User Manual

Thank you for purchasing our product.

Please read this manual carefully before use for
your safety and convenience.

PORTABLE MULTIMEDIA PLAYER

■ Contents

■ Safety Instructions

This is to prevent damages on user's property and to secure user safety.
Please read carefully for safe use.

	Avoid water or chemicals and use dried cloth for cleaning.
	Incomplete connection to power point may cause fire. Avoid any heat generating metal product from the power point.
	Avoid multiple power connection into one power point and gently plug it out with firmly holding it.
	Do not bend electric cord or touch with wet hand, which may cause fire or electric shock.
	Placing product in wet and dusty place may cause malfunction.
	Do not dissemble, repair, or reconstruct without authorized technician.
	Avoid putting heavy objects, cup, cosmetics, chemicals, or vessel with water on it.
	Avoid using multiple buttons at one time. This may cause malfunction or failure of product.

■ Safety Instructions

	Keep it away from direct sunlight or heat generating objects.
	Connect USB, earphone and plugs correctly as instructed.
	Avoid shock or impact on the product and keep it away from magnetic or vibration.
	Do not drop it from height. This may cause damage to the internal hard disk. Dropping from height or external shock may cause data loss and failure.
	It is user's responsibility for losing downloaded file or contents. Back up all your data into your PC safely.
	Prevent metallic objects such as coins or hair pins, or flammable materials from getting into the product.
	Keep the product away from too hot/cold or wet place.
	Do not dry wet product with heater or microwave. Dry avoiding direct sunlight after removing moisture.

■ Components and Features

Speaker (Left)   Speaker (Right)

Earphone
AV IN
AV OUT
USB 2.0 Device
USB Host
DC Input

Charger Lamp
Power Lamp
Recording
A/B button
Volume up
Rewind forward
Menu
Rewind backward
Volume down
Play
Stop
Microphone

Power

Hold
LCD
TV out

Reset
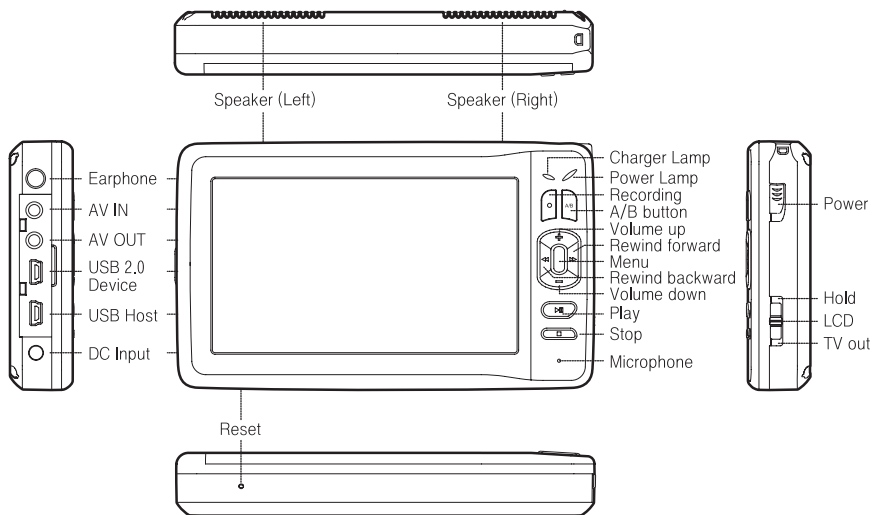
Accessories

Earphone   AV RCA cable   USB cable   USB host cable
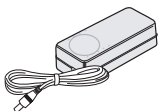
Charger   Pawer cable   User manual

■ Charging Battery

Charge the battery or use adapter when Battery is low (Low battery icon will be shown in the screen)
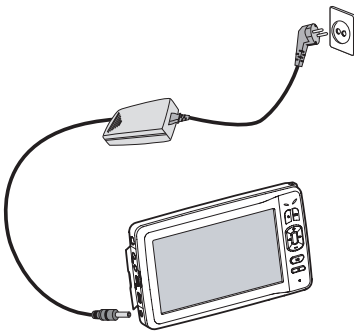
Connecting adapter will automatically charge battery.

- Discharge battery completely once a month and recharge it for long life.
- Charging time after complete discharging
  Adaptor : About 5 hrs
  USB : About 6 hrs
- Charging lamp
  Red : in charging
  colorless: charging completed

Charging with USB
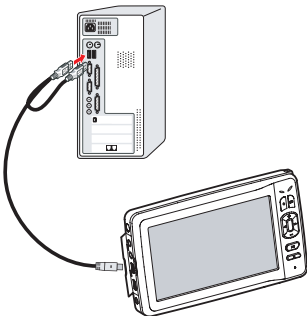
- For charging, connect USB cable between product and PC.
- Charging with USB may take longer than Adapter. Red lamp is on during charging battery.
- Turn the power off during charging battery when you use PC link function.
- Set function does not work during USB connected but works when connected to PC.
- Make sure to connect USB cable firmly to both PC and PMP for smooth data transfer.

■ Safe use of Battery

Battery contains 3.7v 4100mAh Lithium Polymer. Read below carefully for safe use of product and longer battery life.

- Dropping from height may cause failure, overheating and explosion.
- Do not separate battery from the product.
- Keeping product near heat generating objects may cause overheating and explosion.
- Using non-recommended battery may cause overheating, explosion and failure.
- Keeping the product sealed hot place such as interior of car getting direct sunlight may cause deformation of product and explosion. Keep it between 0℃ ~ +40℃.
- When your skin gets contaminated with liquid from broken battery, wash your skin sufficiently with running water for 1~2 minutes.
- Avoid impact or shock by sharp object. It may cause explosion.
- Excessive use during charging may interrupt charging and may cause explosion by overheating.
- Battery is a consumable with limited life.
- Visit authorized service centre and use authorized battery.
- Do not use battery for other purposes. It may cause unexpected incident.

■ Turning On/Off
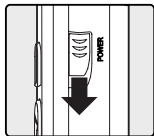
Slide down power button to start the main screen.

Turning off

• Slide down power button to turn it off.

■ Main screen

Use arrow button to show sub menus.

PLAY

RESUME

REC

SETUP

STATUS ICON

RESUME
VIDEO
AUDIO
TEXT
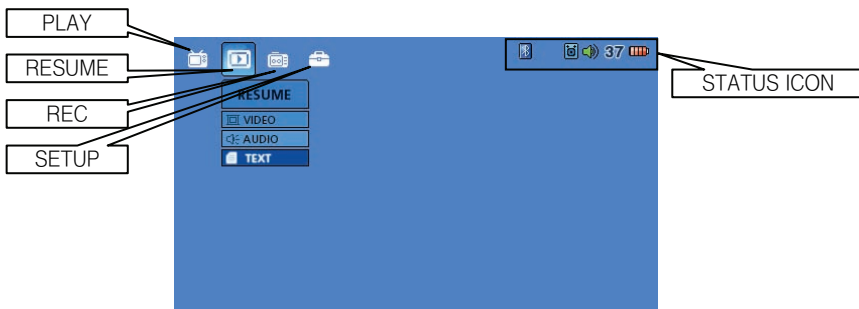
• **PLAY**   Edit or play in the file browser.
• **RESUME**   Continuous play of VIDEO, AUDIO and TEXT files.
• **REC**   Record with A/V, LINE, VOICE mode.
• **SETUP**   Change product configuration and register with Blue tooth device or
                        upgrade Firmware.
• **STATUS ICON**   Battery status/adapter connection, Volume(0~40), Mute,
                        speaker/earphone/blue tooth output, hold.

