



### 6. Clock

#### 1 Clock

- ◆ **Hour/Minute**  
Displays the current clock.
- ◆ **Day/Month/Year**  
Displays the current day.
- ◆ **Setup**  
Set the time and day.  
Press the SELECT button after selecting "Set".



### 7. System

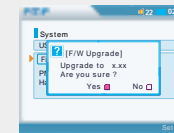
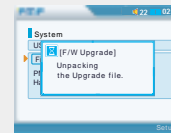
#### 1 USB Device

Displays the device connected to the PMP-100 through the USB Host connection.



#### 2 Firmware Upgrade

Upgrade the operating system of PMP-100.  
Refer to "4-6 Firmware Upgrade" for details.



#### What is FIRMWARE?

It is the operating system that works in the PMP-100. iRiver provides you with the latest and best features through Firmware Upgrade. Visit [www.iRiver.com](http://www.iRiver.com) to upgrade your Firmware.



## 8. Recording

## ① Source

Select the source to record.  
You can select the source to record (External microphone, Internal microphone, Line In).



## ② Samplerate

You can adjust recording quality by setting Samplerate (Sampling ratio).  
You can select 32KHz or 128KHz.  
The higher Samplerate is, the better the recorded sound is and the lower it is, the worse the recorded sound is. Higher quality recordings will create larger files and take up more space on the player.



## ③ Bitrate

You can adjust recording quality by setting Bitrate (Compression ratio).  
You can select the Bitrate to 96 Kbps or 128 Kbps.  
The higher Bitrate is, the better the recorded sound is and the lower it is, the worse the recorded sound is. Higher quality recordings will create larger files and take up more space on the player.



## 8. Recording

## ④ Line In Volume

You can adjust recording level when recording from External equipment.  
(You can set from 0 to 31.)



## ⑤ File

Select the file type to save file recorded.





## Firmware Upgrade



### ① Preparing the Firmware Upgrade

**1** Download the latest firmware upgrade file (PMP-100-Vxxx.zip) from [www.iRiver.com](http://www.iRiver.com).



**2** Unzip the downloaded firmware file and double click the EXE file. This will create the firmware file. (PMP-100.tar)



**3** After connecting the player to the USB, copy "PMP-100.tar" file to the "Root" folder on the player.



● Always use the AC adapter for Firmware upgrade. If not, critical damage to the player may result from to battery shortage.

**4** Safely remove the player from the PC .



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## Firmware Upgrade

### ② Activating the Firmware Upgrade



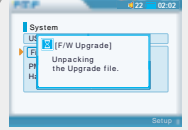
**1** Press the SELECT button after selecting "Setup" by using ◀▶ button.



**2** Press the SELECT or ▶|| button after selecting "System" by using ◀▶▶▶ button.



**3** Press the SELECT or ▶|| button after selecting "Firmware Upgrade" by using ▲▼ button. Automatically unzip the Firmware Upgrade file (PMP-100.tar)



## Firmware Upgrade

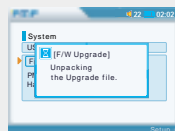
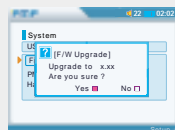


- 4** Press the SELECT button after selecting "Yes" by using ◀▼ button.  
The firmware upgrade is in processing.

Press the SELECT button after selecting "No" by using ◀▼ button to cancel the Firmware Upgrade.



Please be careful while the player is connected to a PC with the USB cable for firmware upgrade. If the PC power is turned off or the USB cable is disconnected while firmware is being upgraded, a HDD error in the player may be generated.



- 5** When the upgrade is done, turn the player off.



- 6** After turning the player on, confirm the Firmware Upgraded operating.

## Solving the problem about the Boot Failure

## ① Precautions for Hard Disk Drive

- The player can not be formatted using the Disc Management Utility or the Format Commander Utility in Windows 2000 and Windows XP since 32GB is the maximum HDD size enabling to be formatted. Because this is not supported at Windows O.S. and the player is not malfunction. You can still use a HDD which is formatted as FAT 32 system on Windows 98 SE or ME.
- The player can be formatted using Windows Explorer in Windows 98 SE and Me.
- The player can be formatted using the HDD Management Utility in Windows 2000 and XP.
- If the player is disconnected suddenly or turned off during file transfer, it may cause data loss and an error screen may display on the player. If this happens, attach the player to your PC and run the Windows Scan Disk utility.

