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Prestigio PMR-701(TV) User's Manual

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Thanks for purchasing the device. Please read this manual carefully before using your product.

This manual is subject to change for the purpose of performance improvement without prior notice.

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Safety Precaution

Do not disassemble this product. Please contact our customer service center if device malfunctions.

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Copyright warning

Reproducing CDs, music, video, or picture files for sale or for commercial use is illegal according to copyright laws.

Permission is needed to copy parts of, or whole pieces of data, works of art, and presentations that are protected by copyright. The user must acknowledge all laws related to reproduction and use that are applied in the user's country or court, and use this product accordingly.

Warnings and notices

1. Do not use this device in places where it can get hot (such as under direct sunlight or near heating equipment).
2. Do not store or use PMR in humid places, such as places open to rainfall or in bathroom.
3. Make sure the power plug is inserted firmly and correctly.
4. When using multi-outlet, do not plug-in several powerful devices at once.
5. When pulling out the power plug, use the plug handle.
6. Do not let power cord touch heating equipment.
7. Never touch the power plug with wet hands.
8. If dust gets on the pin part of the power plug, cleanse it thoroughly.
9. If water or a foreign object gets into product, first turn off the power switch, then contact our customer service center.
10. If smoke or strange smells appear, turn off the power immediately and contact our customer service center.
11. Do not drop the product. When powered-on the device is more sensitive to shock.
12. Do not use the antenna to watch television during thunder and lightning.
13. When cleaning this product, use a soft cloth. Do not use a rag, car or industrial polishes, abrasives, benzene, wax, or alcohol.
14. Do not put the product in heating devices such as microwave ovens or ovens.
15. Do not use sharp devices and tools such as gimlet and knife against PMR.
16. Due to accidents risk, do not use the product while driving a car or walking).

Features

This PMR is a multi-function portable multimedia player which has various additional features: TV, FM radio, music, voice recording, picture album, e-Book, USB Host, recording from AV-in, etc. (TV is optional)

Movies and music

Most of popular codecs (including DivX and XVID) are supported so that most files can be played without conversion. Files of unsupported formats can be easily converted by One Click TransC program which is bundled on CD.

TV (optional)

It is possible to watch TV indoors and outdoors (with air antenna or cable). Programmed recording from TV is possible (1 program).

FM radio

You can listen to FM radio in any region of the world. Device supports channel auto-scan and recording from FM.

USB and USB Host

With Hi-Speed USB2.0 interface, you can transmit files and/or folders from PC to PMR with up to 15 MB per second.

This PMR supports USB Host mode, which allows direct connection to digital cameras, USB Flash drives, card readers and other USB storage devices. When connected, files from these devices can be played back on PMR or transferred to its HDD.

External AV In/Out and Recording

This device can be used to record video (ASF format) or static frames (JPG) from external AV source such as TV, VCR or camcorder. PMR can be connected to TV for output as well.

Photo album and e-Book

You can watch photos and browse text files. For photos there is also slide-show function which turns PMR into electronic photo album.

Voice Recording

Voice can be recorded using built-in microphone.

Clock and programmable recording

A clock function is built in and it's possible to make a programmable TV recording (with optional TV tuner).

Multi-language menu and Subtitles

This PMR supports various languages in On-Screen menu, as well as various encodings in subtitles, text files and filenames.

Firmware Updates

The product performance can be enhanced through firmware updates. We are constantly working on improvements and always welcome suggestions from customers.

B grade device

This product is registered and approved for home and office use. It can be safely used in all areas including your living place.

Package components, Controls and Connections

Package Contents

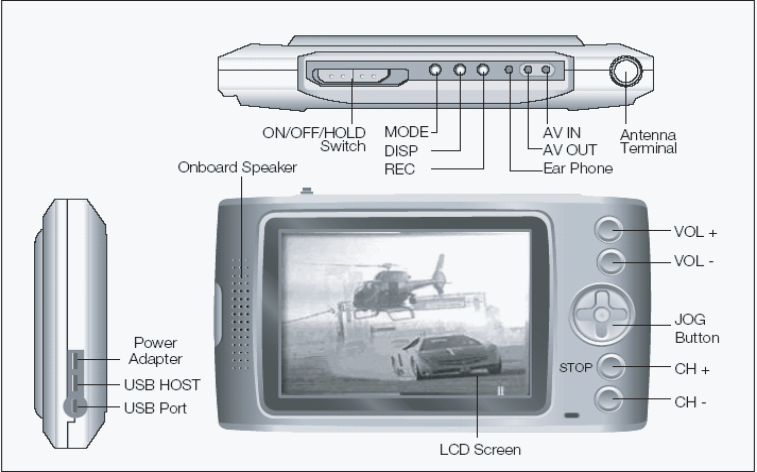
The accessories list can be changed (except PMR) without any prior notice in order to enhance performance or quality.