■ Compatible files

Incompatible files can be converted via Transcoder to be played with our product. Enjoy animations or movies with Transcoder technology. (Please refer to page 34)

● **Viewable File formats without Transcoder.**

- Animation / movies
  - recorded files with our products.
  - File Format : AVI, ASF, WMV, MPG, MP4, M1V, M2V, MPV
  - Video Codec : Divx 3.11/4/5, XviD, MPEG4, WMV9 MP@LL, H.264, MPEG2

- Music
  - MP3, WMA, OGG, WAV

- Other file formats can also be played with our Transcoder technology.

● **Notes**

- Movies, music or DVD files protected by copy rights should not be downloaded, copied, nor converted with Transcoder.

- After purchasing our product, we recommend you to install the program into your PC.

- Divx or Xvid files may not be played without appropriate codec. Change file format accordingly with Transcoder and play.

- Include subtitle when using Transcoder for minimum errors.

● **Copy Rights**

- Contents of software, music video, animation and movies with copy rights are protected by law.

- It is user's responsibility to use this product for illegal copy of any contents with copyright protected by law.

Installation program

Installation program is pre-installed in this product when its purchase. Connect USB cable to copy the program into your PC.

■ PLAY Menu

Open browser window with play menu. Choose files to play and press play button.
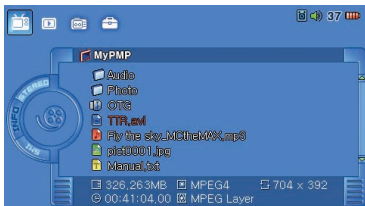
- Select file and press [▶II] to play.
- It plays same files repeatedly within the folder where the first files were selected.

Movie player (Refer to page 13)
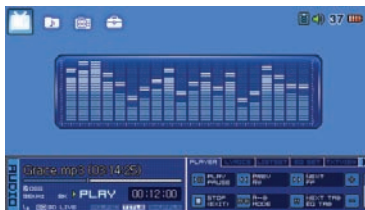
Audio player (Refer to page 15)

Image player (Refer to page 18)
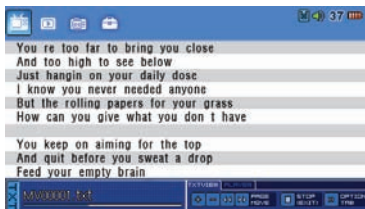
Text player (Refer to page 19)

■ Setting Browser Screen

Stereo sign

Stereo sign for selected files

Preview/File type

Preview (or File type icon) for selected video or image file.

LDB/SMI Sign

Shows subtitle and Lyrics for selected file.
LDB : Lyrics
SMI : Subtitle

File information

Displays file information.
File size/Resolution/Video Codec/Running time/Audio Codec

MyPMP
- Audio
- Photo
- OTG
- TTR.avi
- Fly the sky_MCtheMAX.mp3
- pict0001.jpg
- Manual.txt

326,263MB ⊞ MPEG4 704 x 392
00:41:04.00 MPEG Layer

Legend for File Icons

Folder

OTG link folder

Video File

Audio file

Image file

Text file

System file

Non-playable file

■ Browser POP UP Menu
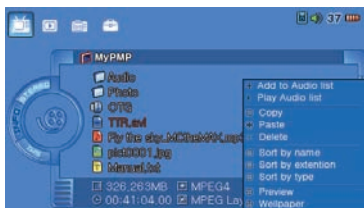
Select files in browser and press [M], then a pop up will turn up for setting up play lists, file copy/past/delete and file sorting. Press [II] after selecting wanted menu.

Press[■] to close pop up after finishing setup.

Add to Audio list
A pop up will turn up after selecting audio file and pressing [M button]. Select files and select "Add to Audio list" to add audio files to play lists.

Play Audio list
'Play Audio list' plays files selected by previous user. To view play lists, press [M] in audio play screen and select "List set" again.

Copy
Copy files or folders.

Paste
Pastes copied files or folders.

Delete
Delete files or folders.

Sort by name
Sort files by its name.

Sort by extension
Sort files by its extension.

Sort by type
Sort files by its type.

Preview
Turn on/off preview of movie or image in the browser.

Set Wallpaper
Set wallpaper you want.
Select image files (jpg,bmp,tiff.gif) and press [M], then select "Set Wallpaper" in the pop up window and press [▶II].

Use 480x272 pixels for image size which is optimized resolution for PMP.

■ Playing Video files

● Playing Video files with browser

Select PLAY in the main menu and use [arrow key] to choose files to play, then use [▶II] or [▶▶].

Movies will be played in movie player screen.

● Viewing movies in RESUME Menu
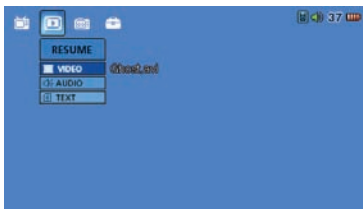
Select 'VIDEO' under 'RESUME' Menu and the most recently played file will be displayed. Press [▶II] will play from the last played position.

Check below when no sub menus are available under 'Resume' menu.

- After shipment from factory or no files were previously played.

- System/Syetem ini files were deleted.

- System default is set in 'Set up' menu.

- Files to be played are deleted.

- File name has been changed.

- Abnormal power-off or reset.

■ Setting options for playing movies

Press [M] during playing movie to change settings in the option.
Press [◀◀/▶▶] to move between menus and use [+/−] to change settings. Press [■] to finish.

PLAYER

Operations to play movies.

	Rewind backward/forward up to x2〉x4〉x8〉x16〉x32〉x64〉x128 or vice versa
	Play/Pause
	Stop
	Move to option menu
	Volume

OP 1

- **REPEAT**
  FOLDER : Repeat all
  ONE : Repeat current file only
  OFF : No Repetition

- **RATIO**
  Change screen ratio

- **SUBTITLE**
  Sub−title on

- **SYNC**
  Sub−title synchronization

OP 2

- **MUTE MODE**
  Turn the sound off

- **SPEAKER**
  Turning on/off internal speaker

- **LCD BRIGHT**
  LCD brightness tuning

- **PIC BRIGHT**
  Screen brightness tuning

■ **Playing music files**

● **Playing music files with browser**
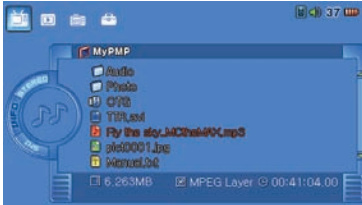
Select 'PLAY' in the main menu and choose files to play, then press [▶ll].
Press [◀◀/▶▶] to change menus and use [+/−] to change settings. Press [■] to finish.
Press [M] to edit play lists. (Refer to page 13)
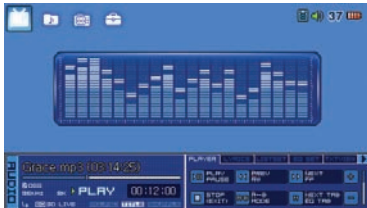
Audio files will be played in audio play mode.

● **Playing audio files in RESUME menu**
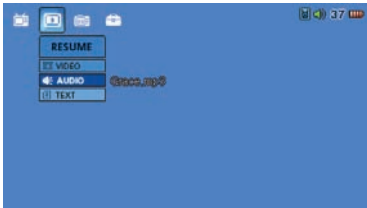
Selecting 'Audio' under 'RESUME' menu will display the file one after last flayed file. Press [▶ll] to play.