## ② About the Boot Failure

When turns the player on, in case the system file of the player do not agree with the Firmware version of the player or there is any trouble in the FAT32 file system, "Boot Failure" will be displayed because the player do not recognize the HDD.





## Solving the problem about the Boot Failure

### 2 Solving the problem about the Boot Failure

1 Connect the player to the PC and check and recover the error by running the Windows Scan Disk utility.

2 Check the Firmware version of the player when turns on. Download the system file (PMP-100kor-Vxxx-Sysfile.zip) of the same version from [www.iriver.com](http://www.iriver.com). Extract the file and save it to the ROOT folder of the player.

3 Disconnect the player from the PC securely. Check it after the player turns off and on.

4 "Boot Failure" will be displayed continuously at the player turn on, please use the HDD format program in the Windows operating system or HDD Management Utility to format the player's HDD. Repeat step 2~3 to check your player again.

Please request A/S to have "Boot Failure" although you confirm accurately.



## NOTE !



- During playback, dirty or scratched CD's may cause audio distortion or skipping.
- If the file is unable to play due to damage, the damaged part will skip; if it is not possible to play continuously it will skip to the next song.
- Folders and files are sorted in alphabetical order.
- Only regular music file extension with MP3, WMA, WAV, ASF, OGG, AVI, BMP, and JPG can be played.
- The player can recognize the files/folders on the player without limit but 999 files or sub folders in a folder.
- Battery level indicator may vary depending on battery type (Internal/External) and operation mode.
- During audio playback, either the file name or the ID3 information will be displayed.
- When external battery is mounted, maximum play time for video (video-DivX640X480@30fps audio-MP3 128kps, 44.1KHz) is ?? hours and maximum, Audio-MP3(128kps, 44.1KHz) reproduction time for audio is ?? hours. (Reference : Volume Center, TFT LCD Display : OFF)
- Audio of moving picture only supports MP3, WMA. AC3, DTS, AAC, and other formats are not supported.
- Physical shock can cause bad sectors on the Hard Disk inside the player. This can be recovered using Windows Scandisk.
- All data stored on this device may be erased by a excessive impact, a thunder or an electricity failure, etc. on the device. The Manufacturer does not warrant and will not be held responsible in any way for damages or loss of data, including loss of data stored on this device, resulting from a excessive impact, a thunder or an electricity failure. You will be responsible for safe-guarding all data stored on this device.



## Playing

**Q** Can I change the playing order?

**R** The PMP-100 supports m3u file lists. Also, the Program function allows you to select your preferred songs.

**Q** I can not hear an ASF file I recorded onto a disk.

**R** For ASF file format, there are audio file type and motion picture file type. iRiver supports both format, however, in the case of motion pictures, it is possible to only hear sound or not being to play, all depending on the video file format.

**Q** I hear a 'hiccup' sound while the song is playing.

**R** Check the status of the file. What is likely happening is that the file is corrupted, especially if you hear the same sound in the same spot. In this case, it is recommended you to record the file again or download a different file.

**Q** What is VBR?

**R** VBR is "Variable Bit Rate". Some MP3 encoders support VBR. When enabled, the compressor will use a bit rate that will fit the actual passage. If it is a complex part, having much more variation in the sound, it will use a high bit rate. If there is less variation in sound, it will use a lower bit rate. Usually, the average bit rate will not be as high as a same-quality MP3 with CBR (Constant Bit Rate). However, there is shortcoming that it's hard to keep track of the actual position that may not be favorable when studying language.



Should any problem continue after you have checked these symptoms, please contact iRiver customer support.