- 1. PMR
- 2. AC ADAPTER
- 3. USB CABLE
- 4. USB HOST CABLE
- 5. AV CABLE
- 6. OUTDOOR ANTENNA(TV)

- 7. INDOOR TV CABLE CONNECTOR
- 8. PMR BODY HOLDER
- 9. EARPHONE
- Others : User's Manual, CD, etc

Description of Controls



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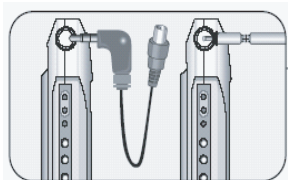
Battery charge

- * To charge the battery, connect AC adapter to the power adapter jack of PMR.
- * If the battery charge is insufficient, the battery indicator will flicker, and the power will be automatically turned off after a while.

Battery charge indicator

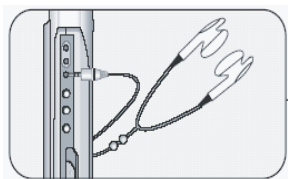
	Fully charged (connected to outlet)
	Fully charged
	Half-charged
	Battery low
	Battery discharged

Connections



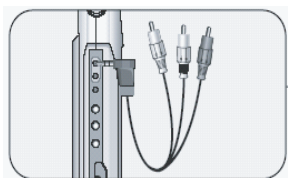
TV antenna connection (indoor and outdoor)

- Connect indoor antenna cable with the signal line (co-axis) coming from wall antenna outlet.
- OR
- Connect outdoor removable antenna.



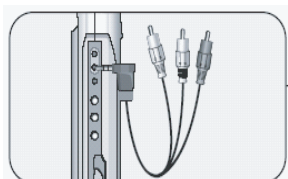
Stereo earphone connection

- Connect the stereo earphone into the earphone jack



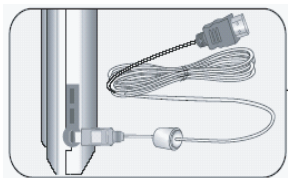
Viewing video/audio files stored in the PMR on any external AV equipment

- Connect the AV output on PMR with input on external device (TV) using AV cable supplied.



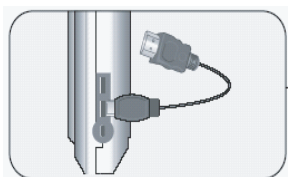
Viewing video/audio from external device on PMR via AV-input

- Connect AV cable between AV IN jack of PMR and AV out of external device



Connection with PC

- Use USB cable supplied to Connect with PC.

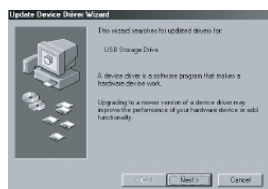


Connection with USB device

- Connect the USB Host cable supplied between the USB Host port and other USB storage device.

USB Driver Installation (Windows 98 SE)

Windows 2000/XP recognizes the device without installing the driver.

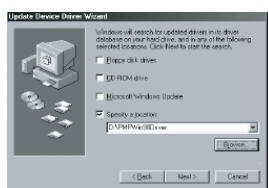


When you connect PMR to Windows 98(SE) computer, it recognizes the PMR as hardware, and prompts for driver

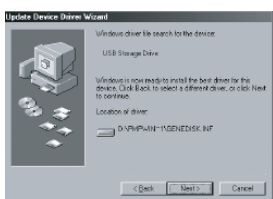
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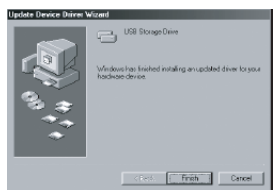
Press the Next button



Input the path or search for a desired folder directly
Insert CD supplied with device in the CD-ROM and select "PMR Win98 Driver".



Install the driver by clicking NEXT button



Press Finish button.

If the USB driver is not installed properly or device inaccessible, delete the installed USB driver and reinstall it.

Connecting to PC



After the USB drive is correctly installed, PC recognizes PMR as new removable storage device and assigns logical drive letter to it.