Check below when no sub menus are available under 'Resume' menu.

- After shipment from factory or no files were previously played.
- System or System ini files were deleted.
- System default is set in Set up menu.
- Files to be played are deleted.
- File name's been changed.
- Abnormal power−off or reset.

■ **Setting options for playing audio files**
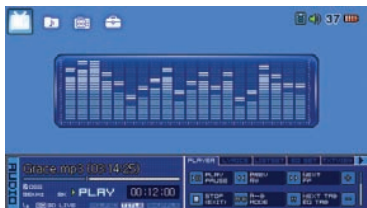
Press [M] during playing audio files to change setting in the right.
Press [◄◄/►►]to move between menus and use [+/−] to change settings. Press [■] to finish.

PLAYER

Operations to play audio files.

▷❙❙	Play/Pause
☐	Stop
▷▷	Press : Play next music Press and hold : rewind
◁◁	Press : Move to the beginning of file after 10 seconds' play Move to the previous file back to 10 second's play Press and hold : rewind
A-B	Repeat Press : setting the length of session to be repeated. Press and hold : toggling repeat mode (Off→One→All)
M	Move to menu
✛ ━	Volume

LYRICS

A preview window for viewing Lyrics will appear only for audio files with sub title.
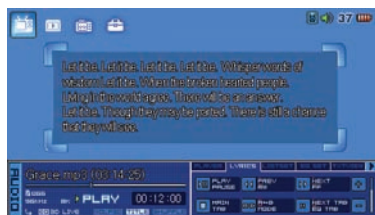
LIST SET

Press [M] and select "LISTSET" to see file list. Press [+/−] to choose audio files and press [M] or [▶ll] to bring pop up window.

File list pop up
Play File : Pplay current file
Add To List : Move to selected file list.

Switch−over between file list and play list
Press [◀◀/▶▶] to switchover

Play list pop up
Play File : Play current file
Del from List : Delete file

EQ SET

- **EQ SELECT**
  Setting EQ mode

- **WOLFSON3D**
  Setting WOLFSON3D

- **3D DEPTH**
  Setting 3D DEPTH

- **BASS BOOST**
  Tuning for low frequency sound

- **TRBL BOOST**
  Tuning for high frequency sound

- **BALANCE**
  Tuning speaker output

OP 1

- **MUTEMODE**
  Turning off sound

- **REPEAT**
  ALL : Repeat all
  ONE : Repeat current file only
  OFF : Canceling Repeat mode

- **SHUFFLE**
  Random play

■ **Viewing Image**

● **Viewing Image in PLAY menu with browser**
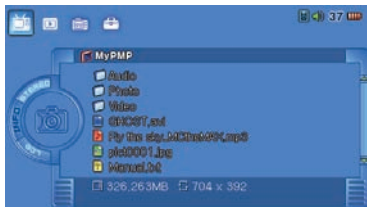
Select 'PLAY' in the main menu and choose the image file to play and press [▶II].

Image player will appear and images will be played.

■ **Setting options for playing images**

Press [M] during playing images to change settings in the option window.
Press [◀◀/▶▶] to move between menus and [+/−] to change settings. Press [■] to finish.

PLAYER
Operations for playing image.

Zoom in 200%	
Pan in zoom mode	
Go to Previous/Next image Pan in zoon mode	
Stop Releasing zoom mode	
Move to option menu	

OP 1

- **SLIDESHOW START**
  Displays images from current image
- **SLIDESHOW TIME**
  Setting slideshow frame rate
- **LCD BRIGHT**
  LCD brightness tuning
- **PIC BRIGHT**
  Display brightness tuning

■ **Viewing Texts**

● **Viewing Text in PLAY menu with browser**
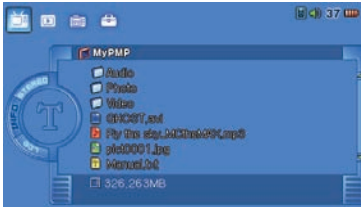
Select 'PLAY' in the main menu and choose text file to play and press [▶II].

Compatible files have '.txt' extension.
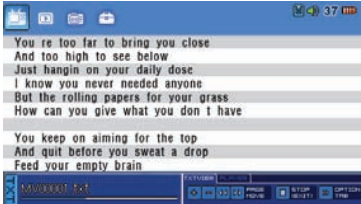
Text will be viewed after preview.

● **Viewing Text in RESUME menu**
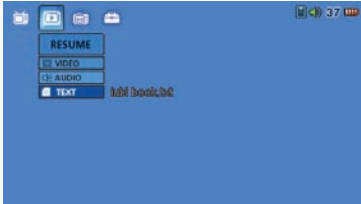
Selecting 'Text' under RESUME menu will show the file viewed last time. Press [▶II] to resume from previously played position.

Check below when no sub menus are available under 'Resume' menu.

- After shipment from factory or no files were previously played.
- System or System ini files were deleted.
- System default is set in Set up menu.
- Files to be played are deleted.
- File name's been changed.
- Abnormal power-off or reset.

■ Connecting to external devices for recording

When using this product for recording.

Yellow : image
Red : voice (right)
White : voice (left)

AV OUT   AERIAL IN
AV IN

Connecting to AV IN

Locate to LCD.

TV LCD HOLD

VCR/DVD   Movie camera   OUT   Sign flows   IN
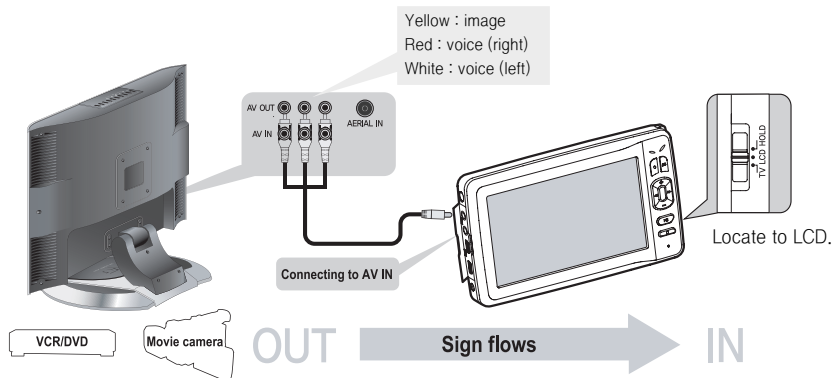
■ Sending output to external devices

• This product can be connected to external display devices such as TV to send images out or record.

• Quality and resolution of this product depends on TV resolution and may not be supported.

Yellow : image
Red : voice (right)
White : voice (left)

AV OUT   AERIAL IN
AV IN

Connecting to AV OUT

Locate to TV.

TV LCD HOLD

VCR/DVD   Movie camera   IN   Sign flows   OUT
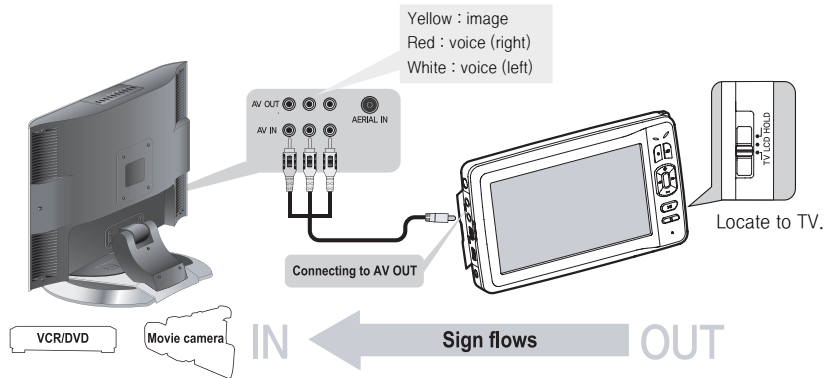
■ Recording

● Recording (Audio/Video)
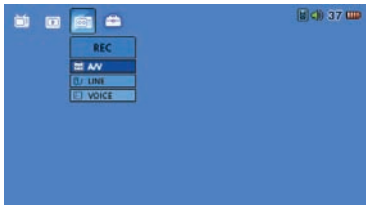
Connect this product to external devices and select 'A/V' under 'REC' menu.

