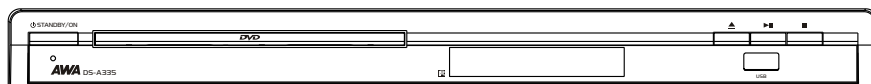


AWA



USER MANUAL

MODEL: DS-A335



N Please read all warnings and instructions carefully before operating this unit.

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Should you encounter any problems, please contact the help line before you return this product back to the place of purchase.

Contact our Toll Free Warranty Support Help Line

1300 366 144

Email: warrantyhelp@awa.com.au

Visit our web site for FAQ's or request for service
www.awa.com.au



The lightning flash with arrowhead symbol, within an equilateral triangle, is intended to alert the user to the presence of uninsulated "dangerous voltage" within the product's enclosure that may be of sufficient magnitude to constitute a risk of electric shock to persons.



The exclamation point within an equilateral triangle is intended to alert the user to the presence of important operating and maintenance (servicing) instructions in the literature accompanying the appliance.



The symbol for CLASS II (Double Insulation).

WARNING:

TO REDUCE THE RISK OF FIRE OR ELECTRIC SHOCK, DO NOT EXPOSE THIS APPLIANCE TO RAIN OR MOISTURE, DANGEROUS HIGH VOLTAGES ARE PRESENT INSIDE THE ENCLOSURE. DO NOT OPEN THE CABINET, REFER SERVICING TO QUALIFIED PERSONNEL ONLY.

CAUTION:

When replace the direct plug in power supply or a separable, cord-connected power supply, the replacement must be exact duplicate, or one recommended by the manufacturer.

TO PREVENT ELECTRIC SHOCK, MATCH WIDE BLADE OF PLUG TO WIDE SLOT, FULLY INSERT.

This product utilizes a laser.

Use of controls or adjustments or performance of procedures other than those specified here in may result in hazardous radiation exposure.

Do not open the cover and do not repair yourself. Refer servicing to qualified personnel.

DANGER: Visible and invisible laser radiation when open and interlock failed or defeated. Avoid direct exposure to beam.



SAFETY PRECAUTIONS

This item incorporates copy protection technology that is protected by U.S. patents and other intellectual property rights of Rovi Corporation. Except as otherwise required by law which cannot be excluded, reverse engineering and disassembly are prohibited.



Manufactured under license from Dolby Laboratories. Dolby and the double-D symbol are trademarks of Dolby Laboratories.



IMPORTANT SAFETY INSTRUCTIONS

CAUTION: PLEASE READ AND OBSERVE ALL WARNINGS AND INSTRUCTIONS GIVEN IN THIS MANUAL AND THOSE MARKED ON THE UNIT. RETAIN THIS BOOKLET FOR FUTURE REFERENCE.

This set has been designed and manufactured to assure personal safety. Improper use can result in electric shock or fire hazard. The safeguards incorporated in this unit will protect you if you observe the following procedures for installation, use and servicing. This unit is fully transistorized and does not contain any parts that can be repaired by the user.

DO NOT REMOVE THE CABINET COVER OR YOU MAY BE EXPOSED TO DANGEROUS VOLTAGE. REFER SERVICING TO QUALIFIED SERVICE PERSONNEL ONLY.

1. Read this manual

After unpacking this product, read the manual carefully. Follow all the operating and other instructions.

2. Ventilation

Slots and openings in the cabinet are provided for ventilation and to ensure operation of the product. These protect it from overheating. These openings must not be blocked or covered. The openings should never be blocked by placing the product on a bed, sofa, rug or other.

3. Heat

The product should be situated away from heat sources such as radiators, heat registers, stoves, or other products (including amplifiers) that produce heat.

4. Water and Moisture

Do not use this product near water for example, near a bathtub, wash bowl, kitchen sink, or laundry tub, in a wet basement or near a swimming pool. The apparatus shall not be exposed to dripping or splashing and that no objects filled with liquids, such as vases, shall be placed on the apparatus.

5. Cleaning

Unplug this product from the wall outlet before cleaning. Do not use liquid cleaners or aerosol cleaners. Use a dry cloth for cleaning.

6. Power-cord protection

Power-supply cords should be routed so that they are not likely to be walked on or pinched by items placed upon or against them. Paying particular attention to cords at plugs, convenience receptacles, and the point where they exit from the product.

7. Lightning

For added protection for this product during storm, or when it is left unattended and unused for long periods of time, unplug it from the wall outlet. This will prevent damage to the product due to lightning and power-line surges.

8. Object and Liquid entry

Never push objects of any kind into this product through openings as they may touch dangerous voltage points or short-out parts that could result in a fire or electric shock. Never spill liquid of any kind on the product.

9. Attachments

Do not use attachments not recommended by the product manufacturer as they may cause hazards.

10. Accessories

Do not place this product on an unstable cart, stand, tripod, bracket, or table. The product may fall, causing serious injury to a child or adult, and serious damage to the product. Use only with a cart, stand, tripod, bracket, or table recommended by the manufacturer, or sold with

table recommended by the manufacturer, or sold with the product. Any mounting of the product should follow the manufacturer's instructions, and should use a mounting accessory recommended by the manufacturer. A product and cart combination should be moved with care. Quick stops, excessive force, and uneven surfaces may cause the product and cart combination to overturn.



11. Disc tray

Keep your fingers well clear of the disc tray as it is closing. Neglecting to may cause serious personal injury and damage to the product.

12. Burden

Do not place a heavy object on or step on the product. The object may fall causing serious personal injury and serious damage to the product.

13. Damage Requiring Service

Unplug this product from the wall outlet and refer servicing to qualified service personnel under the following conditions:

- When the power-supply cord or plug is damaged.
- If liquid has been spilled, or objects have fallen into the product.
- If the product has been exposed to rain or water.
- If the product does not operate normally by following the operating instructions. Adjust only those controls that are covered by the operating instructions as an improper adjustment of other controls may result in damage and will often require extensive work by a qualified technician to restore the product to its normal operation.
- If the product has been dropped or damaged in any way.
- When the product exhibits a distinct change in performance - this indicates a need for service.

14. Servicing

Do not attempt to service this product yourself as opening or removing covers may expose you to dangerous voltage or other hazards. Refer all servicing to qualified service personnel.

15. Replacement Parts

When replacement parts are required, be sure the service technician has used replacement parts specified by the manufacturer or have the same characteristics as the original part. Unauthorized substitutions may result in fire, electric shock, or other hazards.

16. Safety Check

Upon completion of any service or repairs to this product, ask the service technician to perform safety checks to determine that the product is in proper operating condition.

