

TRANSONIC

# DVD Player with 5.1 channel audio output Instruction Manual

Model TC2302DVD



Please read these instructions carefully and retain for future reference.

For assistance during normal working hours (9am-5pm, Mon-Fri) call Oriental Pacific International Ltd.  
New Zealand call: **0800 89 85 80** or email: [service@orientalpacific.com](mailto:service@orientalpacific.com)

# 1.0 Important Safety Instructions

**When using any electrical apparatus always observe safety regulations and use basic safety precautions to reduce the risk of fire, electric shock and personal injury, including the following**

**Read, Keep and Follow these instructions, heeding all Warnings.**

**CAUTION!** This is a class 1 laser product. However this player uses a visible laser beam which could cause hazardous radiation exposure if directed. Be sure to operate the equipment as directed. Do not place eyes close to any openings when connected to the mains supply.

**WARNING!** Do not remove any cover.

**WARNING!** No objects filled with liquid, such as vases, shall be placed on this equipment or in any position where liquid may fall into this equipment or any other electrical apparatus.

**WARNING!** Do not insert any objects into any openings of this equipment or any other electrical apparatus.

**WARNING!** Do not use this apparatus near water. To avoid the risk of fire or electric shock, do not expose this apparatus to rain or moisture. The apparatus shall not be exposed to dripping or splashes and is strictly for indoor use only. **WARNING!** Not for use in Tropical humid climates.

**WARNING!** Do not immerse in any liquid whilst in use or cleaning. Clean only with a damp cloth, dry with a dry towel. Do not use harsh abrasives as these may damage the plastic parts.

**WARNING!** DO NOT block any ventilation openings. Keep away from curtains, newspapers and restricted areas. Install in accordance with any specific manufacturer's instructions. Always allow a sufficient gap around the apparatus to avoid overheating.

**WARNING!** Do not install near any heat sources such as radiators, gas heaters, stoves or other apparatus (including amplifiers) that produce heat. Do not leave in direct sunlight.

**WARNING!** Do not place any naked flame source, such as lighted candles on any electrical apparatus.

**WARNING!** Connect to a suitable 230-240V ~ 50 Hz power supply only. This equipment must be connected to a mains socket with a protective earth connection suitable for class 1 equipment.

**WARNING!** Keep out of reach of young children. This apparatus is not suitable for use by young children or infirm persons without supervision. Young children must be supervised to ensure that they do not play with the apparatus. Ensure young children have enough knowledge to operate the equipment safely if they do have access to this equipment.

**WARNING!** Do not abuse or damage a power cord. If any power cord is damaged, it must be replaced by the manufacturer, its service agent or a similarly qualified person in order to avoid a hazard. A replaceable cord must be replaced with an authorised replacement from an authorised service agent only.

**WARNING!** Only use attachments/accessories specified by the manufacturer.

**WARNING!** Unplug completely from the power source this apparatus during lightening storms or when unused for long periods of time.

**WARNING!** Attention is drawn to the environmental aspects of disposing of any battery.

**WARNING!** Refer all servicing to qualified personnel. Servicing is required when the apparatus has been damaged in any way, such as when the power supply cord or plug is damaged, liquid has been spilled or objects have fallen into the apparatus, the apparatus has been exposed to rain or moisture, does not operate normally, or has been dropped.

**WARNING!** For household use only, this apparatus is not intended for commercial use.

# 1.0 Important Safety Instructions (Continued)

**WARNING!** If this apparatus is to be used by a third party, please supply these instructions with it.

**WARNING!** Do not prevent easy access to the main wall switch and plug.

**WARNING!** No liability will be accepted for any personal injury or damage caused by failure to follow these instructions.

This product incorporates copyright protection technology that is protected by U S patent rights. Use of this copyright protection technology must be authorised by the Macrovision, and is intended for home and other limited viewing use only unless otherwise authorised by Macrovision. Reverse engineering or disassembly is prohibited.

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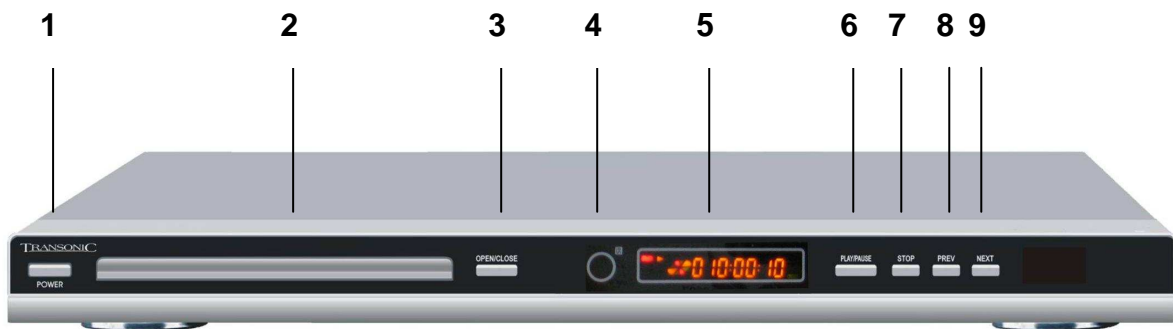
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## 2.0 Preparations before using