Press [▶II] after preview to start recording. Press [■] to save "av rec0.asf" file into PMP hard disk.

● LINE/VOICE Recording

[Line] Recording − Connect this product to external device and select 'LINE' under 'REC' menu.

[VOICE] Recording − No Connection is required.
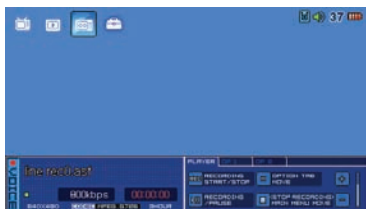
Select 'LINE(VOICE)' under the 'REC' menu.

After 'Recording player screen' shows up, press [▶II] to record voice through 'AV IN' (using internal microphone).
Press [■] to save "line(voice) rec0.asf" file into PMP hard disk.

■ **Setting options for Recording**
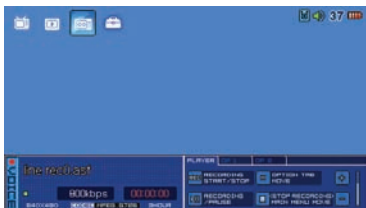
Press [**M**] during recording to change setting in the option window right side.
Press [◀◀/▶▶] to move between menus and press [+/−] to change settings. Press [■] to finish.

PLAYER

Operations for Audio/Video Recording.

REC	Start/Stop Recording
▶❚❚	Start/Pause Recording
☐	Stop/Back to main menu
M	Move to option menu
➕ ➖	Volume

OP 1

- **REC TIMEOUT**
  Setting recording time

- **REC QUALITY**
  Recording quality tuning

OP 2

- **MUTE MODE**
  Turning off sound

- **SPEAKER**
  Turning off internal speaker

- **LCD BRIGHT**
  LCD brightness tuning

- **PIC BRIGHT**
  Display brightness tuning

■ SET UP

● GENERAL

Select 'GENERAL' under 'Setup' menu and press [▶II]. Then press [M] in the 'Setting' window to change menu.
Press [◄◄/▶▶] to move between menus and use [+/−] to change settings. Press [■] to finish.

VIDEO

● **SUBTITLE**
Turning on sub title

● **REPEAT**
FOLDER : Repeat all
ONE : Repeat current file only
OFF : No repetition

● **RATIO**
Setting Display Ratio

AUDIO

● **PRESETS**
Setting EQ mode

● **REPEAT**
ONE : Repeat current file only
ALL : No repetition
USER LIST : Repeat the fist in the current folder
OFF : No repetition

● **SHUFFLE**
Random play

IMAGE

● **SLIDE SHOW**
Setting slide show frame rate.

■ SET UP

● DISPLAY

Select 'DISPLAY' under 'SETUP' menu and press [▶II]. Then press [M] in the setting option window to change menus.
Press [◀◀/▶▶] to move between menus and use [+/−] to change settings.

Press [■] to finish.

- **LCD BRIGHTNESS**
  LCD brightness tuning
- **PIC BRIGHTNESS**
  Screen brightness tuning
- **LCD TIMEOUT**
  LCD backlight timeout tuning
- **VIDEO TYPE**
  Setting output type

■ SET UP

● SYSTEM

Select 'SYSTEM' under 'SETUP' menu and press [►II]. Then press [M] in the setting option window to change menu.
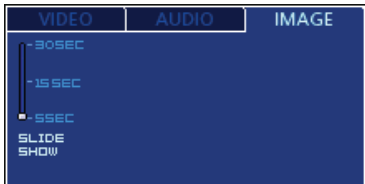Press [◄◄/►►] to move between menus and use [+/−] to change settings.

Press [■] to finish.

SYSTEM

- **MUTE**
  Turning off sound

- **SPEAKER**
  Turning off internal speaker

- **POWER TIMEOUT**
  Setting System Power timeout

- **PASSWORD**
  Set up or change password
  NEW : Set up a new password
  ON : Password function ON
  OFF : Password function off

- **FACTORY RESET**
  Setting back to Factory Default setting

VERSION

Check current firmware version.

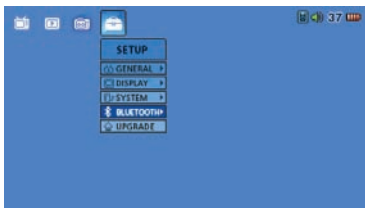PMP2500 VER, 1,16

HDD available : 2,247GB

■ SET UP

● BLUETOOTH

Connect Bluetooth headset device to this product.
The maximum effective distance between headset and this product is 10m.
The quality will be sensitive to any interruptive objects such as wall or doors

Connecting Bluetooth device

Choose 'BULETOOTH' in the SETUP menu and press 'play' to bring 'AUTO/OFF/NEW CONNECTION' menu.

1. AUTO

Configure to connect to bluetooth device automatically with power on.
It will automatically try to connect to most recently connected device. (Up to 7 devices are memorized and any one of these will be connected automatically) If there is no information about recent connection or any defect on device or no devices to be connected, 'Disconnect status icon' will appear. If the connection is successful, 'Connect status icon' will be shown. This may take dozens of seconds but setting operation will be performed normally.

2. OFF

If you want to turn off automatic connection and prefer new connection every time, refer to No'3.' below (This will terminate current connection)

3. NEW CONNECTION

Search devices available around and to choose list. (Turn off and restart if it's connected.)
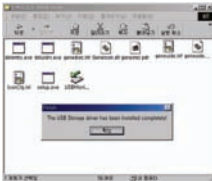
■ Installing USB Driver

USB driver will need to be installed manually if the operating system is WINDOW 98 or below .

USB20 Mac Driver   USB20 WIN98 Driver

1 Download 'USB20 WIN 98 Driver' from customer service www.merlin-me.com.

2 Open install program and choose 'USB20 WIN 98 Driver' from the CD.
We advise you to choose suitable driver that is compatible to OS after selecting 'USB20 WIN 98 Driver' for Mac users.

3 Run 'SET UP'.
Connect USB cable after installation.

For Window 98 OS users, download driver from our website as PMP will not be connected to your PC without appropriate driver installation though drivers are pre-saved PMP hard disk.

■ Upgrading Firmware

Download from our homepage to upgrade your system.