17. Other

- Cutting the power only when plug of apparatus is pulled out, so please make sure the plug can be pulled out from the socket easily.
- The MAINS plug is used as the disconnect device, the disconnect device shall remain readily operable.

NOTES ON HANDLING

- The top and rear panels of the unit may become warm after a long period of use. This is not a malfunction.
- When the unit is not use, be sure to remove the disc and turn off the power.
- If you do not use the unit for a long period, the unit may not function properly in the future. Turn on and use the unit occasionally.
- Do not place foreign objects on the tray.

LOCATION

Do not locate the unit in places such as:

- Near heating devices or in enclosed car.
- High temperature (40°C or higher) or high humidity (90% or higher).
- Dirty places.
- Avoid direct exposure to sunshine

DISTURBANCE

When you place this unit near a TV, radio or VCR, the playback picture may become poor and the sound may be distorted. In this case, place the unit away from the TV, radio or VCR.

NOTES ON MOISTURE CONDENSATION

The pickup may be condensed with water under the following situation.

- When you bring the unit directly from a cold place to a warm place.
- When you use the unit in a room where you just turned on the heater, or a place where the cold air from the air conditioner directly hits the unit.
- During the summer, when you use the unit in a hot and humid place just after you move the unit from an air conditioned room.
- The room is vaporous or damp.

If condensation exists, the unit will not operate properly. Remove the disc, connect the power cord of the unit to the wall outlet, turn on the unit, and leave it for two or three hours. After two or three hours, the unit will have warmed up and evaporated any moisture. Keep the unit connected to the wall outlet and moisture condensation will seldom occur.

ON HANDLING DISCS

- Do not touch the playback side of the disc.
- Do not attach paper or tape to disc.



ON CLEANING DISCS

- Fingerprints and dust on the disc cause picture and sound deterioration. Wipe the disc from the centre outwards with a soft cloth. Always keep the disc clean.



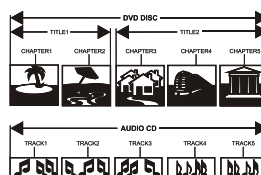
- If you can not wipe off the dust with a soft cloth, wipe the disc lightly with a slightly moistened soft cloth and finish with a dry cloth.
- Do not use any type of solvent such as thinner, benzene, commercially available cleaners or antistatic spray for vinyl Lps. It may damage the disc.

ON STORING DISCS

- Do not store discs in a place subject to direct sunlight or near heat source.
- Do not store discs in place subject to moisture and dust such as a bathroom or near a humidifier.
- Store discs vertically in a case. Stacking or placing object on discs outside or their case may cause warping.

STRUCTURE OF DISC CONTENTS














Normally, DVD discs are divided into titles, and the titles are sub-divided into chapters. Audio CD are divided into tracks.



Each title, chapter, or track is assigned a number, which is called title number, chapter number or track number respectively.

There may be discs that do not have these number.

Playable Disc Type:

Disc Types	Disc Logo	Contents
DVD VIDEO		Audio +Video (moving picture)
VIDEO-CD (VCD)	 VIDEO CD	Audio +Video (moving picture)
AUDIO CD		Audio
MP3	MP3	Audio
WMA		Audio
JPEG		Video (still picture)
KODAK PICTURE CD		Video (still picture)
DivX		Audio + Video
CD-R		Audio or Video
CD-RW		Audio or Video
DVD+R		Audio or Video
DVD+RW		Audio or Video
DVD-R		Audio or Video
DVD-RW		Audio or Video

- Discs other than those listed above can not be played.
- Non-standardized discs, even if they may be labeled as above cannot be played.
- Some discs feature both Dolby Digital and DTS soundtracks. There is no analogue audio output when DTS is selected. To listen to the DTS soundtrack, connect this DVD player to a DTS decoder or AV amplifier receiver with built-in DTS decoder via the "Coaxial output" or "HDMI output". See Page 9 for details.



Playable files formats

Supported video file formats

DivX

- Video Files with following extensions can be played.: .avi, .divx, .AVI, .DIVX.
- DivX Video(Codec) Format: DivX 3.11, DivX 4.x, DivX 5.x(without QPEL and GMC), DivX 6.x.
- DivX Audio(Codec) Format: MP3, MPEG1 Audio Layer 2, AC3.
- Supported subtitle file formats: .smi, .srt, .sub, .psb.
- Maximum resolution: 720x480@30fps
720x576@25fps
- Minimum resolution: 16x16.
- Maximum frame rate for progressive source: 30 frames per second.
- Maximum field rate for interlace source: 60 fields per second.
- You cannot play back a disc with a resolution greater than 720 x 576 pixels.

Supported image file formats

JPEG

- Resolution: Up to 3 072 x 2 048 pixels
- This player supports baseline JPEG.
- This player supports Exif Ver.2.2.
- This player supports JPEG HD. Images are output with a high resolution of 720p or 1 080i.

Supported audio file formats

- This player does not support VBR (Variable Bit Rate).
- This player does not support lossless encoding.

Windows Media Audio (WMA)

- Sampling frequencies: 32 kHz, 44.1 kHz and 48 kHz.
- Bit rate: Up to 192 kbps
- This player supports files encoded using Windows Media Player Ver.7/7.1, Windows Media Player for Windows XP and Windows Media Player 9 Series.

MPEG-1 Audio Layer 3(MP3)

- Sampling frequencies: 32 kHz, 44.1 kHz and 48 kHz.

Playable file extensions

Video files

.divx .avi .xvid

Files not containing DivX video signals cannot be played, even if they have the extension ".avi".

Image files

.jpg

Audio files

.wma .mp3

ACCESSORIES

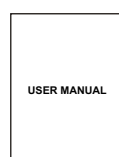
- Audio/Video cable 1
- User Manual..... 1
- Remote control 1
- Batteries..... 2



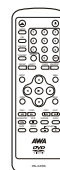
Two batteries



Audio/Video cable

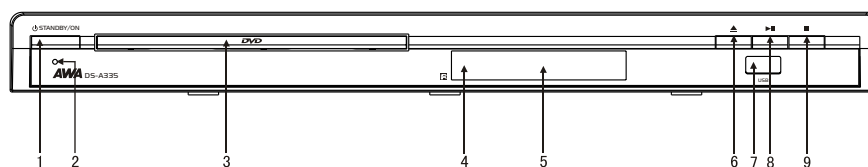


USER MANUAL



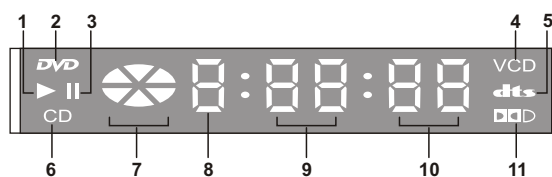
Remote control

FRONT PANEL



- | | |
|--------------------------|---------------|
| 1. STANDBY/ON | 6. OPEN/CLOSE |
| 2. POWER INDICATOR | 7. USB |
| 3. TRAY | 8. PLAY/PAUSE |
| 4. REMOTE CONTROL SENSOR | 9. STOP |
| 5. LED SCREEN | |