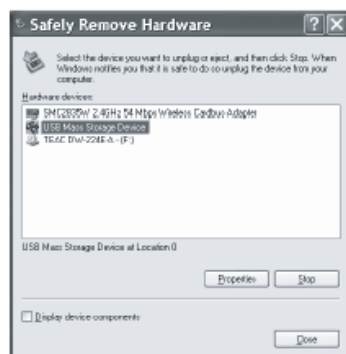
* "System Folder" on HDD is needed for device operation. If user deletes this folder or changes its name, the PMR may not work correctly

* Do not format hard disk when not really needed. If you need formatting, back-up "System Folder" first and then format using the "FAT32" file system. You will also have to copy the backup folder back to device.

* You can create multiple subfolders; file names can be up to 255 letters.

*** Do not disconnect the USB cable while files are being transferred.**

Disconnecting from PC



After finishing all file transfers, follow "Hardware Safe Removal" procedure. It will safely disconnect PMR from your PC:

* Double-click on green arrow icon in system tray

* Choose the hardware you want to remove and click on the [Stop] button

* When prompted by Windows, detach the USB cable

If the USB cable is disconnected accidentally, some data may be lost and device may need maintenance

Operating the device

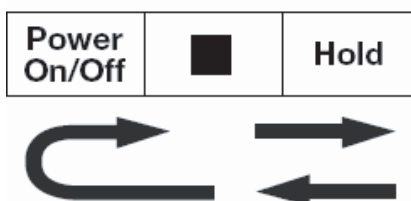
Main Menu Screen



Icon	Menu	Function
	TV (option)	Watch and record TV programs
	INPUT	Input Video/Audio from external AV equipment
	RADIO	Listen to or record from FM radio
	USB HOST	Connect external USB storage devices (digital camera, card reader, USB Flash drive)
	RECORD	Record voice or other sounds through built-in microphone
	MOVIE	Playback video files
	MUSIC	Playback audio files
	ALBUM	Watch photos or other images
	e-BOOK	View text file
	SETUP	Setup various PMR options

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Power on/off and Key Hold/Release



Power On

Pull and hold sliding switch to ON/OFF position for 2~3 seconds, then release. Green lamp will start to flicker.

Power Off

Pull and hold sliding switch to ON/OFF position for 2~3 seconds. Logo screen will appear then power turns off.

Hold On/Off

Place the power sliding switch to the right to hold the keys. To un-hold place it back to the middle.

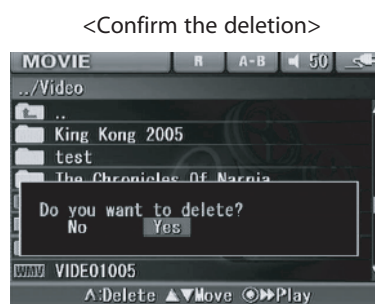
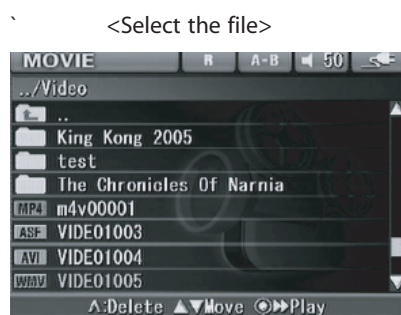
Menu Selection

- * Move jog buttons in the << or >> direction to reach the menu you want, then press jog button to select
- * After pressing "MODE" button on the top of the PMR, menu icons will always appear on the screen, so that you can move to the other mode immediately.

Delete File

You can delete any file from hard disk in PMR directly:

- * Select the file to delete and press ^ button, the file deleting popup menu will appear.
- * Select 'Yes' to delete the file and return to the search window.

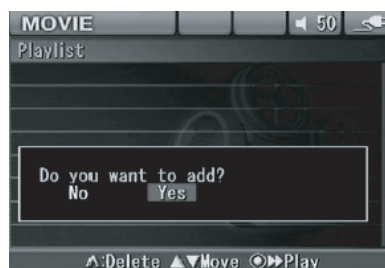


The file will not be deleted during playback.

Add to Playlist

You can add your favorite video/audio/image files in the playlist:

* Select the file and press v button to add it to the playlist.



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* Select "Yes" to add files in the playlist. Playlist window will appear.



File will not be added to the playlist during playback.

