Select the recording source. Audio: Record audio from the AV In jack in MP3 format Voice: Record voice from the microphone in MP3 format Video: Record video (with sound) from the AV In jack in MP4 format
Quality	Select the quality of the recording. Higher quality recordings will take up more memory.
Auto Stop	Automatic Stop timer
Start	Start recording
Preview	Preview external audio or video signal
Time	Adjust time



RECORD MODE

Record Controls

Use the following controls during recording.

Key	Function
Press OK	Pause recording. Press OK again to resume recording.
Press MENU	Stop and save recording.

EXPLORER MODE

Managing and Viewing Files on your PMP4320

Explorer mode works like the Music, Video, and Photo File browser modes except that it will display ALL types of files.

- + To access Explorer mode, select and confirm EXPLORER from the Main Menu Desktop.
- + The root folder allows you to access the PMP4320 memory (C:) or the optional SD card (A:) if one is installed.
- + When you select and confirm a file, the PMP4320 will play the file if it is supported.

For information on how to use the Explorer File Browser, please refer to the Getting Started section of this manual.

RESUME MODE

Resume mode allows you to quickly return to the last video played. Video playback will resume from the timepoint at which you stopped the video.

- ✦ To access Resume mode, select and confirm RESUME from the Main Menu Desktop.

RADIO MODE

Listening to FM Radio Broadcasts

To listen to the radio:

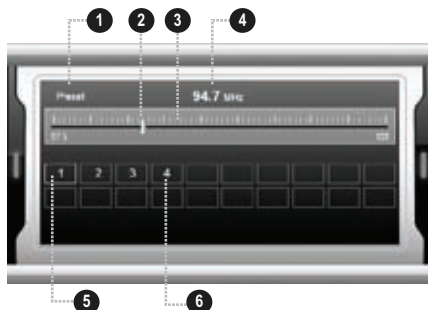
1. Select and confirm RADIO from the Main Menu Desktop.



Earphones (or headphones) must be connected to the PMP's Headphone jack for Radio operation for use as an antenna.

Radio Screen Display

1. Tuning Mode (Preset or Scan)
2. Frequency Pointer
3. Frequency Bar
4. Current Frequency
5. Current Preset Station
6. Available Preset Stations



Radio Mode Context Options

Press **OPT** to view the following option bar items.

Item	Function
	Toggle between Preset or Scan (manual) tuning modes. (The scan mode icon looks like an eye.)
	Auto Search function scans and automatically stores all available FM broadcasts to Preset stations.
	Record the current FM broadcast in MP3 format. Press MENU to stop and save the recording.
	Toggle between headphone audio output and speaker output.
	Delete or Save Preset Station
	Return to Main Menu Desktop while playing current station in the background.

RADIO MODE

Radio Mode Controls

Use the following controls in Radio mode.

Key	Function
Press OK	Pause playback. Press OK again to resume playback.
Press ◀	Previous preset station or frequency
Press ▶	Next preset station or frequency
Hold ◀	In Scan mode, seek the next available lower frequency
Hold ▶	In Scan mode, seek the next available higher frequency
Press + or -	Adjust the volume level up or down
Press MENU	Return to the Main Menu Desktop
Press OPT	Display option bar

SETUP MODE

Enter Setup mode to adjust your player's internal options.

Display Options

Item	Function
Brightness	Adjust the brightness of the display
Font Color	Change the system font color
Focus Color	Change the selected item font color
Bar Color	Change the selection bar color
Scheme Themes	Select a preset color theme.

System Options

Item	Function
Language	Change the on-screen menu language
TV Standard	Change the video signal standard (NTSC or PAL)
System Info	View system information (memory capacity, firmware, etc.)
Factory Setting	Restore all options to their factory-default settings

Power Options

Item	Function
Backlight	Adjust the duration of time the display backlight will remain on for after the last key press. This is a power-saving feature. A setting of "ON" will keep the backlight on always.
Power Off	Adjust the duration of time the player will remain on for when it is idle. This is a power-saving feature.

CABLE CONNECTION

PlayMode Options

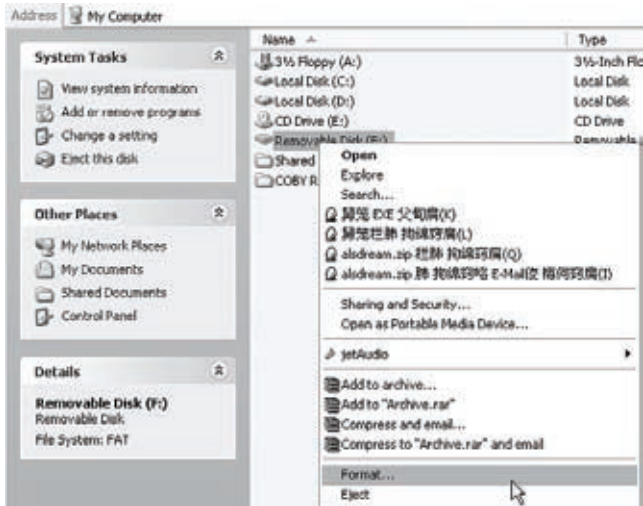
Item	Function
Slide show	Adjust the duration of time a photo is displayed in photo slideshow mode.
Music Playmode	Random, Repeat all, Repeat one
FM Sensitivity	Low, Mid, High.