LED DISPLAY of DVD

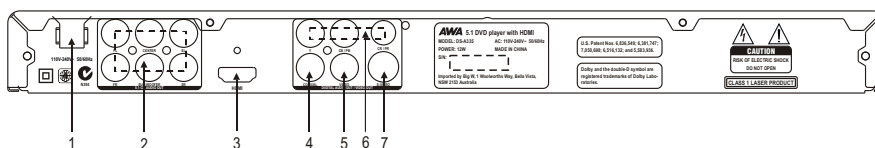


- | | |
|-----------------------|------------------------------|
| 1. Play display | 7. Rotate playback indicator |
| 2. DVD disc indicator | 8. Hour display |
| 3. Pause display | 9. Minute display |
| 4. VCD disc indicator | 10. Second display |
| 5. DTS digital | 11. Dolby flag |
| 6. CD disc indicator | |



BASIC CONNECTION

REAR PANEL OUTPUT



- | | |
|------------------------------|---------------------------|
| 1. POWER LINE INPUT | 5. VIDEO OUTPUT |
| 2. 5.1 CHANNELS AUDIO OUTPUT | 6. Y, CB/PB, CR/PR OUTPUT |
| 3. HDMI OUTPUT | 7. S-VIDEO OUTPUT |
| 4. COAXIAL OUTPUT | |

BASIC CONNECTION

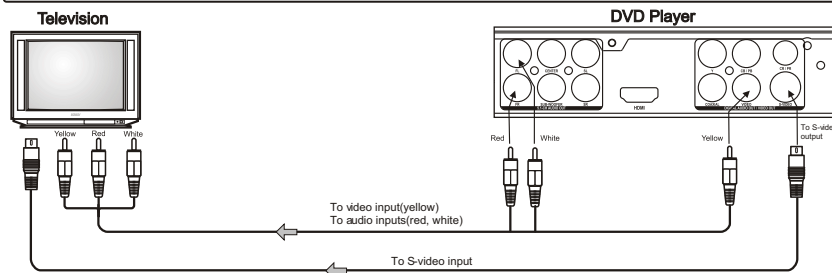
● Connecting to a devices with HDMI faucet



Easy DVD hook-up guide: For the best possible picture, simply follow these guidelines and use the best cables your TV accepts: Normal: Composite video Good: S-video
Better: Component video Best: HDMI video

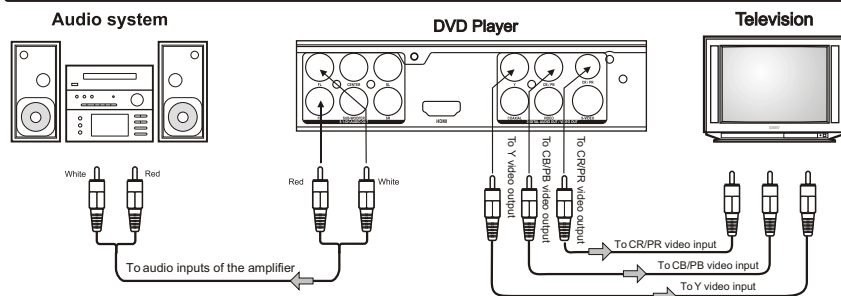
HD DVD playback: Enjoy your entire DVD collection in brilliant high definition format. This DVD player upconvert DVDs to your HDTV's native resolution, whether it's 480p, 720p, 576p, 1080i and 1080p.
HDMI output: Use this output for HD conversion and experience stunning HD images and crisp digital audio.

● Connecting to a TV with Audio/Video cable

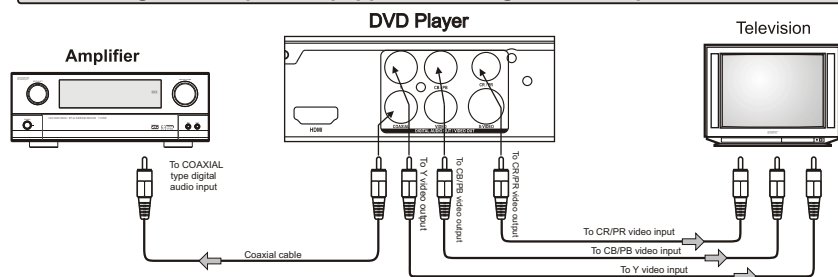


If the TV has an S-video input, connect the DVD player with an S-video cable.
When using an S-video cable, do not connect the yellow video cable.

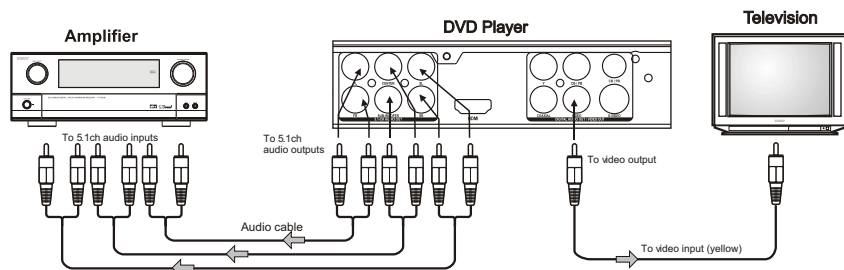
● **Connecting to a audio system and TV equipped with YUV video input**



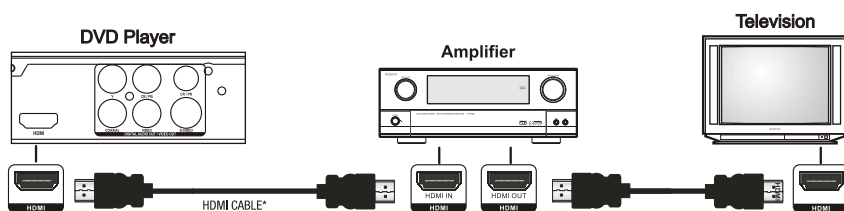
● **Connecting to an amplifier equipped with a digital audio input and TV**



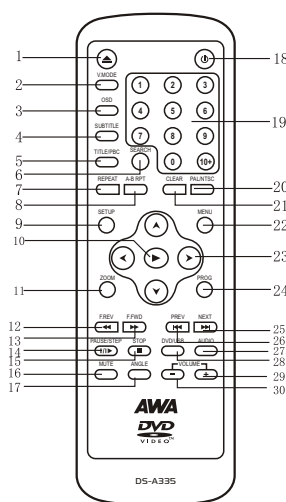
● **Connecting to an amplifier equipped with 5.1ch audio input and TV**