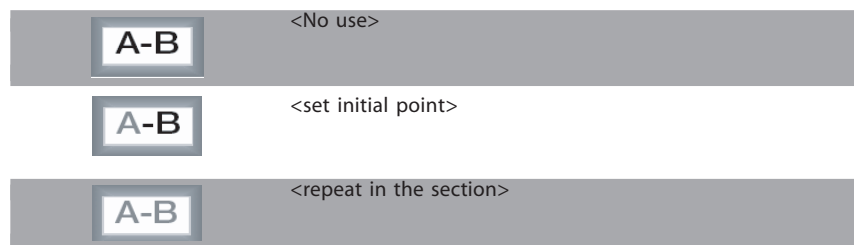
Play Mode/Section Repeat

Go to "FUNCTION" in "SETUP" menu to select video/audio section repeat mode, then select desired option as follows:

D	All files playback in the folder
F	The current file Repeated playback of the current file repeat
R	Random file playback
X	Return to the search window after playback the current file

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After pressing v button during playback, you can set section repeat with following three steps:



This section repeat function may not work properly with some file encodings

TV (Option)

Indoor and Outdoor use

When watching TV outdoor, attach the outdoor antenna and use in a place where the reception is good. In order to have a clean TV reception indoor, attach the TV cable connector to TV antenna jack instead of outdoor antenna.

When using TV outdoor, the image and sound may depend on antenna position, so fix the antenna trod in direction where TV reception is the best.

When using NTSC TV system 2 areas can be selected, with PAL TV system there are 4 areas.

NTSC supports outdoor and indoor mode. Indoor enables the reception of cable broadcasting programs, while outdoor mode allows receiving air TV programs, but not cable TV channels. PAL TV system enables 4 areas to use both indoor and outdoor as the above.

Channel Setup

Select the (TV) icon from main menu and press the jog OK button. TV watching screen will appear.

< TV Icon menu >



< TV screen >



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Pressing jog OK button at TV watching screen enters TV channel setup menu. There are two functions in the TV channel menu: auto TV channel set-up and manual TV channel set-up. Auto TV channel set-up: the system automatically searches for signals it receives and stores them into memory.

*** Select "Start" and then press >> to save the channels automatically.**

TV manual channel set-up: this function allows deleting the channel saved by the Auto-scan and selecting the channels manually and saving them. When the auto channel system is set up, the device may sometimes find and store stations with poor reception, which is not desired behavior. To remove such stations please use manual channel setup after auto-scan.

«Start channel set-up» item and «System» item are defined only for PAL system, and do not appear in the menu of the NTSC system.

Recording from TV

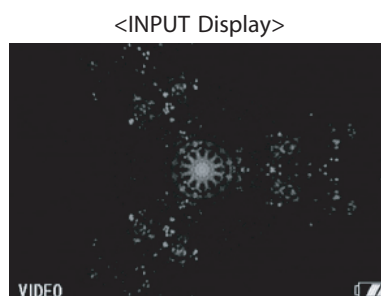
Press "REC" to save the current channel into video (ASF) file or image (JPEG) file. Recorded files are saved in the following file name pattern in "Record Folder/Video" (or "RecordFolder/Image") folder:

- * Air TV Channels > A_011_050101105142.ASF/JPG (A_Channel_Y/M/D/H/M/S)
- * Cable Channels > C_030_050101106345.ASF/JPG (C_Channel_Y/M/D/H/M/S)
- * TV programmed recording > R_005_050101114215.ASF (R_Channel_Y/M/D/H/M/S)

Input

Select (Input) icon and press jog button to select external AV input function

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Recording from AV input

Press REC button to save the input file in a video (ASF) or image (JPEG) file.

Recorded files are saved in the following file name pattern in "Record Folder/Video" (or "RecordFolder/Image") folder:

* External Input (Video) > VIDEO_050101104327.ASF (VIDEO_Y/M/D/H/M/S)

* External Input (Image) > VIDEO_050101104120.JPG (VIDEO_Y/M/D/H/M/S)

Please use Setup menu (see below) for advanced recording settings.

Radio

Select (Radio) icon and press jog button to select FM radio function.

FM Radio will not work with earphones not connected to the jack of PMR



Channel Setup

Press jog button to enter the Radio channel setup menu.



There are two setting options in the Radio channel setup menu: Automatic setting and Manual setting.

Radio Auto Channel Setting: the function automatically searches for stations available and saves them into memory.

* Select "Start auto channel setting" and press (button to save channels.

