DVD/CD/MP3 PLAYER

Palsonic

DVD2040 USER'S MANUAL

Please read this manual before connection and use.

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English

Important Safety and Function Instructions

When using this DVD player, basic precautions should always be followed, including the following:

- 1) Read these instructions
- 2) Keep these instructions
- 3) Heed all warnings
- 4) Follow all instructions
- 5) Do not use this apparatus near water
- 6) Clean only with dry cloth
- 7) Do not block any ventilation opening, install in accordance with the manufacturer's instructions
- 8) do not install near any heat sources such as radiators, hear registers, stoves, or other apparatus (including amplifiers) that produce heat.
- 9) Do not defect the safety purpose of the polarized plug, A polarized plug has two blades with one wider than the other, the wide blade is provided for your safety, if the provided plug does not fit into your outlet, consult an electrician for replacement of the obsolete outlet
- 10) Protect the power cord from being walked on or pinched particularly at plugs, convenience receptacles, and the point where they exit from the apparatus.
- 11) Only use attachments/accessories specified by the manufacturer.
- 12) Use only with the cart, stand, tripod, bracket, or table specified by the manufacturer, or sold with the apparatus, when a cart is used, use caution when moving the cart/apparatus combination to avoid injury from tip over.



- 13) Unplug this apparatus during lightning storms or when unused for long periods of time.
- 14) Warning: :To reduce the risk of fire or electric shock, do not expose this apparatus to rain or moisture
- 15) Refer all servicing to qualified service personnel, servicing is required when the apparatus has been damaged in anyway, such as power-supply cord or plug is damaged, liquid has been spilled or objects have fallen into apparatus, the apparatus has been exposed to rain or moisture, does not operate normally, or has been dropped.

Warning:

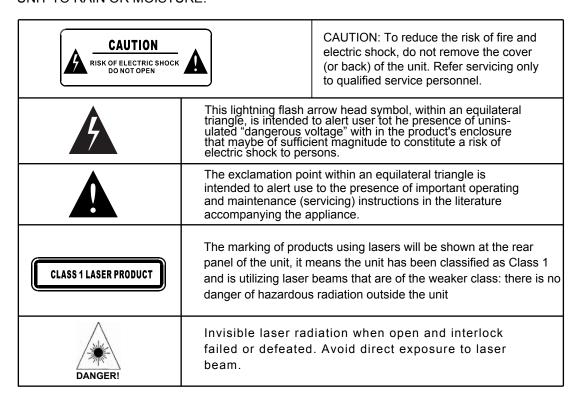
Load 2 x 'AAA' batteries into the battery compartment. Make sure that the batteries have been inserted in the correct polarities matching to the symbols + -, marked in the battery compartment, otherwise, it will leak out or explode.

For your safety, please don't put any breakable and/or watery objects on this player.

SAVE THESE INSTRUCTIONS

Important Safety and Function Instructions

TO REDUCE THE RISK OF FIRES AND ELECTRIC SHOCKS, DO NOT EXPOSE THIS UNIT TO RAIN OR MOISTURE.



SELECT A DVD DISC

DVD discs and DVD players are manufactured under the worldwide agreed DVD Regional Code System which means that the player will operate only with corresponding disc of the same Regional Code.

DVD Regional Code:

Regional Code	Region
1	Canada, USA
2	Europe (incl. Poland, The Czech republic), Japan, Middle East (incl. Saudi Arabia, Egypt, Iran, South Africa)
3	East Asia (incl. Hong Kong, Taiwan, South Korea) South-East Asia
4	Australia, Caribbean, Central & South America, Mexico, New Zealand
5	Africa, Former Soviet Union, India, North Korea, Pakistan, Turkmenistan
6	China

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1. Preparations

Accessories

1. Remote control 2. Audio cable 3. User's manual

(check after opening the box if everything has been delivered)

Battery installation of remote control

Place two batteries 7" in the battery compartment. Be sure the polarities are correct. There should be on large obstacles between the remote control and the main unit.