1. Connect this product to PC with USB cable.

2. Visit our website www.merlin-me.com

3. Select customer Center 〉 Download 〉 Necessary software.

4. Choose Firmware upgrade icon.

5. Download Upgrade file.

6. For safety purposes, back up files from the 'Upgrade' folder in PMP hard disk to PC
   and delete files from PMP.

7. De-compress downloaded file and copy into 'Upgrade' folder within PMP hard disk.

8. Turn off and restart.

9. Select 'Upgrade' in the SETUP menu and choose "YES" to upgrade.
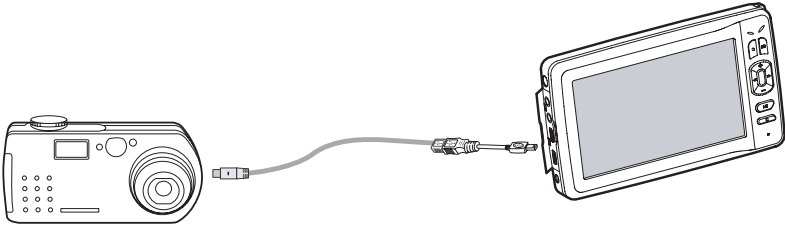
■ USB Hosting

You can transfer data to external devices by connecting USB cable.
-Camera, USB storage, External Hard disk

Connect to external devices by using USB host cable.

OTG connection Icon will appear in the main screen.

When OTG icon appears in browser, press [M] to move/copy/delete file or folder in the pop up menu.

Always make it sure to turn on external devices when you make connection to external devices by using USB host cable.

■ Connecting Player to PC

- Do not turn off when USB cable is connected. This may cause malfunction or failure.

- When using USB hub, PC may get unstable for interface reason and Data may be corrupted.

- Using extended USB cable may cause damages on data.

- This product is compatible both to USB2.0 and USB1.1.
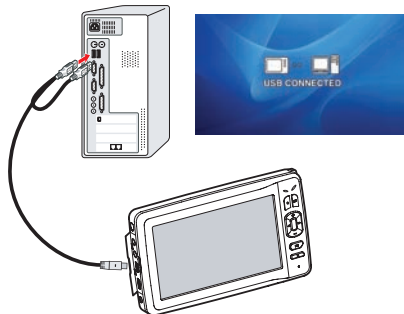
■ Disconnecting PC

Run 'Safely remove hardware' to disconnect USB cable to protect your system.

- **When using Windows 98 or below**

1. Double-click [My computer] in the Desktop screen.

2. Right click [Removable disk].

3. Click [Eject] in the menu and check [Removable Disk] icon disappears. If it still remains, wait for a moment and try again.

4. Disconnect USB cable from PC.

- **Windows 2000/ME/XP or Above**

1. Double click [Safely Remove Hardware] from the status bar.

2. A dialogue window for [Safely Remove Hardware] will appear.

3. Click stop (S) button.

4. Completion message will appear in the bottom of screen.

1. Menus and messages may be different according to operating system and personal settings.

2. If the product does not function correctly after removing USB cable, use [RESET] button in the lower part of the product as there may be problems with data trasferring.

3. When upgrading Firmware, or disconnecting USB cable during data transferring, or if there was interruption during file downloading, the product may not work properly even after restarting. Complete downloading and remove any hardware safely to disconnect USB cable. If the product still does not work try upgrade again.
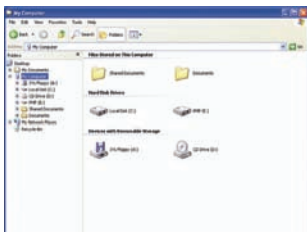
- **Playing** PMP file with PC

  Connecting to PC with USB CABLE will enable you to enjoy movies and music files saved in the product. MPEG-4, Dvix, Xvid codec must be installed within PC.
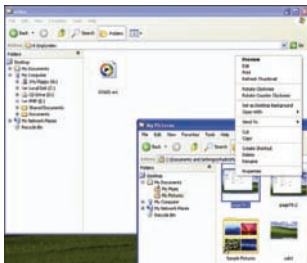

- Copy/Move/Delete

  Saved movie, music and image files can be copied, moved, and deleted from your PC.

After connecting PC and the product with USB cable, make sure that PMP(*:) is properly connected into PC.

Open the folder where movies and music files located and check the files.

After selecting files drag and drop them into proper folder or use appropriate command to copy or move the files.

Delete selected files.

Deleting System folder may bring the settings back to factory default.

■ Managing Hard Disk

As hard disk installed internally, run 'Disk defragmenter' regularly when it performs very slow or memory runs out. Follow instructions below.

When using Windows XP

Select the driver of this product and right click → 'Property' → 'Tools' → 'Disk Defragmenter'

When using Windows 98

'Start' → 'Program' → 'Accessories' → 'System tools'

■ Using as portable mass storage

This product can be used as portable mass storage.
Please be careful about below when using this product as back-up device or using as portable mass storage by connecting PC.

- Installed hard disk drive is sensitive to impact and any impact on the product may cause data loss or damage to the hard disk. Do not use this product for long-term data storage.

- Make sure it is powered on when using long time by connecting to PC. Use fully charged battery or power adapter. Short of battery during data transferring will cause problems.

- Run "Safely Remove Hardware" menu when disconnecting USB cable from PC and make sure the connection during the data transferring.

- It is user's responsibility to lose data or downloaded files, therefore always back up files into PC.

■ Before using Transcoder

Functions of Transcoder
- File converter
- DVD Player
- DVD Converter
- QuickTime(MOV/QT/MP4) Converter
- Advanced DVD Converter
- RealVideo Converter

Files that can be converted
- Movies : Unsupported file types need to be converted.
- Setting out Transcoder options : No option settings required as files will be converted automatically on importing.
- Check if the files corrupted when errors occur or change image size by using [Image Resizing] button in the left lower part.
- When performing first after program installation, connecting this product to PC will disable security code, which will enable you to use afterwards.

Required system

Recommended system requirement
Pentium3 1G or above | Memory 256MB or above | Microsoft DirectX supported VGA | Soundcard

OS
Microsoft Windows 98 | Microsoft Windows ME | Windows 2000 | Windows XP

■ Installing Transcoder

1. Double click
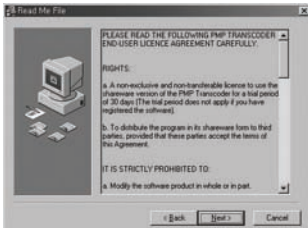   "iubi_transcoder_setup.exe" within
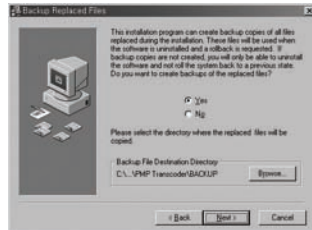   "PMP_UTIL" folder.

2. Select "NEXT".
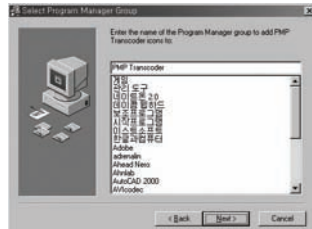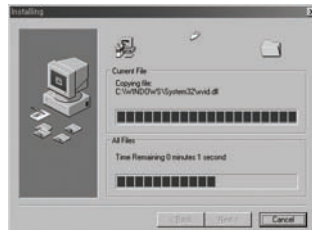

3. Select "NEXT".
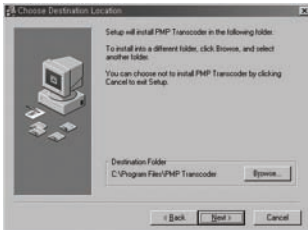
4. Select "NEXT".

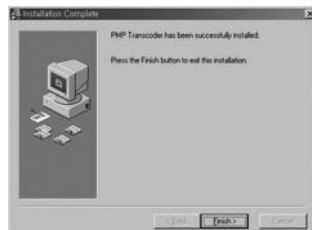5. Select "YES", then "NEXT"

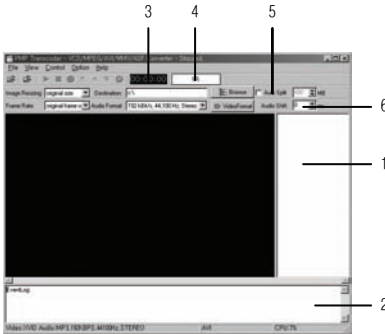6. Select "NEXT".