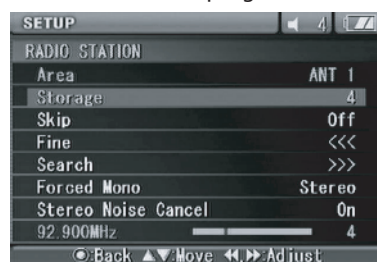
Radio Manual Channel Setting: user can select the desired channel to save it into memory.

* Select "Save channel" and press (button to save the channel.

<Auto program>



<Manual program>



Recording from Radio

Press REC button to save current program into MP3 file.

Recorded files are saved in the following file name pattern in "RecordFolder/Audio" folder:

Radio > RADIO_050101062122.MP3 (RADIO_Y/M/D/H/M/S)

USB Host

Select (USB Host) icon and press jog button to search and open files of the other USB device connected in USB Host Mode.

<USB HOST Icon>



<USB HOST>



File playing (except some video files), data copy and other operations can be performed while PMR is connected to USB device (Digital Camera, MP3 player, Memory stick).

Voice Recording

Select (Record) icon and press jog button to enter Record Window.

<RECORD Icon>



<RECORD>



You can choose the recording time between 5 minutes and 24 hours using jog button.

Recorded files are saved in the following file name pattern in "RecordFolder/Audio" folder:

Voice Recording > VOICE_050101055903.MP3 (VOICE_Y/M/D/H/M/S)

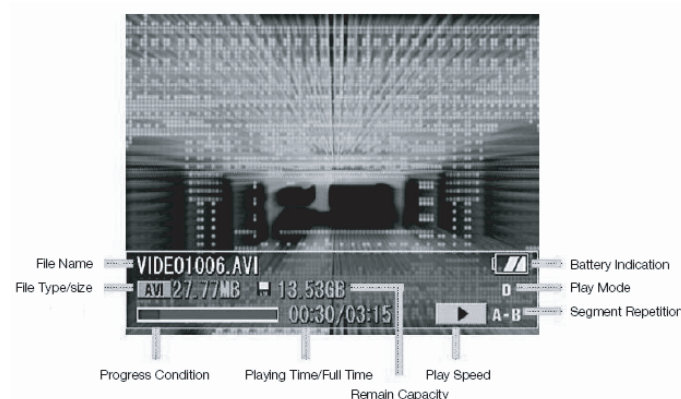
Movie

Select (Movie) icon and press jog button to open video file list.



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Select the file you want to play and use (or press jog button to play.
During playback the following information can be displayed on the screen:

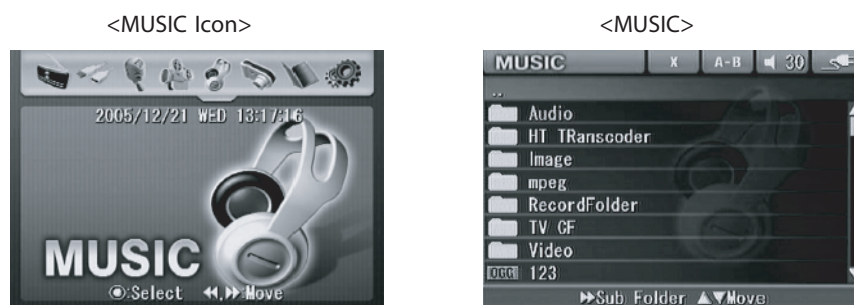


- * To zoom video (2x/4x) press REC button during playback.
- * Subtitle appears when enabled and language selected in SETUP menu (see below)

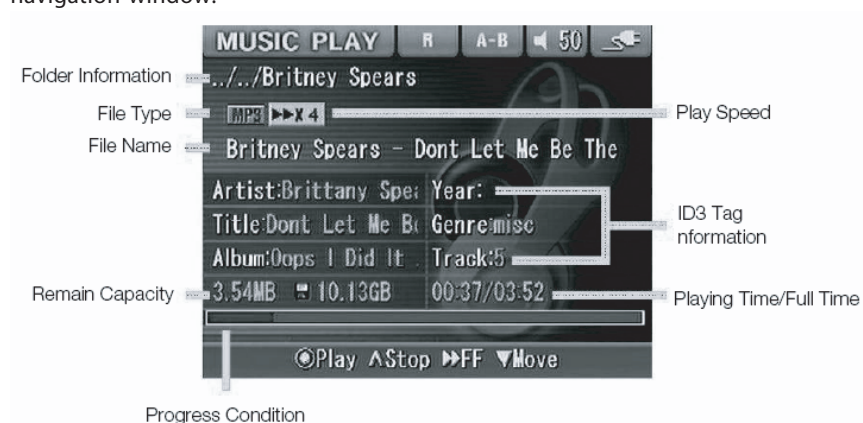
Music

Select (Music) icon and press jog button to open audio file list.