2. System connection

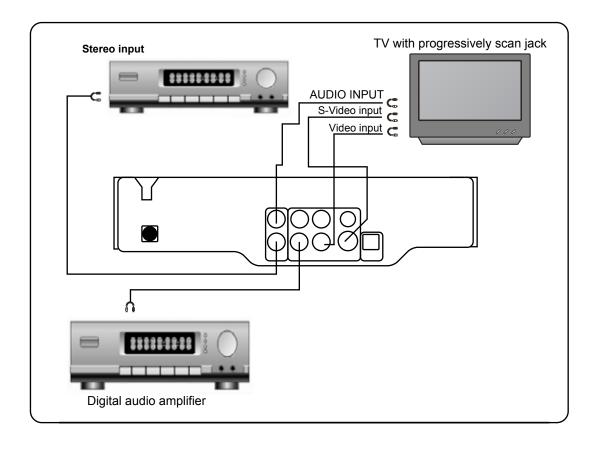
- When making connection between this unit and other components, be sure all connection with power-off.
- Audio/Video cables are connected according to different colour identification and they should be fitted firmly.

Yellow to video terminal

White to audio terminal

Red to audio terminal

Scheme of connection



Use the reset notice:

If you have forgotten a password or if you have changed the Audio/Video settings to the extent that you are not happy with Audio/Video output and you are not sure on how to change the settings back, you have the option of restoring the settings to the original Factory settings. To restore the settings to the original Factory settings simply press the RESET button once. If you press the RESET button by accident, you will have to change the settings back to where they were by entering the SETUP menu and changing the settings back manually.

1. Turn On the TV and your DVD Player

 Press the POWER button on the DVD player or the remote control, and "Read" appears on the TV screen.





· If there is no disc in the DVD player



2. Place A Disc

 Press the OPEN/CLOSE button on the DVD player or the remote control, and "OPEN" appearson the TV screen





 Place a disc in the DVD player and press OPEN/CLOSE button, the "CLOSE" appears on the TV screen, then the disc starts playing automatically.



3. Play A Disc

 The contents of each disc menu vary according to how the disc was authored and what are included. The disc menu will be turned on features for you to select, when menu pressed. Play and pause can be switched with PAUSE button on the remote. Functions such as menu play title play, sequence play etc.

A) Menu Play

- a.Press **MENU** button
- TV screen displays the DVD Root Menu when a DVD disc is loaded
- When a SVCD or VCD2.0 disc Is loaded, the menu will be displayed only when the PBC is on. (At this moment, press PBC button once to display current PBC state).
- PBC is initialized on when a SVCD or VCD2.0 disc is loaded.
- b. When a DVD disc is loaded, you can press ▲ ◆ ▶
 buttons to highlight the menu item you want to choose: As SVCD or VCD2.0, you can press
 Numeric buttons to select a track to play.
- c Press ENTER or PLAY button, you can begin play with the highlight.
- d. Return when playing: When a DVD disc is playing, press MENU button, and you can return to Root Menu; As SVCD or VCD2.0, and PBC is on, press return button so you can return to the menu.
- e. Stop
- When you press STOP button for the first time the player turns into quasi stop state, at the same time the OSD appears " ■ -Stop", to begin the title over, press STOP button twice,





- In quasi stop state, the player remembers when you start playing the disc again. The DVD player picks up where you left off.
- In stop state, when you press PLAY, the player enters sequence playback mode.

B) Title Play (compatible with DVD discs only)





- a. During DVD playback, press **TITLE** button to display the DVD title content.
- b. Press the ◀ ▶ ▲ ▼ buttons to highlight the title you want to choose,and press **ENTER** button You can also press number buttons to choose.
- c. The DVD player begins with the chapter 1 of the chosen title

C) Sequence Play

- a. When a SVCD or VCD2.0 disc is loaded and PBC is on,once **PBC** button pressed, PBC swit -ches off, then the player can play in sequence play back mode; when **PBC** button pressed twice. PBC switches on.
- b. Except for SVCD or VCD discs, in the stop state. when pressing **PLAY** button, the player enters sequence playback mode; this feature is effective to all the compatible discs.

4. Selecting Tracks

- When playing a DVD disc, press Numeric buttons on menu or title page to select track: During DVD playback, you can input desired title number directly.
- As a SVCD or VCD disc, during sequence playback, press Numeric buttons to select tracks.(During program playback and PBC is on, you can only Press PREV ⋈ /NEXT
 Nto button select)
- As for MP3/JEPG disc, press Numeric buttons to select different tracks on current track list.

Notes:

To select tracks from 1-10,press corre-sponding numeric buttons (1-9, 10). To select track above 10, press 10+, then to press 1-10 buttons.

5. Skipping Tracks

• Press **NEXT >>** button to jump to the begin ning of the next title/chapter/track on a disc.





 Press PREV ** button to jump to the begin ning of the preceding title/chapter/track on a disc.