### 2.1 Front Panel

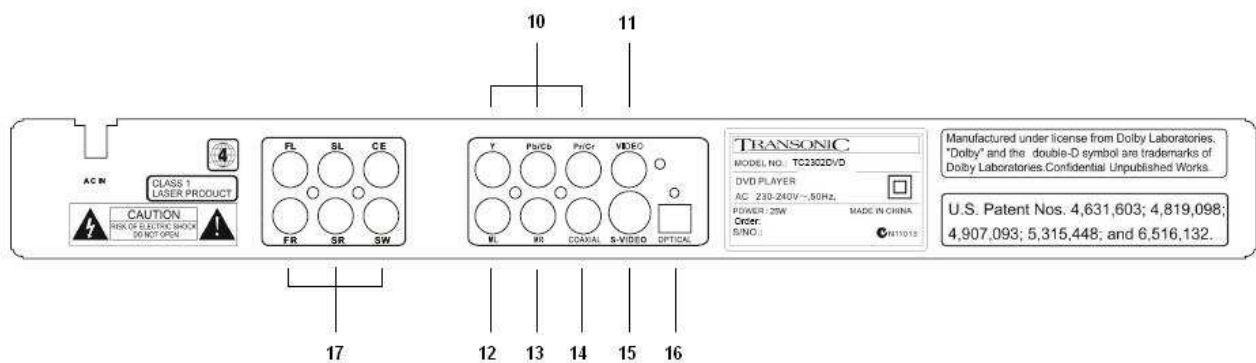


- 1. Power Button
- 2. Disc Tray
- 3. Open / Close Button

- 4. Remote Sensor
- 5. LED Display
- 6. Play / Pause Button

- 7. Stop Button
- 8. PREV Button
- 9. NEXT Button

### 2.2 Rear Panel



- 10. Component Video Out
- 11. Composite (AV) Video Out
- 12. Audio Left Output

- 13. Audio Right Output
- 14. Coaxial Digital Audio Out
- 15. S-Video Out

- 16. Optical Digital Audio Out
- 17. 5.1 Channel Out

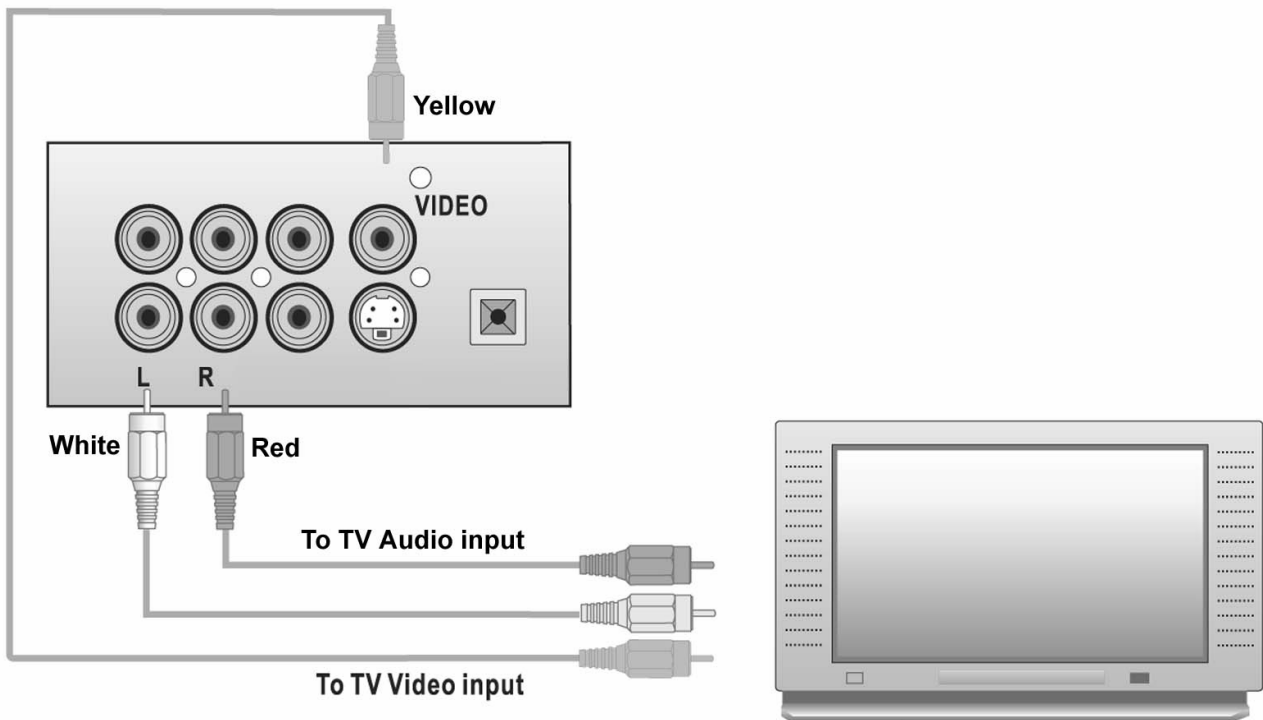
## 2.0 Preparations before using

### 2.3 Basic Connection

**Unpacking:** You should have 1 DVD – 1 Remote – 1 Set Batteries – 1 set AV Connection cable.

**Basic Connection:** Using AV cable (with Yellow, Red & White colour coded plugs)

**Note:** Make sure the power off, before connecting the unit to Television or any other device.



**DVD Connections:** Connect the Yellow plug to the Yellow Video output jack  
Connect the Red plug to the Red R (Audio Right) output jack  
Connect the White plug to the White L (Audio Left) output jack

**TV Connections:** Connect the Yellow plug to the Video IN jack on your TV  
Connect the Red plug to the Audio IN (Right) jack  
Connect the White plug to the Audio IN (Left) jack

**Power Connections:** Connect the supply plug into a suitable power outlet socket.

You now have basic AV connection. Turn on your TV & DVD Player and switch the TV channel to AV to view the DVD screen. You should see the start-up TRANSONIC logo.