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Select the file you want to play and use >> or press jog button to play. Pressing jog button during music playback will open current music information/navigation window:



ID3 tag information will appear if contained in MP3 file. Recorded radio/voice files doesn't contain such data.

Album

Select (ALBUM) icon and press jog button to open image file list.

<ALBUM Icon>



<ALBUM>



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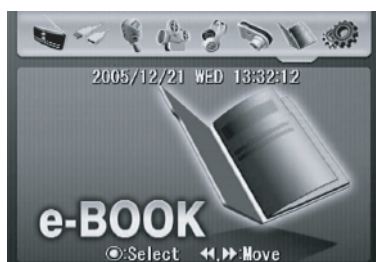
Select the file you want to display and use >> or press jog button to start playback. To set Slide Show delay, please use "Slide Show Time" option in Setup menu:



E-Book

Select e-BOOK icon and press jog button to search and open e-book file list.

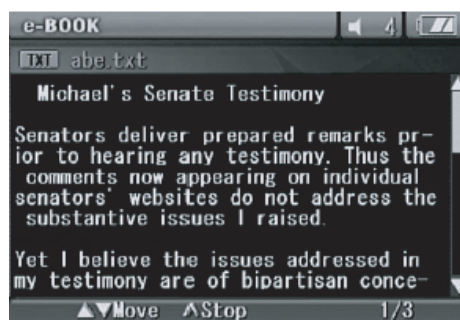
<e-BOOK Icon>



<e-BOOK>



Select the file you want to read and use >> or press jog button to display its contents:

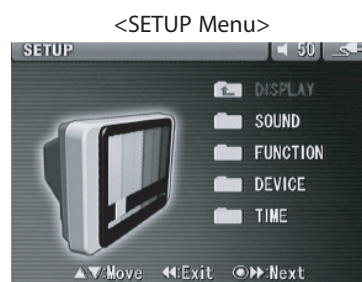


To select proper text encoding, please use DISPLAY option in SETUP menu and choose language to use.

e-BOOK function supports only TXT file format. When other file formats are opened, text will be unreadable.

Setup

Select SETUP icon and press jog button to open SETUP menu.



Display

Select DISPLAY icon and press jog button to open DISPLAY Menu Window.



LCD display output: selecting whether display output through PMR LCD is enabled. Turning it off may be helpful when device is connected to external display.

AV Out: to save battery power, this option is turned off automatically after device power-on. Please activate it each time you need to use AV-out.

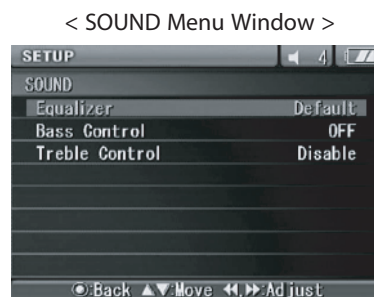
Text Mode: you can set text encoding to be used for movie subtitles and E-Book (text) files.

Picture Mode: you can select picture color mode from User, Dynamic, Standard, Mild options.

Brightness: LCD contrast and brightness can be customized.

Sound

Select SOUND icon and press jog button to open SOUND Menu Window.



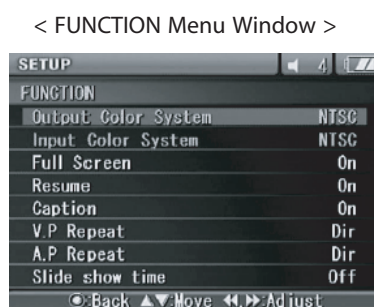
Equalizer: you can choose between preset Bass/Treble combinations: Normal, Rock, Pop, Jazz, Classic, Dance, Metal, Disco, Soft, Live and Hall.

Bass Control: allows controlling low-pitched sound.

Treble Control: allows controlling high-pitched sound.

Function

Select FUNCTION Icon and press jog button to open FUNCTION Menu Window.



Output Color System: setup NTSC or PAL according to external display equipment.

Input Color System (Option): setup NTSC or PAL according to the external video signal.

Full Screen: set display resolution according to the PMR LCD size.

Resume: when turned on, device remembers stop point of the last video/audio title and resumes playback from that position.

Caption: when subtitle file name is same as video file name and has file name extension "smi" or "sami", PMR will choose it for subtitles automatically.