● **Connecting to an amplifier equipped with HDMI audio input and TV**

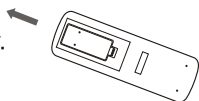


REMOTE CONTROL

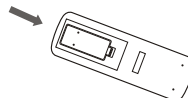
	<p>Function</p> <ol style="list-style-type: none"> 1. OPEN/CLOSE DISC TRAY 2. V.MODE 3. OSD (On Screen Display) 4. SUBTITLE 5. TITLE/PBC 6. SEARCH 7. REPEAT 8. A-B REPEAT 9. SETUP 10. ENTER/PLAY 11. ZOOM 12. FAST REVERSE 13. FAST FORWARD 14. PAUSE/STEP 15. STOP 	<p>Function</p> <ol style="list-style-type: none"> 16. MUTE 17. ANGLE 18. STANDBY 19. DIGITS AND 10+ BUTTONS 20. PAL/NTSC 21. CLEAR 22. MENU 23. CURSOR → LEFT 24. PROGRAM 25. NEXT 26. PREVIOUS 27. AUDIO 28. DVD/USB 29. VOLUME + 30. VOLUME -
--	---	--

Loading Batteries

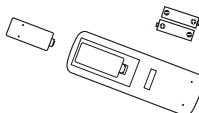
1. Open the cover.



3. Close the cover.



2. Insert batteries.



Make sure to match the + and - on the batteries to the marks inside the battery compartment.

Notes on batteries

- Do not insert batteries into the remote control in the wrong direction.
- Do not charge, heat, open, or short-circuit the batteries. Do not throw batteries into a fire.
- Do not use different types of batteries together, or mix old and new batteries.
- If the remote control does not function correctly or if the operating range becomes reduced, replace all batteries with new ones.

Preparations

- When you want to view a disc, turn on the TV and select the video input connected to the DVD player.

Basic playback

1. Press STANDBY/ON in the front panel, the DVD player turns on and the TV screen will display the start logo. If a disc is already in the tray, it will begin to play once the power is on.
Note: Different status for LED display and power indicator light of front panel:
 - Under working mode: , power indicator light is off;
 - Under standby mode: no display in LED, power indicator light is red;
 - Power is not connected: no any display in LED or power indicator light.
2. Press OPEN/CLOSE ▲ to open the disc tray, LED displays "OPEN", place a disc on the disc tray.
 - There are two different disc sizes. Place the disc in the correct guide on the disc tray. If the disc is out of the guide, it may damage the disc and cause the DVD player to malfunction.
 - Do not place a disc which is unplayable in this DVD player.
3. Press OPEN/CLOSE to close the disc tray, LED displays "CLOSE", the playback will automatically start.
 - Some discs may not playback automatically, you can press ENTER/PLAY button to start playback.
4. Some discs may start playback with a menu, use the cursor button on the remote control to select menu options and press ENTER/PLAY to start, or press digits to select a menu options directly.

Pause/step playback

1. Press PAUSE/STEP II/II► first time to pause playback (still mode). The sound will be muted during still mode.
2. Press PAUSE/STEP II/II► continuous to single step forward to the next frame in the video.
3. Press ENTER/PLAY to resume normal playback.

Stop playback

1. Press STOP ■ button to go to stop mode, the TV screen will show the start logo. With certain disc types, such as DVD, the player can resume from the point where it was stopped.
2. Press ENTER/PLAY to resume playback from the location where playback is stopped or from the beginning of the disc.
3. Press STOP twice to stop completely.

Previous and Next

During playing, press PREV ◀◀ key can back to start of the previous chapter, then each press this key will go to the start of the previous chapter the start of the disc.

Each press of NEXT ▶▶ key during playing will skip the current chapter and play the next one.

Fast forward and Fast reverse

1. Press F.FWD ▶▶ to fast forward through the disc. Each time the F.FWD ▶▶ button is pressed, the fast forward motion speed changes.
2. Press ENTER/PLAY to resume normal playback.
3. Press F.REV ◀◀ to fast reverse through the disc. Each time the F.REV ◀◀ button is pressed, the fast reverse motion speed changes.
4. Press ENTER/PLAY to resume normal playback.

NOTES:

1. "⊗" may appear on the TV screen during operation. A "⊗" means that the operation is not permitted by the unit or the disc.

IMPORTANT NOTE:

THE FOLLOWING FUNCTIONS ARE APPLICABLE ONLY TO DVD DISCS. IF OTHER DISC FORMATS ARE PLAYED, SCREEN DISPLAY AND OPERATION WILL BE DIFFERENT.

V.MODE

This button can set VIDEO output among "CVBS" or "YUV". You need to select CVBS when using S-video out and select YUV when using component video output.

Note: The screen disappear when press this button, press this button continuously until the screen turn normal. If there are picture interferences or no picture, please press "V.MODE" to correct it.

OSD

Press this button and the screen will display some information about disc, such as : " Title Elapsed ", " Title Remain ", " Chapter Elapsed ", " Chapter Remain " and " Display Off ".

SUBTITLE

Press this button and the screen will display "SUBTITLE 01/XX XXXXX", "01" indicates the ordinal number of this language; "XX" indicates total number of language; "XXXXXX" indicates the language of country. (The number of language depends on disc).

TITLE/PBC

According to some DVD discs, press this button will display "Title Menu", the unit will play from the disc head or you can use digits to select tracks preferred. According to some VCD, following the menu screen on the TV screen, On this playing, the user can use the digits buttons enter, during PBC playback.

ZOOM

Press this button to zoom into the picture. Each time the button is pressed, the magnification level will change.

CLEAR

This button can be used to clear any incorrect information that may have been input.

PAL/NTSC

Press this button will switch among NTSC, PAL.

SEARCH

Press this button one time, the screen will display search menu, the second will cancel. In search menu, you can use UP/DOWN cursor button to select item what you wanted, Then press ENTER/PLAY button to confirm.

REPEAT

Press REPEAT and Chapter repeat will be displayed on screen, the second press will display Title repeat, the third press will display All repeat, the four press will cancel repeating.

A-B REPEAT

Press "A-B RPT" to begin start-point, press again to set an end point and complete setting. The selected section A-B will be repeated. The third press will cancel this function.

MENU

Press this button to display root menu, select item according to your preference. (This key is valid to DVDs possessing multi-layer menu.)

PROGRAM

Press this button and the screen will display info window, press digits button to input the program number what you want, when finished, move the cursor to select the "Start" logo, at this time the unit will start program playback and the screen will display "Program" logo.