Trouble	Solution
Player will not power on.	<ul style="list-style-type: none"> <li>• Check whether the HOLD switch on remote is ON. (Switch to OFF position)</li> <li>• Check whether the rechargeable batteries are not charged.</li> <li>• Check that the batteries were properly inserted into the external battery pack.</li> </ul>
AC adapter does not work.	<ul style="list-style-type: none"> <li>• Be sure your adapter is designed to work in the country where it's being used.</li> <li>• Check whether the plug is connected to the proper jack on the player.</li> </ul>
Remote control does not work.	<ul style="list-style-type: none"> <li>• Check whether the HOLD switch is ON. (Switch to OFF position.)</li> <li>• Connect the earphones/remote plug firmly.</li> </ul>
The clock is changed to 00:00.	<ul style="list-style-type: none"> <li>• Check whether the battery is discharged. If the battery is discharged, the clock is initialized to 00:00 after approx. ?? days.</li> <li>• Set the current clock (Refer to page ??)</li> </ul>
The lyric is not displayed.	<ul style="list-style-type: none"> <li>• The player supports the lyric of LDB format.</li> <li>• Set Mode -&gt; visualization to Lyric.</li> </ul>
The subtitle is not displayed.	<ul style="list-style-type: none"> <li>• The player supports the subtitle of SMI format. The caption files (*.smi) that have same name with the motion picture file must be in the same folder.</li> <li>• Check whether the caption is set to "On".</li> </ul>

## 5-2. Troubleshooting!

Additional  
Information



Should any problem continue after you have checked these symptoms, please contact iRiver customer support.

Trouble	Solution
Poor FM Reception	<ul style="list-style-type: none"> <li>Adjust the position of the player and remote control.</li> <li>Electronic equipment can cause interference with the FM reception. Turn off any nearby electronics or move the player away from the source.</li> <li>Earphone and remote control play a role as FM antenna. Then if not connected, connect earphone and remote control to the player.</li> </ul>
Nothing is displayed on the LCD screen.	<ul style="list-style-type: none"> <li>Check the TV/HOLD/LCD switch is set to TV. In that case, nothing is displayed on the LCD screen of the player.</li> </ul>
Image on TV is unstable, flickering, fuzzy, or otherwise non-viewable.	<ul style="list-style-type: none"> <li>What kind of TV do you use? Set up General-&gt;Display-&gt;Video Out according to type supported by your TV or monitor. When you select NTSC (PAL), the motion picture is normally played on the TV for NTSC (PAL).</li> </ul>
Video files are smaller than the screen.	<ul style="list-style-type: none"> <li>The display is determined by the settings used to create the AVI file. Please consult your AVI creation software documentation for settings.</li> </ul>
Video files do not display properly.	<ul style="list-style-type: none"> <li>When playing a motion picture, the loading time of a motion picture is longer than the MP3 or WMA formats because file size to read is larger than its of the MP3 or WMA formats. That is not malfunction.</li> <li>For motion picture file not conforming to product, audio or video may not be able to play. Also screen or sound may show erratic behavior. Check the specification about the file.</li> <li>Only MP3 and WMA format are supported for motion picture audio. It may not play if the formats are AC3 or DTS.</li> <li>AVI files created in higher resolutions than indicated in the Specifications section may not playback properly.</li> </ul>

## 5-2. Troubleshooting!

Additional  
Information



Trouble	Solution
Picture files does not display.	<ul style="list-style-type: none"> <li>The image not adhering to product specification may not display. Please, check the specification.</li> </ul>
Display turns off repeatedly.	<ul style="list-style-type: none"> <li>While playing audio file, the display is automatically turned off to save the battery as the set time passes. You can adjust the backlight time on the Setup Menu.</li> <li>Check whether VOLUME is set to 0 .</li> <li>Connect the earphone/remote plug firmly. Check whether the plug is dirty (clean the plug with a dry and soft cloth).</li> </ul>
Audio files do not play properly. Either no sound is heard or defects are heard.	<ul style="list-style-type: none"> <li>Corrupted MP3, WMA, ASF or AVI file may have distortion or not play. Try playing another music file.</li> <li>Excessive jolting may affect MP3, WMA, ASF and AVI disks during playback. Check it at the stable place.</li> <li>During playback, excessive shock and continuous jolting may cause noise or distortion. Check it at the stable place.</li> </ul>
Characters in LCD are corrupted..	<ul style="list-style-type: none"> <li>Check out Menu General Language and confirm whether the right language has been selected.</li> </ul>
Batteries do not charge.	<ul style="list-style-type: none"> <li>Check whether the adapter plug is properly connected.</li> <li>Fully charged batteries will not accept additional charging.</li> </ul>