7. Then installation will begin.

8. Select "NEXT" and press 'Finish'.

■ Using Transcoder

Press [Start] in the lower left part then go to [Program(P)] → [PMP Transcoder] → [PMP Transcoder] , or double click PMP Transcoder icon in background.


Transcoder window

1. File lists window ：Displays currently opened files.

2. Status bar：Show status for currently running command.

3. Playing time and estimated file converting time：displays Playing time or estimated time for file converting.

4. Play and converting status sign：Displays play or file converting status.

5. Assigning file size：Use when converted file needs to be divided into sections.

6. Setting audio file synchronization：Use to match sound to the original audio file.

Menu bar

- Opening files to be converted will set out options automatically.

- Image Resizing：Decide file size (Limit the resolution under 640x480 when the original size is 640x480 or over)

- Destination：Locate converted file.

- Frame Rate：Setting out the frame rate.

- Audio Format：Setting audio file sampling frequency and bit-rate. Defaults are 192kBit/s, 44.100Hz, stereo.

- Video Format：Video option setting window (Automatic setup)
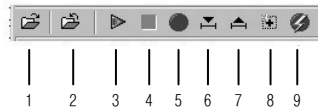
Icons

1. Open

2. Close

3. Play

4. Stop

5. converting selected files

6. Set starting point of a section file converting

7. Set ending point of a section file converting

8. Convert all of the current file

9. Run section converting

■ Using Transcoder

Menu
File
- Open VCD/MPEG/AVI/WMV/ASF/VOB files :
  Open the file to be converted
- Close current File:Close current file
- Add movie Files to List : Add movie Files to List
- Remove checked Files from List : Remove checked Files from List
- Clear File List :
 Clear current file list
- Exit : Exit Transcoder

View
- Show/Hide LogInfo : Show/Hide Log Info
- Show Mixer : Show audio option setting window
- Toggle Window/Full screen Mode :
  Full screen mode (Toggle with 'esc')

Control
- Play : Start file converting
- Stop : Stop file converting
- Check All Files :
  Select all files from the file list
- Uncheck All Files :
  Unselect all file from the file list
- Set Begin Position For Converting :
  Set beginning point of section file converting
- Set End Position For Converting :
  Set end point of section file converting
- Set whole File For Converting :
  Convert whole file
- Convert All checked Files :
  Convert all checked files
- Convert Current File from Begin Position To End Position :
  Convert selected sections of current file

Option
- Setup Watermark :
  User preferred icons or letters can be inserted into converted file. 'bmp' is the only compatible file format.

- Enable Audio : Enables audio files
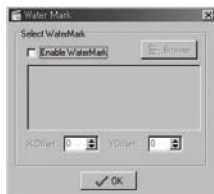
Choose files with Browser button

Help
- Help : Help

- About PMP Transcoder :
  Displays program version and information

- Download QuickTime Player :
  Shows link to the website where QuickTime Player can be downloaded.

- Download Real Player :
  Shows link to the website where Real Player can be downloaded

- Download Other Codecs :
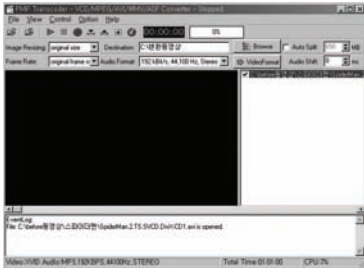 Shows link to the website where Codec can be downloaded

■ Converting whole file

1. Set folder location by using browser, where converted files are to be saved.
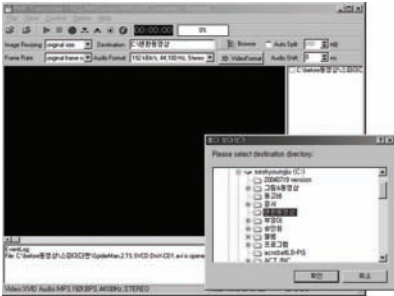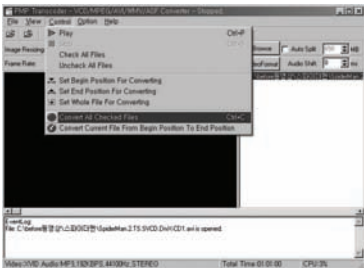

2. Select File → Open
   VCD/MPEG/AVI/WMV/ASF/VOB File
   Select files to be converted.

3. File name will appear in the right.
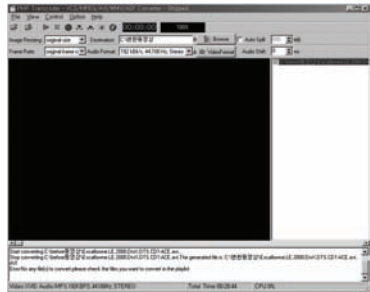   Check files to be converted.

4. Choose 'Control' → 'Convert All Checked File' to start converting process.
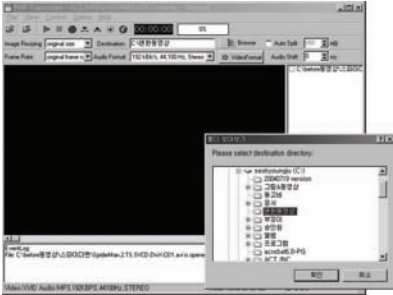

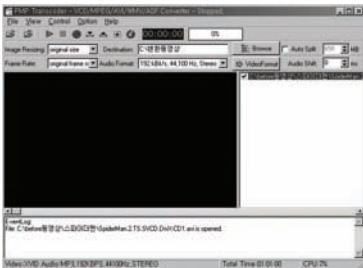5. File converting status will be shown as %.

6. File converting completed.

■ Converting part of file

1. Set folder location with browser to save converted files.
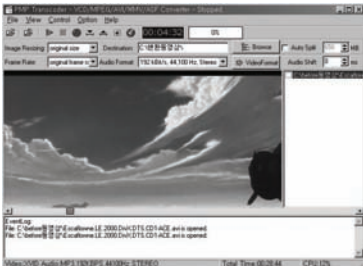

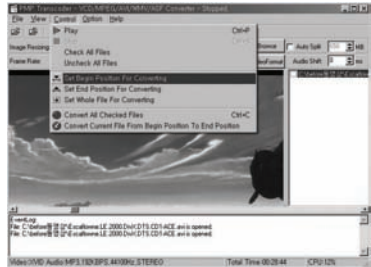2. Select 'File' → 'Open' VCD/MPEG/AVI/WMV/ASF/VOB File to convert.

3. File names will appear in the right. Check files to be converted.


4. Move the button on the status bar in the bottom to the starting point of converting.


5. Select 'Control' → 'Set Begin Position For Converting' menu in the pop up to set starting position of sectional file converting.