6. Multi speed Fast Motion Playback

 Press FWD key to get 2x, 4x, 8x, 16x, normal play circular fast forward function of disc playing.





 Press REV key to get 2x, 4x, 8x, 16x, normal play circular fast Reverse function of disc playing.





•Press PLAY button to resume or playback, during CD, HDCD, MP3, playback,with the FRx2, the player has no audio output.

7. Multi-speed Slow Motion Playback

 Press SLOW button when pictures moving, you can enter slow motion play back mode, slow motion playback has six speeds: 1/2, 1/4, 1/6, 1/8.

Press PLAY button to resume normal playback.

8. Using the Repeat Feature

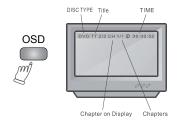
While a disc playing, press **Repeat** button once, and the repeat banner appears to show current repeat mode.

- In SVCD/VCD/CD/MP3/JEPG sequence playback mode, press REPEAT button again on the remote to turn on repeat mode. press REPEAT button again to turn to the next repeat mode, there-are three repeat options: Off, Track Repeat and Disc Repeat, if you press the button four times, repeat mode cycles back to Off.
- In DVD playback, press **REPEAT** button again to turn on repeat mode.

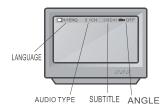
 There are three repeat options: Off, Chapter repeat and Title Repeat. With each consecutive press of the button, the repeat mode switches, if you press the button four times, repeat mode cycles back to Off.

9. Using the OSD Feature

Loading and playing DVDs.
 Press OSD button first time;



For second time press OSD key;



Press **OSD** button for the third time, the display menu fades out.

Loading and playing VCDs.
 Press OSD button first time:



Press **OSD** button for the again, the display menu fades out.

10. Using the Search Feature

- You can use Search feature to select a title /track/chapter number or goto specific point in a title. Firstly, press **GOTO** button on the remote control to bring up the search menu and enter the edit state: Secondly, press ◆ ▶ ▲ ▼ buttons to highlight the title/chapter/track number or the time option; Thirdly, use numeric buttons to enter the title/chapter/track you want to play or the time you want to go to in that title: At last, press ENTER button to start playback.
- · Notes:
 - * This feature does not work in program play mode.
 - If PBC is on, it will turn off automatically when Search Playback starts
 - When playing MP3/JEPG disc, search feature only chapter

11. Changing the Audio Language

- During the disc playback, press Language button once, and the audio language info banner appears.
- When a DVD or SVCD is recorded with Multiple sound tracks, you can use the language feature to temporarily change the audio language.

12. Subtitles (compatible with DV or SVCD)

Press the **SUBTITLE** button on the remote once, and the subtitle info banner appears.

- When a DVD or SVCD is recorded with sub titles, you can use the subtitle feature to view the subtitles on-screen, by default, subtitles are off, the info banner will display "Subt Off"
- To display subtitles, press the SUBTITLE button again, the default language with its corresponding serial number will be displayed in the info banner and subtitles will be displayed in that language.

13. Changing the Camera Angle

(Compatible with DVD discs)

- During disc playback, press ANGLE button and the angle icon appears.
- Some DVDs contain multiple angles of a particular scene or sequence, so you can use the angle feature to view.



14. Changing the TV Sytem

 Press NIP button to display current TV system.



15. Mute the audio output

Press MUTE button to mute audio output.



16. Zoom in the video image

 Press ZOOM button to activate the function and choose the required zoom factor: 01, 02, 03, OFF



 Use the ◀▶▲▼ buttons to pan across the screen when the zoom factor is 2/3/4

17. Changing the Soundtrack

 Press I/R bulton to display current soundtrack.



18. Use the return playing

 Press return button: Go back to the specified position defined by contents provider

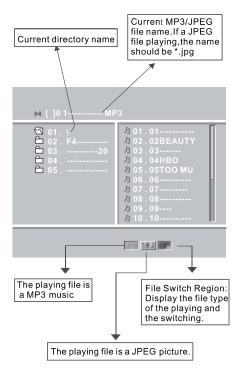


19. Volume control

- You can press the volume button on the front of TV set or the amplifier to control the sound level.
- Pressing the VOL+ button on the remote allows you to amplify the sound level; pressing VOL- button will reduce the sound level.
- Notes: During DVD PCM output playback, this feature does not work.