## 2.0 Preparations before using

### 2.4 Playing a DVD

Turn on the TV & DVD player. Switch the TV to the AV channel. You should see start-up TRANSONIC logo.

1. Press the OPEN/CLOSE button on the DVD Remote (or on the unit itself)
2. Insert a disc label side up
3. Press the OPEN/CLOSE button once again, to close the tray and DVD player will start loading the disc.

Once at the main menu, follow the on screen instructions to start playing the movie. Use the directional keys to select the appropriate items and press the Enter key to confirm highlighted items on the menu screen.

### 2.5 Frequently Used Remote Buttons

**POWER:** Press to turn ON and press again to turn the DVD player to standby mode

**OPEN/CLOSE:** Press to open / close the disc tray

**SUBTITLE:** Press to turn ON / OFF subtitles and change subtitle language (if available with DVD disc)

**MENU:** Press to return to the DVD main menu

**NAVIGATE BUTTONS:** Press to navigate through menus on screen when in menu screens

**ENTER:** Press to select highlighted items in on screen menus, i.e. to play movie

**PLAY:** Press to play a track or DVD

**PAUSE:** Press to pause movie, press once more to resume normal play

**STOP:** Press to stop play

**FAST BACKWARD:** Press to rewind the track or movie

**FAST FORWARD:** Press to fast-forward a track or movie

**PREVIOUS:** Press to skip to the previous track or the previous chapter on a DVD

**NEXT:** Press to skip to the next track or the next chapter on a DVD (note: some DVD discs will not allow you to skip chapters forwards or backwards)

#### Battery Installation for the remote controller

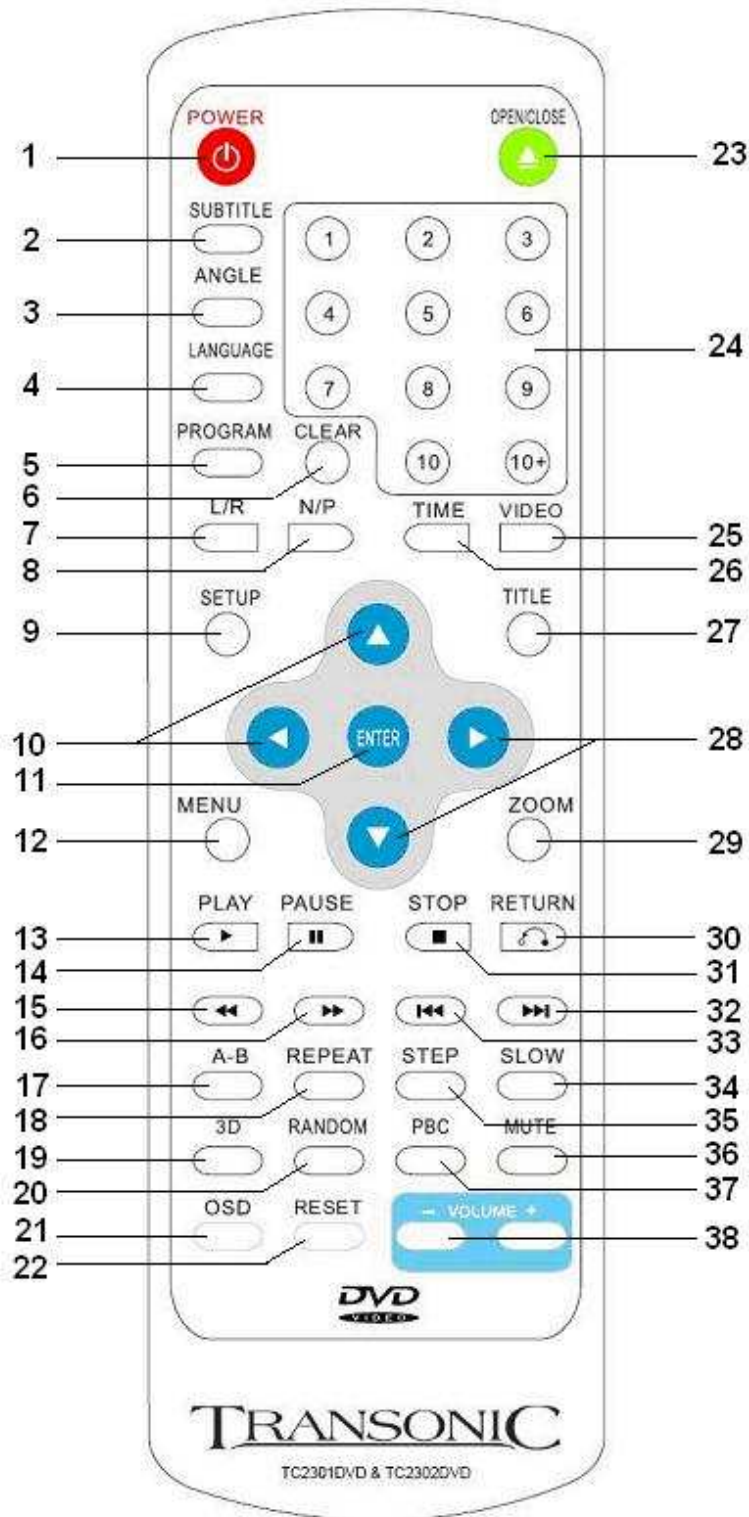
Place two AAA Alkaline batteries in the battery compartment. Be sure the polarities are correct. There should be no large obstacles between the remote controller and the DVD player.