V.P Repeat / A.P Repeat (Audio Playback Repeat / Video Playback Repeat):

- Off PMR returns to the menu after single file playback
- File PMR will repeat current file
- Dir PMR will repeat all files in the folder
- Rand PMR will play files in random order

Slide show time: picture change delay for Album (slide show) function can be set

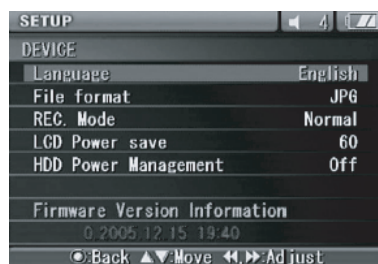
Device

Select DEVICE icon and press jog button to open DEVICE Menu Window.

<DEVICE Icon>



<DEVICE menu>



Language: allows selecting Menu language.

File format: setup recording file format as ASF (Video) or JPG (Image)

REC. Mode: setup resolution for recording:

Resolution	Video (ASF)	Image (JPG)
High	640x480	720x480
Normal	320x240	640x480
Low	192x144	352x240

LCD Power save: setup display auto-off timeout from 10 to 60 sec. If no key is pressed during this time, display will be turned off to save battery power (this option has no effect in TV or Video mode)

HDD Power Management: when on, this function saves battery power by putting hard disk into power saving mode.

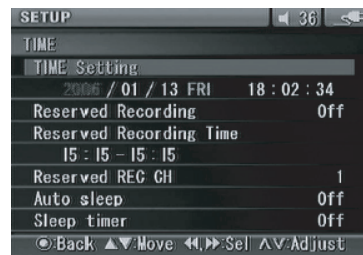
Time

Select TIME icon and press jog button to open TIME menu.

<TIME Icon>



<TIME Menu>



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TIME Setting: allows entering and correcting of current time.

Reserved Recording: turns on and off programmable TV programs recording (option).

Reserved Recording Time: sets start and end time for programmable TV programs recording (option).

Reserved REC CH: selects TV channel for programmable TV programs recording (option).

Auto sleep: allows turning off device if there is no signal at TV/AV input, no file is being played and no keys pressed for time period specified in Sleep Timer option.

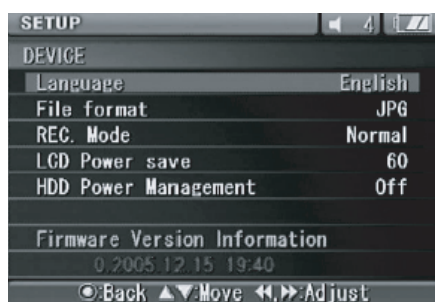
Sleep timer: sets timeout for Auto sleep function.

Firmware Update

This device supports firmware updates. New firmware versions may contain new features and/or fixes to some issues in older versions.

Before downloading and installing new firmware version please check current version. If firmware you are trying to install is the same or older version then your PMR has, you should NOT update it.

Current firmware version is shown in the last line of DEVICE screen in SETUP menu:



Firmware updating instructions

1. Download firmware file from web and unpack it into some folder on your PC.
2. Connect PMR to PC
3. Open "SystemFolder" in Windows Explorer or other file manager and rename existing file SYSTEM.PMR into SYSTEM.OLD.
4. Copy firmware image to "SystemFolder" in PMR and change its name to "SYSTEM.PMR".
5. Disconnect PMR from PC using "Safe Removal" procedure (see above).
6. Upon disconnect your PMR will start updating process automatically.

DO NOT TURN DEVICE OFF DURING UPDATE – IT MAY LEAD TO PERMANENT UNIT MALFUNCTION AND WILL VOID THE WARRANTY

One Click TransC Software

While this PMR supports majority of popular audio/video formats, some files may not be played. If it is the case, One Click TransC tool, which comes on CD, allows converting these files into format which is supported by PMR.