20. Playing MP3/JPEG discs

Place an MP3/JPEG disc into the tray, Press **PLAY**, it will search the directories of saved MP3/JPEG files, after searching, it will auto go to the first directory of saved MP3 files (on a disc containing both MP3 and JPEG files and on a disc containing single type of files. It will auto go to the first directory) and play the first song in the directory ("01" is highlighted), the screen displays as the picture below:



 Use the ◀►▲▼ buttons to enter the directory region and highlight the desired directory, then the first track under it starts playback; also you can use the ◀►▲▼ buttons to enter the file region and select the file you want to play.

Notes:

- Region the

 Description

 Pressing the

 Description

 Buttons, you can activate directory region, file region and files witch region separately.

 Pressing the

 Description

 Description
- * The highlight in directory region is shown as the picture above; in this state there appears a transparent rectangle in files witch region.
 * In file switch region, you can press the ◀▶ buttons to switch the highlight, then press ENTER; the "M", "P", "G" button is illustrated in the above picture, for example, if a disc with MP3 and JPEG files but without any NES files, is loaded, the colour of the teller "M" and "P" will appear white and "G" black, if a MP3 file is playing, "M" turns darker.
- On a disc with MP3/JPEG files, when playing a JPEG picture, press the RETURN button to return to JPEG list.

You can press the numeric buttons to select the file you want to play, for example. If you desire the 15 track in current list, press the "10+" button once then press "5" button, the 15 starts playback.

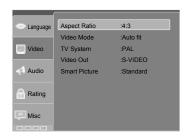
 Notes: When playing a disc with MP3 file, video cannot be output while only digital audio can.

When a picture is playing or pausing, press the buttons to change the display angle:

- rotate 90 clockwise
- When a picture playing or pausing, press the MENU button, the screen displays MENU Press NEXT button to go forward and the PREV button to go to the previous page, you can also select and play a picture in full screen by pressing that number on the remote.

1. VIDEO SETUP

A)TV Shape setup

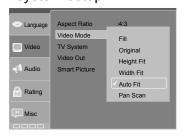


- 1) Open main menu by pressing < (> >
- 2) Select the **<VIDEO>** menu by pressing **<**\$\mathbb{\emptyset}>\ \text{or } < \mathbb{\emptyset} > \text{and pressing } < \text{\text{or }} > \text{\text{or }} > \text{\text{or }} \text{\text{or }}
- 3) Open <ASPECT RATIO> row with < EVIEV >
- 4) Press <>> or <>>> to select desired setting and confirm with <<>>>.

☆ TV SHAPE

- 16:9 (wide screen): choose this setting if your DVD player is connected to a wide screen TV, if you choose this setting and you don't have a widescreen TV, the images on the screen may appear distorted due to vertical compression.
- 4:3 LB (letter box): choose this setting if your DVD player is connected to a normal ratio TV, connector you'll see the movies in the original aspect ratio, you'll see the entire frame of the movie might appear with back bars at the top and bottom of the screen.
- 4:3 PS (pan & scan): choose this setting if your DVD player is connected to a normal ratio TV, you can fill the movie to entire screen your TV, this might mean that parts of the picture (the left and right edges) won't be seen.

B)TV system setup



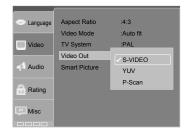
- 1) Open main menu by pressing < ***** >
- 2) Select the **<VIDEO>** menu by pressing **<**\$> or **<**\$\emptyred{} > and pressing **<**\$\emptyred{} > \emptyred{} > \emptyred{} > \emptyred{} \emptyred{} \emptyred{} > \emptyred{} \emptyred{} \emptyred{} \emptyred{} > \emptyred{} \emptyred{} \emptyred{} \emptyred{} > \emptyred{} \emptyred{} \emptyred{} \emptyred{} > \emptyred{} \emptyred{} \emptyred{} > \emptyred{} \emptyred{} \emptyred{} > \emptyred{} \emptyred{} \emptyred{} > \emptyred{} \emptyred{} \emptyred{} \emptyred{} > \emptyred{} \emptyred{} \emptyred{} \emptyred{} \emptyred{} > \emptyred{} \emptyred{} \emptyred{} \emptyred{} \emptyred{} > \emptyred{} \emptyred{} \emptyred{} > \emptyred{} \emptyred{} \emptyred{} \emptyred{} \emptyred{} > \emptyred{} \emptyred{} > \emptyred{} \emptyred{} \emptyred{} > \emptyred{} \emptyred{} \emptyred{} \emptyred{} > \emptyred{} \em
- 3) Open <TV SYSTEM> row with < ENTER >
- 4) Press <>> or <>>> to select desired setting and confirm with <<>>>.