#### Note:

1. The remote operation distance may vary according to the brightness of ambient light.
2. Do not leave the remote controller in an extremely hot or humid place.
3. If the remote controller is not used for a long period of time, remove the batteries to avoid possible damage from battery leakage and corrosion.
4. The batteries normally last for about one year although depending how often the remote controller is used. If the remote controller is not working even it is operated near the DVD player, please replace both batteries with new AAA Alkaline batteries.

# 3.0 Remote Controller

## 3.1 Remote Control Buttons



## 3.0 Remote Controller (continued)

### 3.2 Common Remote Key Descriptions

<b>1. Power</b>	Press to turn ON and press again to turn the DVD player to standby mode
<b>2. Subtitle</b>	Press to turn ON / OFF subtitles and change subtitle language (If available with DVD disc)
<b>3. Angle</b>	Press this to view the scene from another camera angle (note: Not all DVD scenes will have this option)
<b>4. Language</b>	Press to change the audio language, stereo (2CH) audio or 5.1CH audio (If available with DVD disc)
<b>5. Program</b>	To program the order in which the tracks on a CD or Chapters on a DVD play (note: Many DVD's will not allow this function)
<b>6. Clear</b>	Press to clear the number which entered by press the number keys
<b>7. L/R</b>	Press to select left mono, right mono, or mono mix
<b>8. N/P</b>	Press to select TV colour system from NTSC, PAL and MULTI to match TV system same as on your television
<b>9. SETUP</b>	Press to enter into the main setup menu to adjust the unit settings
<b>10 &amp; 28. Navigate</b>	Press to navigate through menus on screen when in menu screens
<b>11. Enter</b>	Press to select highlighted items in on screen menus, i.e. to play movie
<b>12. Menu</b>	Press this to return to the DVD menu
<b>13. Play</b>	Press to play a track or DVD movie
<b>14. Pause</b>	Press to pause movie, press once more to resume normal play
<b>15. Fast Backwards</b>	Press to rewind the track or movie, 2x-4x-8x-16x-32x-normal
<b>16. Fast Forwards</b>	Press to fast forward the track or movie, 2x-4x-8x-16x-32x-normal
<b>17. A-B</b>	This function is for you to repeat play the desired part of movie, press once to set point A on the movie, press again to set point B on the movie, will repeat play the movie between point A - B. Press once again to cancel the repeat.



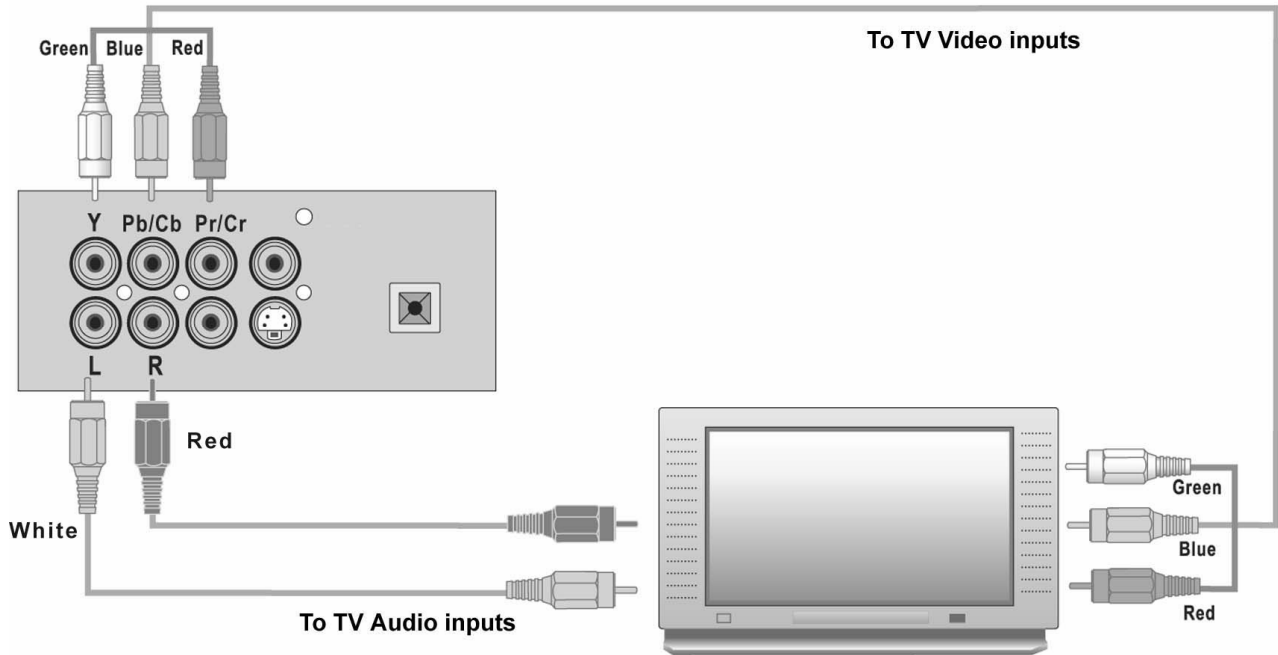
## 3.0 Remote Controller (continued)