## General Specifications

Capacity	20GB	40GB
Model	PMP-120	PMP-140

Category	Item	Specifications
Audio	Frequency Range	20Hz~20KHz
	Headphone output	20mW (L) + 20mW (R) (16%) Max. Volume
	S/N ratio	90dB (MP3)
	Frequency Characteristics	-2dB
	No. of Channels	Stereo(L+R)
Video	LCD	3.5 TFT 320 X 240 Transflective LCD
	Composite Output Type	NTSC/PAL
	Frequency Range	87.5MHz~108MHz
FM Tuner	S/N ratio	50dB
	Antenna	Headphone / Earphone-Cord Antenna
Playtime	Motion picture	? hours (? hours with external battery) (Standard: video DivX640X480 @24fps, Audio-MP3)
	Audio	? hours (? hours with external battery) (Standard: MP3 128kbps, 44.1kHz)
Power Supply	AC Adapter	DC 5.0V, 2A
	Built-in battery	Li-Ion 2400mAh
	External battery pack	1.5V AA battery x 4ea
General	Dimension	Approx. 139(W) X 84(D) X 31.7(H)mm
	Weight	Approx. 280g (including Built-in battery)
	Operational Temperature	0 °C ~ 40 °C



## File Specifications

Category		Specifications
Audio	File Type	MPEG 1/2/2.5 Layer3, WMA, ASF(Audio), OGG
	Bit Rate	8kbps~320kbps
	Tag	ID3 V1, ID3 V2 2.0, ID3 V2 3.0
Video	Video type	AVI (DivX3.11, 4.0, 5.x, XviD),
	Audio type	ASF (DivX3.11, 4.0, 5.x, XviD)
	Video Bit Rate	MPEG 1/2/2.5 Layer3, WMA up to 2Mbps
	Audio Bit Rate	8kbps~320kbps Maximum 2Mbps support
	Video Resolution	DivX 5.x : maximum 720 x 480 @ 30fps DivX 4.0 : maximum 640 x 480 @ 30fps DivX 3.11 : maximum 352 x 240 @ 30fps
	Video Frame Rate	Support maximum 30fps
	Caption	Support SMI Format
	File Type	Baseline (Non-progressive) JPG, BMP (Mono, 4, 8, 24 Bit)
Image	Resolution	JPG : 3100 X 2100, 6MPixel
		BMP : 800 X 600



1. For damaged audio or motion picture file, screen or sound may show erratic behavior or may not be able to play.
2. If video resolution is larger than product specification, screen or sound may not play.
3. Other than MP3 or WMA, motion picture audio format (AC3, DTS, AAC, etc), may possible only to display without sound or not being able to play at all.
4. Motion picture formats (WMV etc.) other than DivX may only play sound without picture or not be able to play at all.
5. For AVI file not conforming to product specification, Virtual Dub or other similar software can be used to convert to product specification conforming format to play properly.
6. For XviD motion picture video format, depending on encoding program, some may not be able to play.
7. Only Baseline (Non-progressive), JPG and BMP image file are supported.
8. Image files may not display if files are larger than specification, or they are damaged.



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 UNDESIRE OPERATION.

NOTE: THE MANUFACTURER IS NOT RESPONSIBLE FOR ANY RADIO OR TV INTERFERENCE CAUSED BY UNAUTHORIZED MODIFICATIONS TO THIS EQUIPMENT. SUCH MODIFICATIONS COULD VOID THE USER'S AUTHORITY TO OPERATE THE EQUIPMENT.

NOTE: This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

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