*TV SYSTEM

According to the colour system of the TV, you can choose the TV system

- AUTO: choose this setting if your DVD player is connected to a multi-system TV
- NTSC: choose this setting if your DVD player is connected to a NTSC TV
- PAL: choose this setting if your DVD player is connected to a PAL TV

C) Video out setup



- 1) Open main menu by pressing < (SETUP) >
- 2) Select the **<VIDEO>** menu by pressing **<** > or **<** > and pressing **<** • >
- 3) Open <VIDEO OUT> row with < NTER >
- 4) Press <>> or <>> to select desired setting and confirm with <==>>.

*** VIDEO OUT**

- S-Video: choose this setting if your DVD player is connected to a TV with S-VIDEO video cables.
- INTERLACE-YUV: choose this setting if your DVD player is connected to a TV with Y, Cb, Cr video cables,
- P-SCAN: choose this setting if your DVD player is connected to a progressive scan TV with Y,Cb, Cr, video cables.

2. LANGUAGE SETUP

A) OSD menu language setup



- 1) Open main menu by pressing < >>
- 3) Open **<OSD LANGUAGE>** row with **< INTERPORT >**
- 4) Press <>> or <>>> to select desired setting and confirm with <<a>>>.
- * Highlight the OSD LANGUAGE option, and press • • buttons to choose the OSD language you prefer, press ENTER to confirm, and it will display OSD in that language.

System Setup

B) Subtitles language setup



- 1) Open main menu by pressing < **-->
- 2) Select the **<LANGUAGE>** menu by pressing **<**\$\(\sigma\)> or **<**\$\(\alpha\) > and pressing **<**\$\(\sigma\)>
- 3) Open **<SUBTITLES>** row with **<**
- 4) Press <>> or <>>> to select desired setting and confirm with <<>>>.
- *Highlight the SUBTITLE LANG option and press ◆ ▶ ▲ ▼ buttons to choose the subtitle language you prefer, press ENTER to confirm, if the disc you are playing has that language available, it will output subtitle in that language.

C) Audio language setup



- 1) Open main menu by pressing < > >
- 2) Select the **<LANGUAGE>** menu by pressing **<**\$\mathbb{\mod}\max\mo
- 3) Open <AUDIO> row with < ENTER >
- 4) Press <>> or <>> to select desired setting and confirm with <>>>.

D) DVD menu language setup



*Highlight the DVD MENU LANG option, and press ◆ ▶ ▲ ▼ buttons to choose the DVD menu language you prefer, press ENTER to confirm, if the disc you are playing has that language available, it will output subtitle in that language.

Notes:

If your preferred language isn't available, the disc's default language will be played.

3. AUDIO SETUP

A) Digital out setup



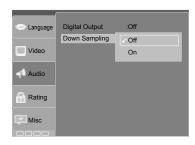
- 1) Open main menu by pressing < >>>
- 2) Select the **<AUDIO>** menu by pressing **<**\$> or **<**\$\mathbb{\emptyset}\$ > and pressing **<**\$\mathbb{\emptyset}\$>
- 3) Open < DIGITAL OUT > row with < ENTER >
- 4) Press <>> or <>> to select desired setting and confirm with <<>>>.

SPDIF/OFF: From the Coaxial Output Jack. no signal is output.

- SPDIF/RAW: Choose this setting if your DVD player is connected to a power amplifier with a coaxial cable or an optical cable when playing a disc recorded with Dolby Digital and MPEG audio formats, the corresponding digital signal will be output from the Coaxial Output jack or Optical Output jack. This player's digital output jacks are designed for a connection to a Dolby Digital, or MPEG receiver or decoder.
- SPDIF/PCM: Choose this setting if your DVD player is connected to a 2-channel digital stereo amplifier; when playing a disc recorded with Dolby Digital and MPEG audio formats, audio singals will be modulated into 2channel PCM signal, and it will be output from the Coaxial Output jack or Optical Output jack.

System Setup

B) Down sampling setup



- 1) Open main menu pressing < SETUP >
- 2) Select the <Audio> menu by pressing < 1 > or < 1 > and pressing <>.
- 3) Open < Down sampling > row with < ENTED >
- 4) Press <>>> or <>>> to select desired setting and confirm with <<<p>>.