<b>18. Repeat</b>	Used to repeat a DVD chapter/title or a CD Track or entire CD
<b>19. 3D</b>	No use for this model
<b>20. Random</b>	Press to random play the disc (If available with DVD disc)
<b>21. OSD</b>	Press to check playing time, remaining time for title, chapter, track or disc
<b>22. Reset</b>	Press to reset the unit to factory default setting
<b>23. Open/Close</b>	Press to open or close the disc tray
<b>24. Number keys</b>	Press to enter or select the number
<b>25. Video</b>	Press to select video output format. S-Video, YCbCr, YPbPr (P-Scan), RGB, VGA
<b>26. Time</b>	Select desired time or chapter number to play the movie Use number key "10" as "0" when enter the time
<b>27. Title</b>	Press to return to title menu (If available with DVD disc)
<b>29. Zoom</b>	Press to enter zoom mode play, 2x – 3x – 4x - normal
<b>30. Return</b>	Press to return to the beginning or root menu
<b>31. Stop</b>	Press once to stop play the disc and can resume playing by press play button. Press twice fully stop play the disc
<b>32. Next</b>	Press to skip to the next track or the next chapter on a DVD (Note: some DVD discs will not allow you to skip chapters forwards or backwards)
<b>33. Previous</b>	Press to skip to the previous track or the previous chapter on a DVD
<b>34. Slow</b>	Press to enter the slow motion mode, ½ - ¼ - 1/8 – 1/16 - normal
<b>35. Step</b>	Pause the movie and play step by step
<b>36. Mute</b>	Press to mute the audio output, press again to resume playing
<b>37. PBC</b>	Press to return to the root menu (If available with the disc)
<b>38. Volume</b>	Press to adjust the master volume of the system.