If you want to cancel this function, press "STOP" and then press ENTER/PLAY.

Press this button and the screen will swap from "file list view" to the "folder view" when you are playing MP3 or WMA files in disc or USB drive."

ANGLE

For discs with this feature, pressing this key to view action from different angles. (Depending on the DVD)

DVD/USB

Switch to play DVD disc or read USB.

Note: please don't pull out the USB when reading in order to avoid damage.



SPECIAL FUNCTION PLAYBACK

VOLUME and MUTE

Press "+" at the right of VOLUME to increase volume, "-" to decrease to volume. Pressing MUTE once will display MUTE (no voice), the second press will return to normal playback.

AUDIO CHANNEL CHOOSE

Press this button on remote control to change the mode of audio.

For example: Audio 1/2: Dolby D 2 CH English
Audio 2/2: Dolby D 5.1 CH English

Note: You must wait 3 seconds before choosing a another selection

Some discs feature both Dolby Digital and DTS soundtracks. There is no analogue audio output when DTS is selected. To listen to the DTS soundtrack, connect this DVD player to a DTS decoder or AV amplifier receiver with built-in DTS decoder via the "Coaxial output" or "HDMI output". See Page 9 for details.

HDMI FUNCTION

HDMI, High Definition Digital Multimedia Interface supports EDID and DDC2B. This connection operates quickly and conveniently, providing the best in both audio and video playback.

HDMI can transfer uncompressed, high-resolution picture and multi-channel audio digitally up to speeds of 5 GBps. HDMI can support all ATSC HDTV standards not only meet resolution 1080i/1080p, which can supply the highest picture quality, but also support DVD Audio. You only need one HDMI line connected, relieve audio connected. At the same time, the spare space which HDMI standard supplied can apply in the video updating. HDMI can collocate with HDCP (High-bandwidth Digital Content Protection), avoid copyright film being copied without authorization.

JPEG DISC PLAYBACK

When playing JPEG disc, a navigation menu will be displayed automatically if the disc is loaded in succession. In the menu, use UP or DOWN in the cursor to select a file, then press ENTER/PLAY, the file will begin with a slide-show. Press PREV or NEXT to select the previous or the next picture. Press PAUSE/STEP to pause the current picture for enjoying, when press ENTER/PLAY, it will return to normal playing.

USB FUNCTION INTRODUCTION

USB device available on sale now are version 1.1 & 2.0. This DVD player mainly supports 2.0 versions but can be compatible with old version 1.0 & 1.1 also. But some cases non-compatibility may happen due to different format of data.

Due to various compact format and parameter without a standard, it may cause malfunction or may get hanged. WMA format is exclusive to Windows media player; the compressed data can be played in this device.

1. Connect the USB mass storage Device to the Player after the player has read the Disc at least once as the system will detect DVD as default mode.

2. Select the USB mode by pressing DVD/USB key followed by navigation key from remote control.

3. The player will start showing the Menu with USB read contents.

4. The USB menu will have similar Menu as .WMA/.AVI/.JPG/.MP3.

5. Select the desired tracks of Music to be played through remote navigation key

6. Press enter for the selection made; the player will now start playing.

7. To stop playing, press stop button & to see the content files, press menu

8. It is recommended for transfer function, use USB device 2.0 having data storage capacity up to 2GB for smooth operation & it is recommended to use only multimedia files not other compressed data files.

9. To switch over to DVD player mode, Press DVD/USB key in the remote control.

Caution: Some time due to different USB media, set may go to standby or hanging, to restore, power button need to be pressed to bring back the normal operation .

- The DVD units can only support up to a maximum of 131 folders and 10000 files.
- Only support maximum 11 characters for folder name and 9 characters for file name.
- Copy protected files will not be playable in this unit.

CD RIPPING FUNCTION INTRODUCTION

This function allows user to copy the files of CD to a USB mass storage device. When playing an Audio CD, insert a USB drive, then press the CD ripping key (**Subtitle** key in remote), immediately a dialog box will appear in the screen.

CD RIP	
OPTIONS	TRACK
speed Normal	track 01 05:28
bitrate 128kbps	track 02 08:11
create ID3 Yes	track 03 05:40
device USB	track 04 05:43
	track 05 05:55
	track 06 05:05
	track 07 01:46
SUMMARY	
Selected track 0	track 07 01:46
Selected time 00 00	
start	exit select All select none

Procedure of CD ripping:

- 1) Insert Audio CD in the DVD Player.
- 2) Connect USB storage device in the DVD player.
- 3) Press subtitle button in the remote control, immediately CD ripping dialog box will display on the screen.
- 4) In the dialogue box of the screen, left side will be the options & right side will be the CD track nos.
- 5) There are two types of ripping options, one is normal mode & another one is speed ripping mode.
- 6) In the normal mode ripping both songs play & copy action performs simultaneously, in the Speed ripping mode only CD copy action performs fast.
- 7) After ripping mode selection the Bit rate mode selection to be done, the Bit rate speed is provided from 96kbps to 320kbps by using navigation selection key & followed by enter key.
- 8) Next create ID3 should be selected YES.
- 9) The USB device by default as target file destination for converting the CD songs file to MP3 format.
- 10) In the dialogue Box right side TRACK selection will be provided, Press enter key to select & unselect tracks to be copied.
- 11) Start Key: By using navigation key of the remote control, press enter key to start copying the tracks in the above procedure. The copy progress & copy completion will be displayed on the TV screen. After completion of the ripping action the copied songs will be stored in the USB mass device in the form of MP3 format.
- 12) To stop the function, select exit in the dialogue box by using navigator key in the remote control.
- 13) To play the copied MP3 songs from the USB mass storage, press DVD/USB button, select only USB through MEDIA selection, the copied songs will be displayed. Select the songs ,then press enter to perform play action.

Note: Ripping or Copy action only provided for Audio CD & target file as MP3 only in this DVD player.

Caution: When ripping action is in progressed mode & cancel button is pressed, then the incomplete MP3 songs in target folder of USB mass storage may not perform properly either play or fast forward operation. To achieve good performance of copied songs, ripping action should be completed properly. also during ripping, do not open the CD tray.

MPEG4 DISC FUNCTION INTRODUCTION

MPEG-4 is the forth video and audio encoding standard released by MPEG (The abbreviation of " Moving Pictures Experts Group"). VCD is based on MPEG-1 technology and DVD is based on MPEG-2. MPEG-4 takes advantage of narrow bandwidth, pursue the best picture quality by compress and transmit the data in frame reconstruct technology. The audio data is compressed by WMA standard. MPEG-4 is the most advanced compression technology standard in AV field. It has the highest compression rate. By MPEG-4 technology, we can encode and compress a DVD film into one or two CD-R disc with pretty good picture quality, or can burn several films that has same quality as VCD into one CD-R disc, or can burn several films that has similar quality to DVD into DVD-ROM disc.