C) DRC Setup



- 1) Open main menu by pressing < The >
- 2) Select the <Audio> menu by pressing <>> or <<>> and pressing < < > >
- 3) Open <DRC> row with < ENTER >.
- 4) Press < >> or < >> to select desired setting and confirm with < >>

NIGHT MODE: this function is generally used when playing high volume programs at night, in order not to disturb the neighbours, this selling can dynamically lower the volume and still keep the original tone quality, this is the range, measured in decibels (dB), between the loudest and the quietest sound registers in a sound track.

4. Rating SETUP

A) Password setup



- 1) Open main menu by pressing < >->.
- 2) Select the <Rating> menu by pressing <>> or <</br>
- 3) Enter a 4-digit number (this is your password, don't forget it).
- 4) Press < (ENTER) >

***SET PASSWORD**

The password is "8888", and you can set the ratings limit or change the password by entering "8888" number (this is your password, don't forget it), and pressing ENTER.

In order for the Rating feature to work, the password mode must be turned on, if you want to set the rating limit, you will need to enter the default password.

B) Rating setup



- 1) Open main menu by pressing < STUP >.
- 2) Select the <Rating> menu by pressing <>> or <>> and pressing < >>.
- 3) Open <PARENTAL CONTROL> by pressing <>>>
- 4) Press <>> or <>> to select desired setting and confirm with <

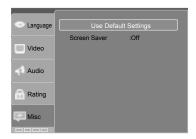
Use the ▲ ▼ buttons to move, adjust the scroll and adjust the contrast.

There are seven rating options:
1 KID SAFE, 2 G, 3 PG, 4 PG13, 5 PG-R, 6 R, 7 NC-17, 8 ADULT

Choose this option to setup the L and R mono output mode:

System Setup

C) Default-Reset setup



- Open main menu by pressing < < > >
 Select the <MISC> menu by pressing < > >
 > and pressing < < > >
- 3) Open <USE DEFAULT SETTINGS> row with < >>

* DEFAULT

Choose this option to resume all the setup options to default settings.

Trouble Shooting

When there is a problem it does not mean malfunction, before sending the product for repair, please check your device according to the following. Please note that under no circumstances should you attempt to repair the system yourself; this will invalidate the warranty.

Symptom	Remedy
No Power	 Make sure power cord is properly connected Check if there is power at the AC outlet by plugging in another appliance.
No picture	 Check if the TV is switched on Check the video connection Check the appropriate video input mode on the TV, whether it receives another DV signal
Unable to start playback	 If no disc is inserted, please insert the disc. Insert a playable disc of a correct type, check if regional code matches the DVD player. Ensure that the disc label is facing up. Clean the disc. Check if the disc is defective by trying another disc. Check to see if the disc is defective, badly scratched or warped (not flat).
Picture poor No sound	 Clean the disc if there are finger prints or dirt with a soft cloth, wiping from the centre to the edge in a straight line. Check the audio connection. Select the correct input mode of the audio receiver.
The remote control does no work properly	 Point the remote control at the remote sensor of the DVD player. Operate the remote control within about 23 ft (7m) Inspect or replace the batteries.
Wired Microphone unable to produce voice	Adjust the microphone volume to suitable volume. Turn on the microphone.
Player does not respond to some operating commands	Operations may not be permitted by the disc
Player can not close the tray	Please place the disc again on the centre of the tray.
Player cannot open the tray	If the tray is locked by obstacle or disc, please use the thin stick to enter into Emergency Opening Hole and move the inside bar on the bottom of the player manually.

Technical Specifications

Play mode	NTSC/PAL/AUTO
Disc mode	DVD, VCD, CD, SVCD, MP3, DVD-R, CD-R, CD-RW, JPEG, WMA
VIDEO CHARACTERISTICS	
Resolution	≥500 lines
Video S/N ratio	≥56dB
Audio characteristic	
Frequency response	fs 192KHz: 4Hz-44KHz: +/- 1dB
Audio S/N Ratio	≥90dB
Dynamic range	≥90dB
Distortion	< 0.01%
D/A converter	192KHz/24bit
Output characteristic	
Video output	1Vp-p (75 $^{\Omega}$)
S-Video output	Y:1Vp-p (75 Ω) C:0.3Vp-p (75 Ω)
Audio output	$2.0V \pm \frac{0.0V}{1.0V}$
Digital audio output	Coaxial
AC 3	2.1 channel output
Power voltage	~ 120-240V 50/60Hz
Power comsumption	≤25W

Specifications are subject to change without notice.

PALSONIC 1 JOYNTON AVENUE WATERLOO NSW 2017 AUSTRALIA

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