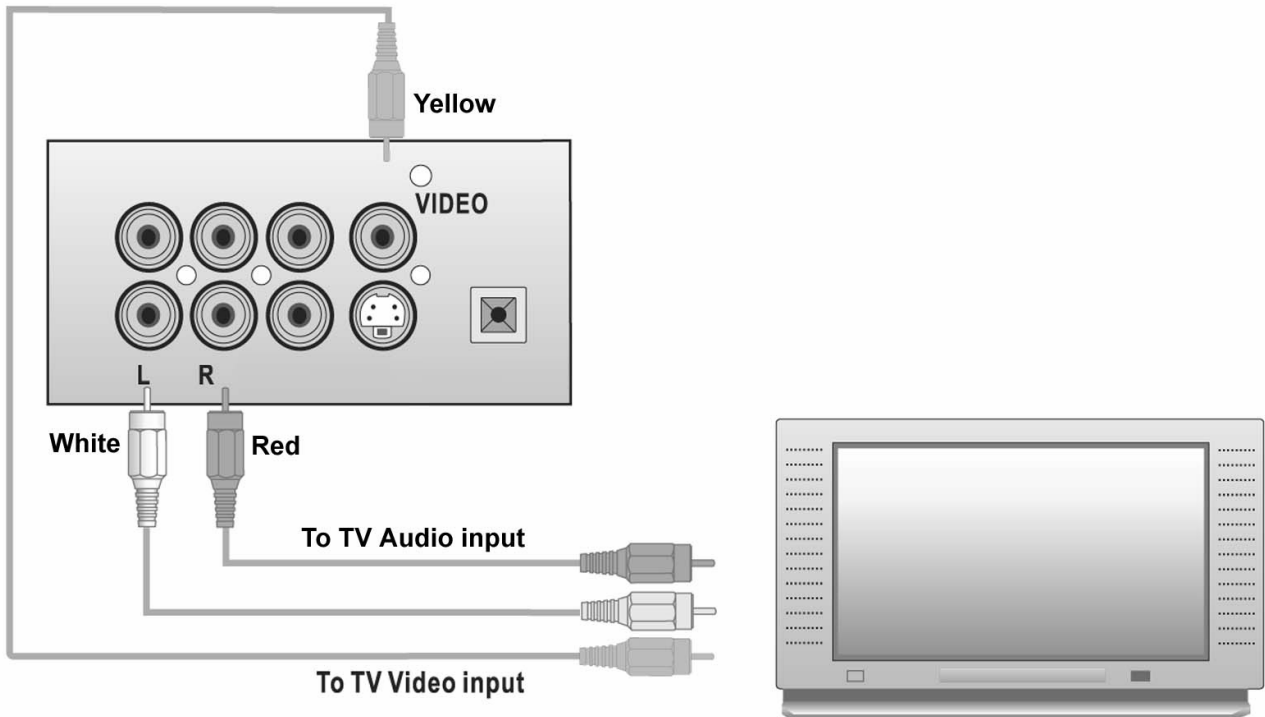
## 4.0 Connection Options

### 4.1 Component & Composite Video System Connections

#### Component Connection



#### Composite Video Connection

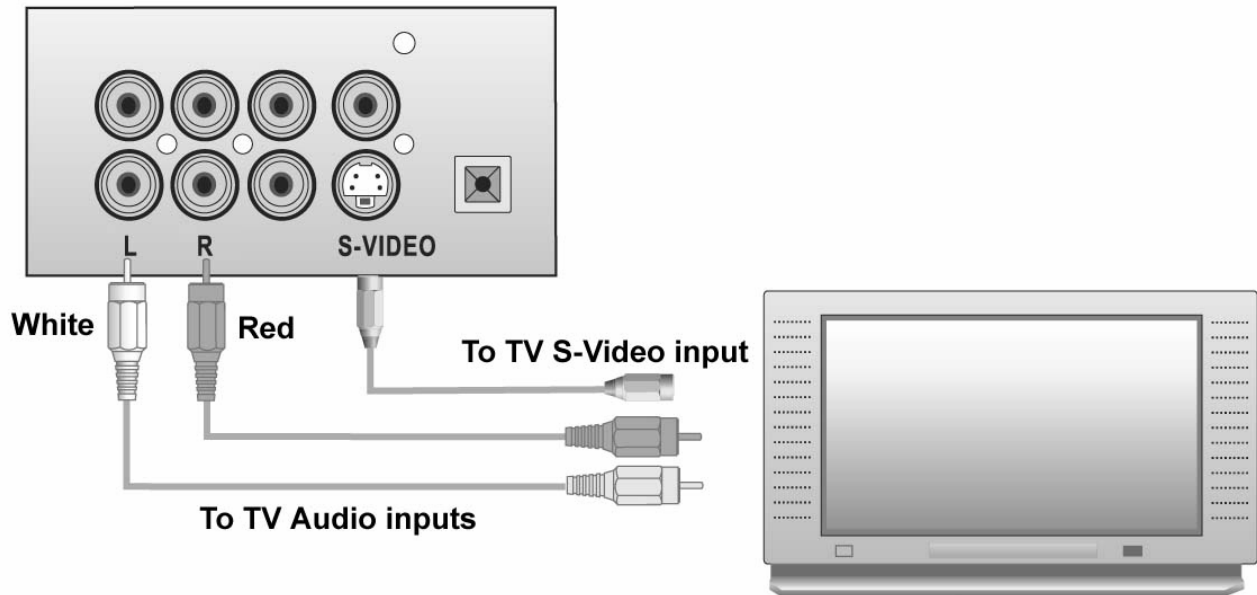


**! NOTE:** if you change the Video Output setting to YPbPr (P-SCAN) and you do not have a progressive scan supported television you will lose picture. Press the VIDEO button on the remote to change back to Interlace mode and picture will return.

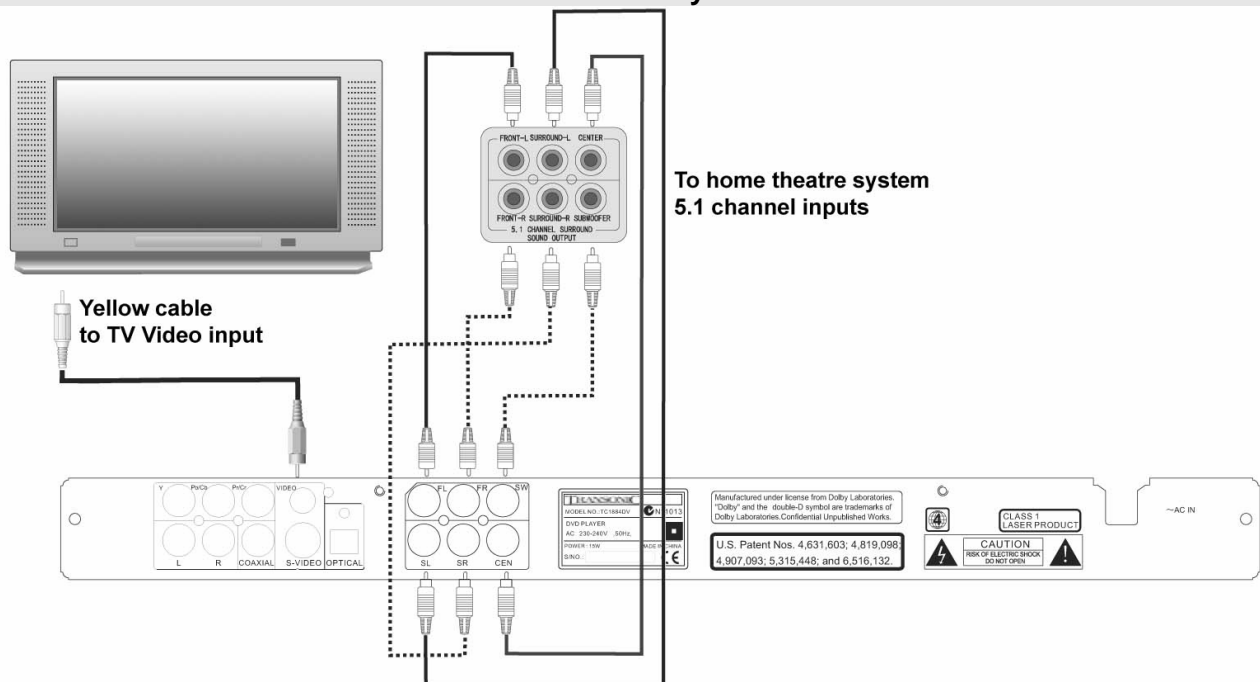
## 4.0 Connection Options (continued)