6. Same as setting starting position, move the button on the status bar to end position and select 'Control' → 'Set End Position For Converting' in the pop up menu to set the end position of file converting.
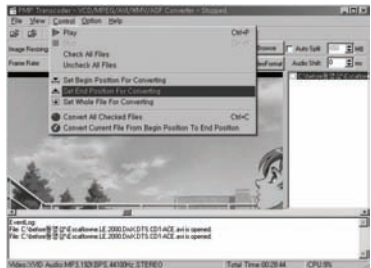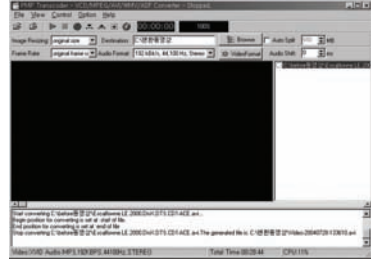

7. Select 'Control' → 'Convert current file from the beginning position To end position' in the pop up menu.
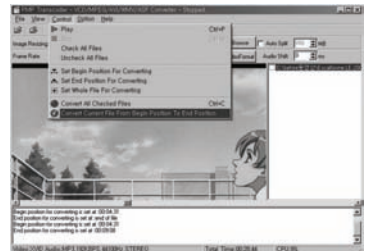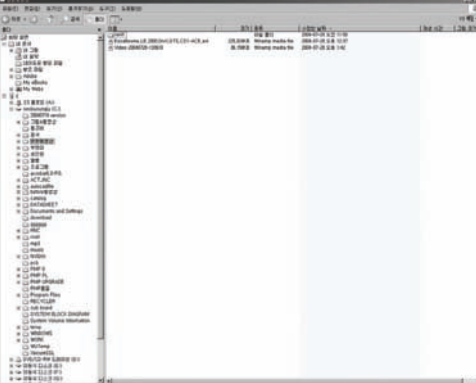
8. Sectional file converting will start.

9. File converting completed.

Review converted movie file.
Converted file name is identical to the original file name.
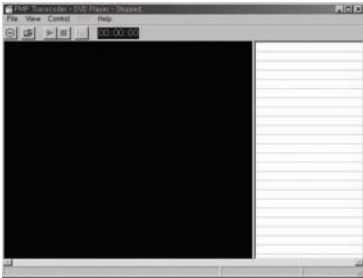In case of duplicate file name, 'video-yy/mm/dd' will be added.

When it's non convertible or there are error messages please check if the original file is not corrupted and try different resolution by using "Image Resizing" in the left upper part of the screen.

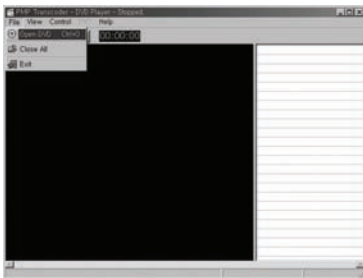■ **DVD PLAYER** – Playing DVD

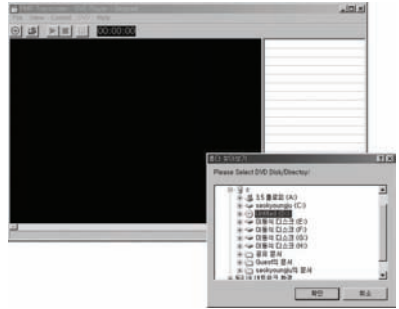1. Select 'Functions' → 'DVD Player' in the menu.
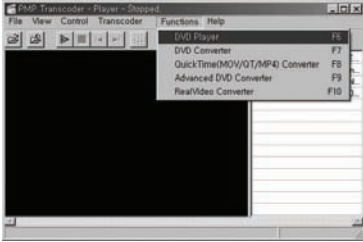
2. You will see screen below.
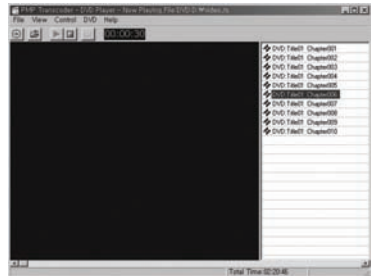

3. Select 'File' → 'Open DVD' from the menu.

4. Choose 'DVD' and play.

5. Double click 'Chapter list' to play in the right.
   Stop or play by using 'Control' menu.

■ Using DVD Converter

Convert DVD to PMP compatible file format.

'Advanced DVD Converter' features more improved functions than 'DVD Converter'.

Menu
File
- Open DVD/DVD directory :
  Open files to be converted
- Open Info File : Open Info file
- Open VOB File : Open VOB file
- Close All : Close DVD file
- Exit : Exit DVD Converter program

View
- Show/Hide LogInfo :
  Show/Hide Log Info
- Show Mixer : Show audio option setting window

Control
- Stop : Stop converting
- Convert All Checked Chapters :
  Convert all checked chapters
- Check All Chapters : Check all chapters
- Uncheck All Chapters :
  Uncheck all chapters
- Set Begin Position For Current title :
  Set begin position of new section for current title
- Set End Position For Current title :
  Set end position of current section
- Set Whole Title For Converting :
  Convert whole contents of current title.
- Convert Current Title :
  Convert selected sections of current title

DVD
- Select Audio : Select audio file
- Select Sub picture : Select sub title type
- Enable Deinterlace(PAL,slower) :
  Enable Deinterlace(PAL,slower)
- Enable preview : Enable preview

Option
- Setup Watermark :
  User preferred icons or letters can be inserted into converted file, wehre 'bmp' is the only available file format.

- Enable Audio : Set audio file active

Select file to be inserted with Browser button

Help
- Help : Help

- About PMP Transcoder :
  Displays program version and information

- Download QuickTime Player :
  Shows link to the website where QuickTime Player can be downloaded.

- Download Real Player :
  Shows link to the website where Real Player can be downloaded

- Download Other Codecs :
  Shows link to the website where Codec can be downloaded

■ Converting DVD files

Use same way as DVD Converter
There are more additional features.

Option

- Enable Full Speed Mode
  (The subpicture maybe distorted) :
  Converting speed depends on user's
  PC specification.

- Convert Selected Chapter(s) to One
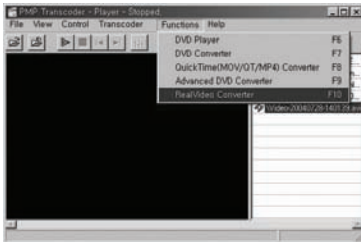 File : Convert selected chapters only.

Added Icons

Speed 1/3 ▾   Converting speed setup.

Converting

Refer to DVD Converter instruction.
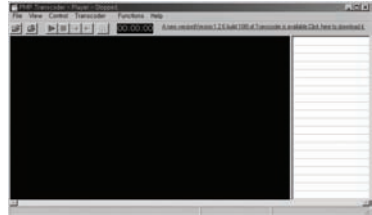
RealVideo Converter
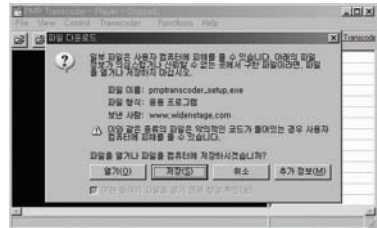
Convert Real Video files.

- Select 'Functions' → 'RealVideo
  Converter' menu.

- Directions for usage is same as
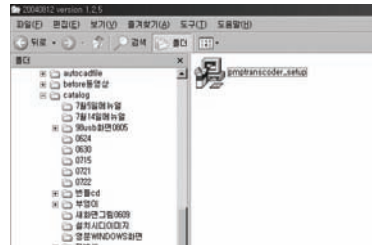 Transcoder.

Upgrading Transcoder

1. During running Transcoder, program to be
   upgraded will appear in the right upper
   side with updated version Information.

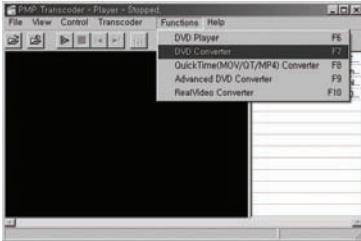2. Click the highlighted and save the
   program.