RESTORE & FIRMWARE UPGRADES

From time to time, COBY may release firmware updates to improve the performance of the PMP4320 or to add additional features. Please check the COBY website periodically at www.cobyusa.com to see if new firmware has been released for your PMP. If you are experiencing abnormal behavior with your PMP, you may choose to restore (format) your PMP before updating its firmware.

Restoring Your PMP (Format)

1. Connect the PMP4320 to a computer using the supplied USB cable.
2. On the computer, locate the Removable Disk icon that corresponds to the PMP4320.
3. Right-click on the Removable Disk icon and select Format.
4. A dialog box will appear on-screen. Change the settings to format the PMP as a FAT16 drive, and then click the START button to begin the formatting process.




5. When the formatting process is complete, disconnect the USB cable from the PMP.
6. Press and hold  to turn the PMP off, and then turn it back on.



Formatting your PMP will erase all of your data from it (including musics, recordings, movies, photos). Make sure to copy and back up the data on your PMP that you do not want to lose prior to formatting.

RESTORE & FIRMWARE UPGRADES

Upgrading Your PMP Firmware

1. Download the latest firmware for your PMP from www.cobyusa.com. Save this file to the computer.
2. Connect your PMP to the computer. Double-click the Removable Icon that corresponds to your PMP, and then double-click the FIRMWARE folder to open it.
3. Double-click the downloaded firmware file (you may need a file compression utility installed on your computer). In the window that appears, select the file named "UPDATE.BST" and copy it to your PMP's root folder (for example, E:\).
4. Disconnect your PMP from the computer.
5. Press and hold  to turn the PMP off, and then turn it back on. The PMP will update its firmware automatically.



Do not disconnect your PMP from the computer or otherwise interrupt the firmware upgrade —doing so could damage your PMP and render it inoperable.

ABOUT DIGITAL MUSIC FILES

For more information about digital MP3 and WMA files, please visit our website at www.cobyusa.com.

TROUBLESHOOTING

If you have a problem with this player, please read the troubleshooting guide below and check our website at www.cobyusa.com for Frequently Asked Questions (FAQs) and firmware updates. If these resources do not resolve the problem, please contact Technical Support.

COBY Electronics Technical Support

56-65 Rust St.
Maspeth, NY 11378

Hours: Monday to Friday, 8:30 AM–11:00 PM EST
Saturday to Sunday, 9:00 AM–11:00 PM EST

Email: techsupport@cobyusa.com

Phone: 800-681-2629 or 718-416-3197

Web: www.cobyusa.com

The player does not turn on.

- + The battery level may be too low. Try charging the player or operate the player on AC power.
- + Ensure that the Lock switch is disengaged.
- + Try resetting your player (press and hold the Power key).

The player does not turn charge when connected to a computer (USB charge).

- + Try resetting your player (press and hold the Power key).

There is no sound during playback.

- + Check the volume level.
- + Ensure that the headphones are attached securely to the player.

The sound quality of the music is poor.

- + Try playing the file on your computer. If the sound quality is still poor, try downloading the file again or re-encoding the file yourself.
- + Ensure that the bit rate of the file is not too low. The higher the bit rate of the file, the better it will sound. The minimum recommended bitrate is 128kbps for MP3s and 96kbps for WMAs.
- + Ensure that the headphones are attached securely to the player.

TROUBLESHOOTING

The buttons do not work.

- + Ensure that the battery is charged or that the player is operating on AC power.
- + Ensure that the Lock switch is disengaged.

The player will not play my music/video file.

- + Ensure that the file is in a compatible format.
- + The file may be copy-protected. This player cannot play copy-protected files.

The LCD characters are corrupted.

- + Ensure that the correct language has been selected.

The player will not play my video file.

- + Ensure that the video file will play on your computer using Windows Media Player 10. If the file works on the computer, use the same computer to convert the video to a compatible format.

I cannot transfer files to the player.

- + Ensure that your computer is running a supported operating system.
- + If you are running Microsoft Windows 98 SE, ensure that the USB driver has been properly installed.
- + Ensure that the supplied USB cable is securely attached to the player and the PC, or try using another USB cable.
- + If you have connected the player through a USB hub, try connecting the player directly to your computer.
- + Ensure that the player's memory capacity is not full.

The player has malfunctioned.

- + Try resetting your player (press and hold the Power key).
- + Try updating the player's firmware. Please refer to the [Restore & Firmware Upgrades](#) section of this manual for detailed instructions.

SPECIFICATIONS

Display Type	4.3" TFT LCD
Display Resolution	480 x 272
Memory	20GB Hard Disk SD/MMC Card Slot for Expanded Memory Capacity
Audio Format Support	MP3, WMA
Video Format Support	MPEG-4 (ASF, AVI, MP4) XviD (AVI, MP4) WMV9 (WMV, ASF)
Photo Format Support	JPEG (max 3264 x 2448) GIF BMP
FM Frequency Range	87.5 - 108.0MHz
Song Info Support	ID3, LRC
PC Interface	USB 2.0 High-Speed
Plug and Play Support	Windows 98SE/2000/ME/XP or newer Mac OS X
Audio Output	3.5mm Stereo (Headphone) Integrated Stereo Speakers
Video Output	Composite Video
Audio Input	3.5mm Stereo Integrated Microphone
Video Input	Composite Video
Power Supply	DC 5V: Rechargeable Lithium-ion Battery 100-240V AC Adapter

Specifications and manual are subject to change without prior notice.

COBY Electronics Corp.

56-65 Rust Street
Maspeth, NY 11378

www.cobyusa.com
www.ecoby.com

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