Note:

1. The MPEG-4 discs in market now have many different formats, such as XVID, AVI, DIVX, RM etc. But some discs with "MPEG4" logo in market are not encoded by MPEG technology. It is normal that some of the discs can't be played well in this player because of the incorrect encoding standard.
2. The MPEG-4 files are displayed as a list in the screen, choose the icon by the cursors and press ENTER/PLAY button to playback the movie.



SPECIAL FUNCTION PLAYBACK

Kodak Picture CD Playback

Playback (Normal)

When a Kodak Picture CD is inserted on the unit, an automatic slide show is launched. Each picture in the Kodak Picture CD will be displayed consecutively in a slide-show fashion and will be scaled to fit in the whole TV screen. Some slide-show transition modes are provided, use "PROG" key to select. Customer can set transition effects for each picture.

To display an image indefinitely, press the "PAUSE" key. To view the next or previous picture, press "NEXT" or "PREV" key. To resume the slide-show, press the "ENTER/PLAY" key.

Image Rotation

There are four modes to rotate a picture: "Invert", "Mirror", "Left", and "Right". These operations are allowed only when a picture is being displayed normally and will be cancelled automatically when a new picture is displayed. The arrow key is used to select the different rotation modes:

Up ^	- Invert/Normal	Left <	- Turn left
Down v	- Mirror/Normal	Right >	- Turn right

Zoom

The "ZOOM" key is used to turn on or off this function. When this mode is on, any picture will be displayed at the last ratio selected by the user. A message on the screen will indicate the current zoom ratio.

If zoom mode is on, "F.FWD" and "F.REV" key are used to control the ratio of zoom in/out. With ZOOM mode off, a picture is scaled to fit the whole TV screen.

Notes: During zoom function, slide-show transition and image rotation are disabled. To cancel the zoom function press the "ZOOM" key again to resume the slide-show.

Digest

The "STOP" key is used to display thumbnail size pictures. After it is enabled, some scaled-down thumbnail pictures will be displayed on the screen. The "NEXT" and "PREV" keys can be used to display the next/prev pictures in the Kodak Picture CD.

You can select any of the displayed thumbnails by using the Arrow Keys and pressing the "ENTER/PLAY" key.

The thumbnail will be enlarged to fit the TV screen and the slide show will start. To view the next or previous picture press "NEXT" or "PREV" key. To resume the slide show press the "ENTER/PLAY" key.

IMPORTANT NOTE: Quality of pictures displayed on the screen is highly dependent on the viewing device.

- When you press **SETUP** key on the remote control, the setup menu will be displayed.

- Within the setup menu, you can use UP, DOWN, LEFT and RIGHT buttons on the remote control to move the cursor, and then press the PLAY/ENTER button to make your selection. Press LEFT can return the previous menu.
- To exit setup menu, you can press SETUP menu.

1. GENERAL SETUP PAGE

Setup TV screen format, video type and all DVD functions.

General	Audio	Dolby D	Video	Preferen
** General Setup Page **				
TV Display	PS			
Angle Mark	On			
Osd Lang	Eng			
Captions	Off			
Screen Saver	On			
Last Memory	Off			
Go To General Setup Page				

1.1 TV DISPLAY

The TV Display which select the different ratio of display format and the screen of TV, There are various types of display on screen for different matches between Disc and TV .

Note:

- No matter which display format is selected, a picture recorded in standard 4:3 format always displays in the 4:3 aspect ratio.
- The display format of DVD titles may vary; please refer to the information that accompanies your specific DVD title.
- If the DVD title is recorded in 16:9 wide display format while the TV is a standard 4:3 screen, horizontal compression of the image will result.
- Some DVD titles may be recorded in special formats. In such cases, the DVD titles will always appear on the screen in their original format, regardless of which TV display format you select.

1.2 ANGLE MARK

ANGLE MARK: Users can select a particular camera angle when playing a DVD that offers multiple angles.

1.3 OSD LANGUAGE

On Screen Display (OSD) Language: Users can select the whole setup menu and on-screen display language.

1.4 CAPTIONS

CAPTIONS: For hearing-impaired people. The program can be displayed with recorded explanatory captions.

Note: This is valid for a disc that has captions.

1.5 SCREEN SAVER

SCREEN SAVER: If the screen saver is on, then there will be an animated picture on the screen whenever the DVD player is idle for a certain time.

1.6 LAST MEMORY

LAST MEMORY: This function is convenient when you want to continue viewing a disc from the point where you were watching before. Unlike the resume function, the Last Memory function is effective even the DVD is removed from the player.

- When Last Memory is ON. Each time when you open the tray to remove the disc or stop playing to standby, the player memory the point where you stop and continuously play again from the point.
- It will play from where it stops when power off after re-start the unit.

2. AUDIO SETUP PAGE

General	Audio	Dolby D	Video	Preferen
** Audio Setup Page **				
Speaker Setup				
Spdif Setup				
Equalizer				
Go To Audio Setup Page				

2.1 SPEAKER SETUP PAGE

2.1.1 DOWNMIX SETUP

DOWNMIX MODE: sets front speakers to Lt/Rt STEREO, V SURR or 5.1CH.

- The first 3 settings (Lt/Rt, STEREO, V SURR) downmix the sound Signal for 2-Speakers. This setting allows you to enjoy a surround sound effect with only two speakers. For this reason a setup for additional speakers (described in the following sections) is disabled when DOWNMIX MODE is set to these settings.
- You have to set the DOWNMIX MODE to 5.1CH if you have selected the Dolby Digital connection and you would like to enjoy true Dolby Digital surround sound. In this setting, the CENTER, REAR speakers is active.

General	Audio	Dolby D	Video	Preferen
** Speaker Setup Page **				
Downmix		Lt/Rt	Lt/Rt	
Front Speaker		LRG	Stereo	
Center Speaker		LRG	V SURR	
Rear Speaker		LRG	5.1 CH	
Subwoofer		On		
Test Tone		Off		
Dialog		00		
Post DRC		Auto		
Set Downmix Mode				

2.1.2 FRONT SPEAKER

FRONT SPEAKER: Sets front speakers volume Large, Small.

2.1.3 CENTER SPEAKER

CENTER SPEAKER: Sets center speakers volume Large, Small or Off.

2.1.4 REAR SPEAKER

REAR SPEAKER: Sets rear speakers volume Large, Small or Off.

2.1.5 SUBWOOFER SPEAKER

SUBWOOFER SPEAKER: Sets subwoofer speakers On or Off.

2.1.6 TEST TONE

TEST TONE: This can test each speaker one by one.