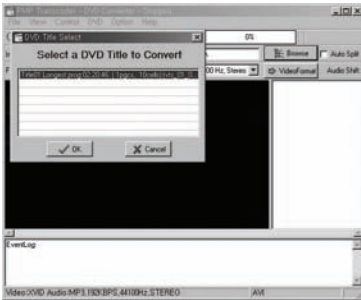3. Run the upgrade program to complete
   upgrade.

■ Advanced DVD Converter

1. Select 'Functions' → 'DVD Converter' menu.

2. Set location of folder with browser, where converted files to be saved.

3. Select 'File' → 'Open DVD/DVD Directory' in the menu bar, then 'DVD title select' window will appear. Choose DVD file.
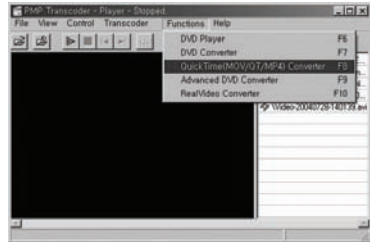
4. Press 'OK' after choosing title.

5. Check 'Chapter list' in the right and select 'Control' → 'Convert All Checked Chapters' to start converting.
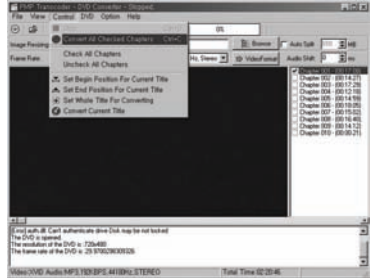
■ QuickTime(MOV/QT/3GP/MP4) Converter

Convert QuickTime files with 'mov, qt, mp4' extention.

Select 'Functions' →'QuickTime(MOV/QT/MP4) Converter' menu.

Then follow 'Transcoder manual' afterwards.

■ Troubleshooting

Problem	Solution
Charging does not work.	• Check for the connection of an AC adaptor. • Check whether the player is fully charged or not
The Bluetooth Headset does not work.	• Check whether the Headset is fully charged or not.
The key does not work.	• Check whether the battery is exhausted. • Check the HOLD key is turned on. • Check for the level of volume. • Check for the connection of the earphone. • Check the MENU key is turned on.
The player is warm when it is in use.	• The player may get warm when it is in use for a long time.
The play time is shorter than the time written in the manual.	• Make sure the machine is fully charged before using. • The play time may get shorten with the frequent use of the keys. • Check whether the battery is used off.
The player cannot be turned on.	• Check whether the battery is exhausted.
The play stops while working and won't start again.	• The player may stop working when keys are pressed improperly while the player is working or when the file on playing is a damaged one. To solve the problem, press the RESET button on the bottom of the machine and delete the damaged file. • A file may not be properly transcoded. If this happens, try to transcode the file again according to the direction in the manual, and play it. • Check the MENU key is turned on.
The key does not work while recoding/voice recoding, or the file size is different from the original.	• Check the hard disk for bad sectors and run the Disk Defragmenter or the Disk Cleanup program. • Check whether the original file is normal. • Check the system and run the Disk Defragmenter and Cleanup programs regularly. • Format the hard disk before using.

■ Troubleshooting

Problem	Solution
The player does not work after upgrading.	• Do not force to unplug the USB cable after downloading the upgrade file. Download an upgrade file again and try to upgrade the player again.
There is noise or no sound when playing.	• Check whether the PAUSE or MUTE keys are turned on. • Check for the connection of the earphone.
The playback screen is not displayed normally when seeing the list.	• Check the POWER OFF key is turned on.
The playback screen is not displayed normally after recoding.	• Check whether the AV cable was properly connected with the right terminal when recoding. • Check whether recoding was done on the PREVIEW screen.
The TV OUTPUT does not work.	• Check for the connection of the RCA cable. • Check the TV channel is selected for EXTERNAL INPUT.
The LCD screen is dark.	• Check whether LCD Brightness of the SETUP menu is sep up for 01.
A file cannot play after transcoding.	• Check whether the file was transcoded properly. • Play the transcoded file on the computer. It may not have been properly transcoded even though the computer can play the file. Delete the file and transcode it again.
There is no sound in the speaker.	• Check whether the earphone is connected. If the earphone is connected, it is normal that there is no sound in the speaker.
The machine does not recognize USB devices.	• The computer with the Windows 98 or below needs to install a separate USB driver. • Make sure the USB driver is properly installed. • Make sure the computer is rebooted after the driver is installed.

Product Specifications

General	Size	131.8x78.5x19.8mm
Specifications	Weight	260g
Video	Display	4.3 inch, 480x272 Resolution, Digital TFT LCD
	Video Format	NTSC / PAL (Composite Video Input/Output 75ohm 1.0Vpp)
Audio	Channel	Stereo
	Frequency Range	20Hz ~ 20KHz
	Max Output	16 Ohm earphones : 32mW + 32mW
	SNR	90dB (with 16 Ohm)
	Built−in Speaker	Stereo
	Built−in Microphone	Mono
Bluetooth	Bluetooth	V1.2 Compliant
	Class	Class2
	Profile	A2DP(Audio Streaming), AVRCP(Remote control)
	Receiver Sensitivity	−80dBm
	Transmitter Power	+2dBm
Power	Built−in Battery	Built−in Rechargeable Lithium Polymer Battery 4100mAh
	Battery Charging Time	Takes 5hours to fully charged
	AC Adapter	DC 5.0V, 3A
Capacity	Hard Disk	1.8inch 60G, FAT32 File system
USB Interface	USB Device	USB 2.0 High Speed (Max. 480Mbps)
	USB Host	USB Full Speed (Max. 12Mbps)

Software Specifications

Video Player	File Format	AVI, ASF, WMV, MPG, MP4, M1V, M2V, MPV
	Video	Divx 3.11/4/5, XviD, MPEG4, WMV9 MP@LL, H.264, MPEG2
	Video Resolution	Divx, XviD (Max. 800x576, 30fps)
	Audio Codec	AC3 Downmix, MP3, WMA, L-PCM, AAC-LC Audio Resolution Max. 48KHz, 448 kbps
	Subtitle	SMI Format
Audio Player	File Format	MP3, WMA(ASF),OGG
	Audio Codec	MPEG 1/2/2.5 Layer 3, WMA(ASF), Ogg Vorbis, G.726(ASF)
	Audio Resolution	8Kbps ~ 1.4Mbps (Up to OGG Q10)
	ID3 Tag	ID3 V1, V2.2, V2.3
	Lyrics	LDB, Lyrics
	EQ	Preset (Normal, Rock, Pop, Jazz, Classical, Dance, Heavy, Disco, Soft, Live, Hall)
		User Selectable EQ (Base, Treble Boost)
	Sound Effect	Wolfson 3D enhancement support
	Visualization	Sound Spectrum
Photo	File Format	JPG, BMP, TIFF, GIF
Text Viewer	File Format	TXT
AV Recording	File Format	ASF
	Video Codec	MPEG4 (640x480 30fps)
	Audio Codec	G.726
Line-in, Mic Recording	File Format	ASF
	Audio Codec	G.726
Playable media files		1000 Files per Folder
Option		External DMB Tuner
PC	CPU	233Mhz or Higher
	OS	Windows 98SE, ME, 2000(with service pack v3), XP
	RAM	128Mbyte or More
	USB Port	recommend 2.0High Speed

Warning