### 4.2 S-Video & Home Theatre System Connections

#### S-Video Connection



#### 5.1 Channel Home Theatre System Connection \*\*



**\*\* ! NOTE: 5.1 CHANNEL:** To use 5.1 Channel sound you must enter the SETUP menu and the AUDIO menu then scroll down to DOWNMIX and select 5.1 CHANNEL output.

## 5.0 Setup Menu

### 5.1 Menu Operation & Navigation

- Press the **SETUP** button on the remote to enter the Setup menu.
- Use the **Right** or **Left Navigate Key** to select the menu you wish to enter:
  - **General** Setup Page
  - **Audio** Setup Page
  - **Dolby** Digital Setup
  - **Video** Setup Page
  - **Preference** Page
- Use the **Up** or **Down Navigate Key** to enter the sub-menu
- Press the **Right Navigate Key** to enter the selected the sub-menu
- Press the **Up** or **Down Navigate Key** to highlight the selection (if possible)
- Press the **ENTER** to confirm the selection
- Press the **Setup** button to exit the setup menu

Note: if any value could not be selected, please remove the disc from the player and try again.

### 5.2 General Setup Page

Inside the General setup menu you will find the following sub-menus:

<b>TV Display</b>	Used to change the aspect ratio to match your television Normal/PS – 4:3 PanScan Normal/LB – 4:3 Letter Box Wide – 16:9 Wide Screen
<b>Angle Mark</b>	On/Off the angle mark to be show on the screen when multi-angle option available (Default: Off)
<b>OSD Lang</b>	Used to select On-Screen-Display language (Default: English)
<b>Captions</b>	On/Off the caption display function (Default: Off) Note: some television may not support this function
<b>Screen Saver</b>	If no activity of the player for about 2-3 minute, the screen saver will be displayed to prevent potential damage to the television screen. On – activate screen saver Off – disable screen saver (Default: Off)

## 5.0 Setup Menu (continued)

### 5.3 Audio Setup Page

Inside the Audio setup menu you will find the following sub-menus:

**Speaker Setup**  
Downmix: default setting – Stereo (2 CH)  
Front Speaker: default setting - Large  
Center Speaker: default setting – small  
Rear Speaker: default setting - small  
Subwoofer: default setting - On

**SPDIF Setup**  
SPDIF Off  
SPDIF / RAW  
SPDIF / PCM

#### DownMix

LT/RT: select this option when the DVD player is connection to external amplifier with Pro-Logic decoding function.

Stereo: select this option when using only 2CH the front-left and front-right speakers with normal stereo sound effect.

Off: Default setting, to output decoded 5.1CH surround sound.

#### SPDIF Setup

SPDIF Off: switch off the coaxial and optical output.

SODIF /RAW: select this option when using coaxial or optical connection with an amplifier with built-in Dolby/DTS decoder.

SODIF /PCM: select this option when connect to a 2 CH audio amplifier, a multi-channel sound will be mixed to recode a two-channel sound.

### 5.4 Dolby Digital Setup

Inside the Dolby Digital Setup menu you will find the following sub-menus:

**Dual Mono**  
Used to change the audio output channel  
Stereo: output left channel and right channel audio.  
L-Mono: output left channel only to 2 front channels.  
R-Mono: output right channel only to 2 front channels.  
Mix-Mono: output the average signal of the mixed left channel and right channel audio to 2 front channels.

**Dynamic**  
Setup the Dynamic compression ration. Default setting: FULL.

## 5.0 Setup Menu (continued)

### 5.5 Video Setup Page

Inside the Video Setup menu you will find the following sub-menus:

<b>Video Output</b>	Set the video output mode. <u>S-video</u> : S-video output mode. <u>YUV</u> : component video output mode, YCbCr or YPbPr.
<b>TV Mode</b>	<u>Sharpness</u> : High, Medium, and Low. <u>Brightness</u> : value from -20 to +20. Default setting: 00 <u>Contrast</u> : value from -16 to +16. Default setting: 00

### 5.6 Preference Page

Inside the Preference page you will find the following sub-menus:

<b>TV Type</b>	Output TV colour system to match the television. PAL, Multi, NTSC. Default setting: PAL.
<b>PBC</b>	Playback Control (PBC) function on / off (for VCD disc only).
<b>Audio</b>	Select the default audio language. Not all DVD discs are recorded with multiple languages.
<b>Subtitle</b>	Select the default subtitle language. Select OFF to disable subtitle. (If available with the disc).
<b>Disc Menu</b>	Select the default disc menu language. (If available with the disc).
<b>Parental</b>	Parental control function. Allows the user to select the rating of movie that can be played on the unit. Note: This function is available only when the discs have rating encoded on.
<b>Password</b>	The factory default password: 1369
<b>Default</b>	Use this to restore all factory default settings. (NOTE: this will not restore the default password)

## 6.0 Trouble Shooting

Should your DVD player develop a problem, please refer below before requesting service.