2.1.7 DIALOG SETUP

DIALOG SETUP: the setup can enhance the voice of the speaker.

2.1.8 POST DRC

POST DRC (Dynamic Range Compression); the setup can select the quiets loud explosions and increases dialogue.

2.2 SPDIF SETUP PAGE

2.2.1 SPDIF OUTPUT

SPDIF OUTPUT MODE: Sets the audio outputs.

General	Audio	Dolby D	Video	Preferen
.. Spdif Setup Page ..				
Spdif Output		Spdif Off		
Lpcm Out		48k	Spdif/Raw	
			Spdif/Pcm	
Setup Spdif				

This DVD player includes three kinds of audio output:

1. **SPDIF OFF:** An analog surround sound format is output through the back-panel connections for L, R, LS, RS, and Center speakers, and the Subwoofer simulation.
2. **SPDIF/RAW or SPDIF/PCM:** This surround sound format is output to a Dolby Digital / DTS decoder through the coaxial connector on the back panel of the product.

Note:

Some discs feature both Dolby Digital and DTS soundtracks. There is no analogue audio output when DTS is selected. To listen to the DTS soundtrack, connect this DVD player to a DTS decoder or AV amplifier receiver with built-in DTS decoder via the "Coaxial output" or "HDMI output". See Page 9 for details.

2.2.2 LPCM OUTPUT

LPCM (Linear Pulse Code Modulation) OUTPUT:

Includes LPCM 48K , LPCM 96K for audio format.

2.3 EQUALIZER SETUP PAGE

2.3.1 EQ TYPE

EQ TYPE: Set the audio output to simulate the various kinds of music effect.

General	Audio	Dolby D	Video	Preferen
.. Equalizer Page ..				
EQ Type		None	None	
Bass Boost		Off	Rock	
Super Bass		Off	Pop	
Treble Boost		Off	Live	
			Dance	
			Techno	
			Classic	
			Soft	
Select Equalizer Type				

2.3.2 BASS BOOST

BASS BOOST: Enhance the bass degree.

2.3.3 SUPER BASS

SUPER BASS: Enhance the super bass degree.

2.3.4 TREBLE BOOST

TREBLE BOOST: Enhance the Treble boost degree.

3. DOLBY DIGITAL SETUP PAGE

General	Audio	Dolby D	Video	Preferen
.. Dolby Digital Setup ..				
Dual Mono DRC				
Go To Dolby Digital Setup				

3.1 DUAL MONO

DUAL MONO: If your amplifier / decoder has Dolby Digital output, you may select stereo, left mono, right mono, or mixed mono mode for your amplifier decoder.

3.2 DRC

DRC: This function is generally used when playing high volume programs at night, in order to minimize disturbances. This setting 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 soundtrack.

4. VIDEO SETUP PAGE

General	Audio	Dolby D	Video	Preferen
.. Video Setup Page ..				
Video Output CVBS Resolution Quality HDMI Setup				
Go To Video Setup Page				

4.1 VIDEO OUTPUT

VIDEO OUT : Set the video output.

4.2 RESOLUTION SETUP PAGE

RESOLUTION: You can select the resolution output of the player to match your TV.

4.3 VIDEO QUALITY SETUP PAGE**4.3.1 SHARPNESS**

SHARPNESS: Set the sharpness level of video output.

General	Audio	Dolby D	Video	Preferen
.. Video Quality Setup ..				
Sharpness MID High				
Brightness 00 Medium				
Contrast 00 Low				
Gamma None				
Hue 00				
Saturation 00				
Luma Delay 1 T				
Sharpness				

4.3.2 BRIGHTNESS

BRIGHTNESS: Set the brightness level of video output.

Press right button the TV will display a value. Press LEFT/RIGHT button to adjust, then press PLAY/ENTER button to confirm and return upon menu.

4.3.3 CONTRAST

CONTRAST: Set the contrast level of Video output. Press right button the TV will display a value. Press LEFT/RIGHT button to adjust, then press PLAY/ENTER button to confirm and return upon menu.

4.3.4 GAMMA

GAMMA: Set the gamma value of the Video.

4.3.5 HUE

HUE: Set the hue value of the Video. Press right button the TV will display a value. Press LEFT/RIGHT button to adjust, then press PLAY/ENTER button to confirm and return upon menu.

4.3.6 SATURATION

SATURATION: set the saturation of the video. Press right button the TV will display a value. Press LEFT/RIGHT button to adjust, then press PLAY/ENTER button to confirm and return upon menu.

4.3.7 LUMA DELAY

LUMA (Luminance) DELAY: Set the luminance delay of video output depend on the TV's brightness, color. It sets 1T commonly for DVD.

4.4 HDMI SETUP PAGE

4.4.1 HDMI

HDMI: You can turn HDMI On or Off.

General	Audio	Dolby D	Video	Preferen
HDMI Setup				
HDMI Setup		On	On	
Audio Source		Auto	Off	
HDMI Setup				

4.4.2 AUDIO SOURCE

AUDIO SOURCE: Audio source can be selected Auto or PCM.

5. PREFERENCE SETUP PAGE

The preference setting is only active with no disc, and the setting is effective on each time power on till exchanging the saved setting.

General	Audio	Dolby D	Video	Preferen
-- Preference Page --				
Tv Type		PAL		
Pbc		On		
Audio		Eng		
Subtitle		Eng		
Disc Menu		Eng		
Parental				
Password				
Default				
Go To Preference Page				

5.1 TV TYPE

TV TYPE: This player supports different TV output, including NTSC and PAL systems.

- If your TV support only NTSC or PAL and you have inadvertently selected the wrong TV type, the TV image will flicker and become black-and-white. In this case, you should press the SETUP button to set as following **Note**.

5.2 PBC

PBC MODE: Sets the PBC (Playback Control) to be on or off .

5.3 AUDIO

AUDIO: Set the preferred audio language as the default when playing DVD. (If the DVD supports the languages)

5.4 SUBTITLE

SUBTITLE: Set the preferred subtitle language as the default when playing DVD. (If the DVD supports the languages)

5.5 DISC MENU

DISC MENU: Set the preferred menu language as the default when playing DVD. (If the DVD support the languages)

5.6 PARENTAL

PARENTAL: The parental control function works in conjunction with the different censorship classes assigned to DVDs. These classes help to control the types of DVDs that the family watches, There are up to 8 censorship classes for DVDs.

Note: If you change this set, you must input password. (Initial password : 136900)

5.7 PASSWORD MODE

PASSWORD CHANGE: You can change the password, please type 6 numerals as new password.

Note: (Initial password : 136900)
Be sure remember new password. When set parental control function you must input new password .