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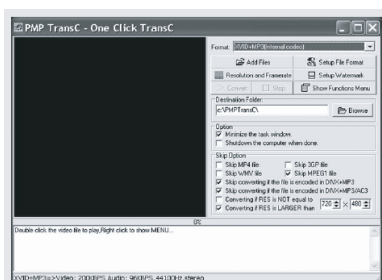
Setting Up One Click TransC

Run PMRtransc_setup.exe file from CD supplied with the product to install the software. Then follow Installation Wizard instructions

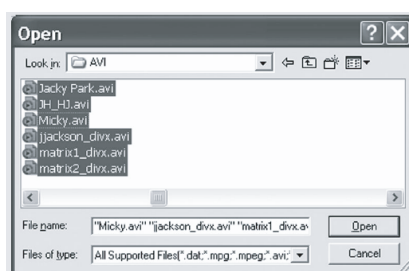


Using One Click TransC

1. Run installed One Click TransC software. Main program screen will appear:



2. Select the file you want to convert by clicking on Add Files:

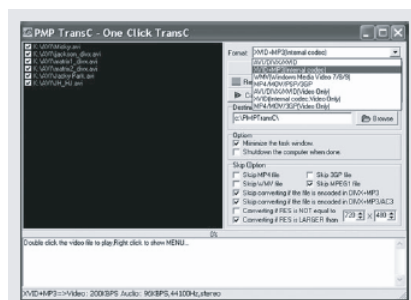


3. Press "Convert" to convert and save the selected files. Converted files will be saved in original folder with "TransC" suffix added to file name.
4. When convert operation completes save modified files to the PMR hard disk via USB.

ENG

One Click TransC Options

Format dropdown list:



This option allows choosing a codec to be used for converting files. It is recommended to keep it at default setting. If some codecs are missing on PC, please choose, "XVID+MP3 (Internal)", which uses built-in XVID and MP3 codecs to convert.

"Setup File Format" button:

Allows setting specific file encoding options.

"Resolution and Framerate" button:

Changes the file resolution and the framerate for target file.

"Setup Watermark":

Allows selecting BMP file to embed into target file as watermark.

Troubleshooting guide

Q. The screen is too bright or too dark.

A. Check the Picture Mode in Setup/Display screen. Note: sometimes video is too dark or too bright in original AVI file.

Q. The screen freezes, device does ignores button presses.

A1. Press "RESET" button on the top of the device.

A2. After pressing "RESET" and rebooting the product, check whether battery charge is sufficient.

Q. When connecting device to PC, computer does not recognize the device.

A1. If PC uses Windows 98 SE, please install driver from CD. Windows XP, Windows 2000, Windows ME and more recent operating systems does not need driver to be installed.

Q. The font is not displayed in OSD (On-Screen Display).

A1. Check if there is SYSTEM.FNT file exists on the hard of PMR. If not, please download font file from PC to PMR.

Q. I cannot hear the sound.

A1. Check the volume level.

Q. The file or folder cannot be copied.

A1. Check if the USB cable is correctly connected to the port of PMR.

Q. Sound is noisy and comes only from one side (mono)

A. Check to see if the earphone is fixed correctly into the jack

Q. The buttons do not work

A1. Check the battery charge.

A2. Check the power button to see if it is not in HOLD position.

Product Specifications

Audio

No. of Channels

Stereo (left/right)

Frequency range

20 Hz - 20kHz

Headphone output

35mW+35mW (at max. volume, 16 Ohm)

Speaker output

400mW (at max. volume, 8 Ohm)

S/N ratio

90 dB or more (A Filter)

TV (option)

Tuning

FS, FVS

Program No.

100X4

Tuner

VHF/UHF, CATV/HYPER

System

NTSC/PAL

FM Radio

Frequency range

76.0 ~ 108.0 MHz (Worldwide)

S/N ratio

50 dB or more (A Filter)

File Support

Decoding

Video: DivX, XviD, WMV

(QPEL/GMC options not supported)

Audio: AC3, MPEG 1/2/2.5 Layer 3, WMA

Image: JPEG

Encoding

Video: ASF (640X480, 320X240, 192X144)

Audio: MP3

Image: JPEG (720X480, 640X480, 352X240)

Tag

ID3 V1 Tag

Captions

SAMI captions format (.smi, .sami)

Others

Text file

Dimensions

WxHxD

116x78x23 mm

Weight

250 g

General

Playback time

Video: approx. 7 hours (QVGA), 5 hours (VGA)

(LCD brightness 5, volume 20, earphone)

Audio: approx. 10 hours

(LCD off, 128kbps, volume 20, earphone)

TV: approx. 6 hours

(LCD brightness 5, volume 20, earphone)

Radio: approx. 15 hours

(LCD off, 128kbps, volume 20, earphone)

OSD Language

Multi-language

Storage device

1.8"20GB/30GB HDD

USB

USB 2.0 (compatible with USB 1.1)

Recharge

Recharge with the adapter supplied, charging time ~5 hours

Battery

Li-polymer Battery

LCD

3.5" TFT LCD