Symptom	Check & Action
<b>No Power</b>	Check if power cord is connected properly to the power outlet. Check if main power button on the unit is switched on.
<b>Remote not working</b>	Make sure the main power button on the unit is switched on. Remove obstacles between the remote and the DVD player. Ensure you are pointing the remote at the remote sensor on the DVD player. Check the batteries have been inserted properly. Replace dead batteries.
<b>Does not play</b>	No disc, load a disc. Disc has been loaded upside down, place disc with label side up. Disc region code may not match the player (region 4). Disc rating is higher than parental rating that has been set. Disc is not correct type for the player. Disc is damaged or dirty. Moisture may be condensed inside the player, remove disc and leave the unit on for 1 or 2 hours before using.
<b>No Picture</b>	Check to see if the TV is turned on & correct channel selected. Check video system connections are correct & secure. Check if the connection cables are damaged. Press the RESET button to restore factory defaults.
<b>Picture / Noise distorted</b>	The disc is dirty or damaged, clean the disc and try again. Fast forward / backward is activated. Reset the colour system of the TV.
<b>Picture not full screen</b>	Select the screen format from the DVD player setup menu. Select the screen format from DVD disc menu
<b>Problem message displayed on screen</b>	<i>The following messages will appear when there is a problem with the loaded disc.</i> "WRONG REGIONAL DISC" The disc's region code does not match to the player. Get a disc with region 4 (NZ & Australia) code. "WRONG PASSWORD" The player will not play a disc with a rating level higher than the player's rating level setting - change the rating level. "WRONG DISC" The player will not play a damaged disc or certain types of discs.
<b>Malfunction</b>	Press and hold the standby button for about 5 seconds to power off. Should the player develop a malfunction, unplug the player for 30 minutes. After 30 minutes power on the player and the restore function should reset the player.
<b>Cannot skip or search</b>	Some discs will not allow you to skip or search. Single chapter discs cannot use the skip function.
<b>No sound or sound output not complete</b>	Check if the TV/Home theatre system is turned on. Check the connections are correct and secure. Press the LANGUAGE button to select other audio tracks output of disc Check to see if the MUTE function of the DVD player or TV is not on There will be no sound played during the following: Reverse play, pause, step, slow & search.

## 7.0 Specification

<b>Model</b>	DVD PLAYER TC2302DVD
<b>Play Mode</b>	PAL / NTSC / Multi
<b>Disc format</b>	DVD, VCD, MP3, Picture-CD, CD, CD-R, CDR-W, DVD-R
<b>Resolution</b>	≥ 500 lines
<b>Video S/N ratio</b>	≥ 56dB
<b>Frequency response</b>	fs 96KHz: 4Hz – 44KHz : +/-1dB
<b>Audio S/N ratio</b>	≥ 90dB
<b>Dynamic range</b>	≥ 90dB
<b>Distortion</b>	< 0.01%
<b>D/A converter</b>	192KHz/24bit
<b>Video output</b>	1Vp-p (75Ω)
<b>S-video output</b>	Y: 1Vp-p (75Ω) C: 0.3Vp-p (75Ω)
<b>Audio output</b>	5.1 channel output, 2.0V +0.0V/-1.0V
<b>Digital Audio Output</b>	Coaxial, Optical
<b>Power Input</b>	AC 230-240V 50Hz
<b>Power Consumption</b>	25W
<b>Dimensions</b>	Body size: 430 x 235 x 38mm Net Weight: 3.2kg

Note: Design and specifications are subject to change without prior notice for the purpose of performance improvement.



## Guarantee Card

This Product is guaranteed against faulty materials and workmanship for a period of two years from date of purchase. The obligation to the purchaser under this warranty is limited to servicing the unit and replacing defective parts when the product is returned freight prepaid to the retailer. This warranty becomes void if the product has been tampered with, damaged, damaged by accident, damaged in any other way by improper use or has been purchased second hand.

Warning! Refer specific instructions. All production orders have quality inspections. In the unlikely event of a deficiency, please contact the retailer from whom this product was purchased.

### WARRANTY FOR APPLIANCES USED COMMERCIALY LIMITED TO 90 DAYS

Type of Appliance: DVD Player with 5.1 channel audio output

Model Number: TC2302DVD      Purchase date: \_\_\_\_\_

Product Purchased From: \_\_\_\_\_

Your Name: \_\_\_\_\_

Address: \_\_\_\_\_

Phone Number: \_\_\_\_\_

#### **IMPORTANT!**

Please retain this warranty card with your **purchase receipt**.

Please **do not post to the retailer** or importer. If service is required, both of these documents are to be returned with the appliance to your retailer, otherwise a fee may be charged.

#### **For Technical Assistance**

NZ Freephone 0800 89 85 80

Email: [administration@orientalpacific.com](mailto:administration@orientalpacific.com)

Web: [www.orientalpacific.com](http://www.orientalpacific.com)