5.8 DEFAULT

DEFAULT: Reset to all the manufacturer's original settings for this DVD player Press PLAY/ENTER to perform the reset.



TROUBLE SHOOTING

Please check the following guide for the possible cause and solution for a problem before contacting the nearest service center or dealer for repairs.

SYMPTOMS AND CORRECTIONS

SYMPTOMS	CORRECTIONS
No power	Check to make sure that the power connection is secure.
No picture	Make sure the connection between the player and the TV is secure.
	Make sure that the TV is in good working condition.
	Please press "V.MODE" button continuously until the picture returns to normal.
No sound	Make sure the connection between the player and other devices are secure.
	Make sure that the TV and AMP are in good working condition and setup properly.
Failed to Play	Check that the disc is properly inserted.
	Clean the disc.
Failed to respond to remote control	Remove obstacles between remote control and unit.
	Aim remote control at the sensor on the front panel.
	Check batteries and replace them if necessary.
Picture Disturbance	Check the disc for dirt and scratches. Clean or replace disc.
	Shut down the unit, wait ten seconds, and restart the unit.
Failed to work with keys	Power surges or other electrical phenomena. Shut down the unit, wait ten seconds, and restart the unit.



SPECIFICATIONS

System and Outputs

V/F Signal system	NTSC/PAL
Frequency response	CD: 20Hz-20KHz(EIAJ) DVD: 20Hz-44KHz(96KHz)(Sample result) 20Hz-22KHz(48KHz)(Sample result)
Audio S/N ratio	> 90 dB
Video/Picture	MPEG1 V2.0; MPEG2
Audio	MPEG LAYER2 standard
Audio output (analog audio)	Electric level output: $1.8 \pm 0.2V$ Impedance: 10Kohm
Audio output (digital audio)	Electric level output: 0.5Vp--p Impedance: 75ohm
Video output	Electric level output: $(1.0 \pm 0.2)Vp--p$ Impedance: 75ohm Unbalanced negative
S-Video output	Electric level output: Brightness(Y)1.0Vp--p, Impedance: 75ohm Chrominance (C): 0.286Vp--p, Impedance: 75ohm
Component video (Y, CB, CR)	Electric level output: 0.7Vp--p, Impedance: 75ohm

General

Power	110V - 240V ~ 50/60Hz
Power consumption	12W
Product Dimensions	L: 360mm W:215mm H: 41mm
Weight	1.4kg
Operating temperature	5°C to 35°C (41 F° to 95°F)
Operating humidity	5% to 90%

Note: We reserve the right to modify the design without advice!

Video Output Capabilities

Video Output	Resolutions Supported (NTSC Models)	Resolutions Supported (PAL Models)
HDMI	1080p 1080i 720p 480p 480i	1080p 1080i 720p 576p 576i
Component video (Y, CB, CR)	1080i 720p 480p NTSC SD(480i)	1080i 720p 576p PAL SD(576i)
Composite video	NTSC SD(480i)	PAL SD(576i)
S-video	NTSC SD(480i)	PAL SD(576i)

Audio Output Capabilities

Audio Output	Supported Audio Technology
HDMI	Dolby Digital PCM DTS
Coaxial	Dolby Digital PCM DTS
5.1 audio output	Any selected digital track will be decoded, mixed with effects and converted to analogue.

Note: Some discs feature both Dolby Digital and DTS soundtracks. There is no analogue audio output when DTS is selected. To listen to the DTS soundtrack, connect this DVD player to a DTS decoder or AV amplifier receiver with built-in DTS decoder via the "Coaxial output" or "HDMI output". See Page 9 for details.

Product Warranty



Subject to the warranty repair conditions below, in addition to any applicable statutory warranties this product is warranted for 12 months from the original date of purchase covering both parts and labour.

The benefits conferred by this warranty are in addition to and not in derogation of all rights and remedies in respect of this product which the consumer has under the Trade Practices Act and other State and Territory laws.

Warranty Repair Conditions

- A.** This Product Warranty only applies provided the product:-
- Has been purchased in Australia and sold by Authorised Distributors or Dealers and only where the products are used and serviced within Australia
 - Is taken for service when required to an Authorised Service Agent, together with written instructions indicating specific problem or function requiring investigation.
 - Has valid proof of purchase and presented when warranty service is requested.
 - Has only been used in a domestic application.
 - Has been installed and operated in accordance as noted in the operating instructions under normal use and reasonable care (in the opinion of the Service Centre).
 - Has not been damaged by the use of accessories which in the opinion of the Service Centre are defective or incompatible with the product.
 - Has not been tampered with or repaired (including unauthorised alterations) by anyone other than the AWA Service Centre or an Authorised Service Centre.
- B.** This Product Warranty does not cover:-
- Damage, malfunction or failure resulting from use of incorrect voltages, incorrect installation, accidental damage, misuse, neglect, build-up of dirt or dust abuse, wear and tear, maladjustment of customer controls, mains supply problems, thunderstorm activity or Acts of God, pixel error, infestation by insects or vermin, exposure to abnormally corrosive conditions or any foreign object or matter having entered the product.
 - Mileage or travelling time in respect of service outside the authorised AWA Service Centre nor pick up and delivery cost incurred.
 - Service calls arising from failure to correctly operate the product or to observe noted instructions, or repair which reveals the product is in normal working order.
 - Cabinet parts, user replacement batteries or leads unless the defective items are reported at the time of purchase.
- C.** Service calls only apply to Television display devices (CRT, LCD, Plasma) with screen sizes greater than 68cm in the major metropolitan areas of Australia or the normal operating areas of the nearest Authorised Service Centers.
- D.** Requested service visits to the customer premises will be made during normal working hours of the customary working week upon request by the customer. Where such a visit is made on a day arranged by the customer and the service technician is unable to obtain access to the product, the Service Centre will be entitled to make a separate charge for service call fee, time and distance travelled.
- E.** The AWA Service Centre and its Authorised Service Centres may charge for work done where the product is found to be in good working order. Example, charges may be made where the problem is found to be due to incorrect setting of customer controls, use of poor associated equipment (e.g. poor antenna systems) or the inability of the product to operate with faulty or incompatible equipment.
- F.** If the product is sent to an Authorised Service Centre, the owner is responsible for the cost of transport to and from the Service Centre. In addition, the product is at the owners risk while in transit to and from the authorised Service Centre.
- G.** No person is authorised to make or give any assertions, statements or undertakings, whether expressed or implied about the product other than or additional to the terms of this warranty.

Please read instruction manual carefully
Should you encounter any problems?

Please contact Telefix for Warranty Support
1300 366 144

Email: warrantyhelp@awa.com.au

The original proof of purchase must be kept and produced for service requirements under this Product Warranty.

AWA