user guide

Meridian 586 DVD Player

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Introduction

A single DVD video disc can contain a whole motion picture, complete with multi-channel sound and many other features such as subtitles and related information. The picture quality is close to that of the film's original format, and it does not suffer from the degradations of quality experienced with analogue storage. The DVD format also supports a range of audio formats, including recordings with multi-channel sound or at higher resolutions or sampling rates than can be provided on conventional CD.

The Meridian 586 DVD Player allows you to take advantage of the whole range of video and audio releases available in this versatile new format. It uses the proven Meridian drawer-loading system to combine the convenience of tray loading with the extremely important performance benefits of top loading. In addition, the high-quality circuitry and de-jittering technology result in the highest audio and video quality achievable with DVD.

This user guide explains how to operate the DVD player, to enable you to get the best results from your video and music discs.

The Meridian 500 Series

The Meridian 500 Series is a unique system of digital, analogue, and video components designed to meet the demand for absolute quality, ease of use, and lasting value.

The flexibility of the Meridian 500 Series is such that you can assemble a system as simple or as complex as you need, which is perfectly suited to your musical and environmental requirements and is able to be added to or changed at a later date should your requirements alter.

Each Meridian 500 Series component is housed in a matching slim line case. Front panel controls provide access to the most important functions, and the full range of functions is available from the appropriate remote control using a simple and intuitive control interface.

500 Series communications

The Meridian 500 Series includes a sophisticated communications link to ensure that any configuration of units will work together as a fully integrated system.

The 500 Series communications system allows you to control any combination of units using a single remote, and ensures that your commands from the remote are interpreted correctly. The communications system also allows you to extend your hi-fi system into two or three rooms, with the ability to control the sources in one room from the controller in another room.

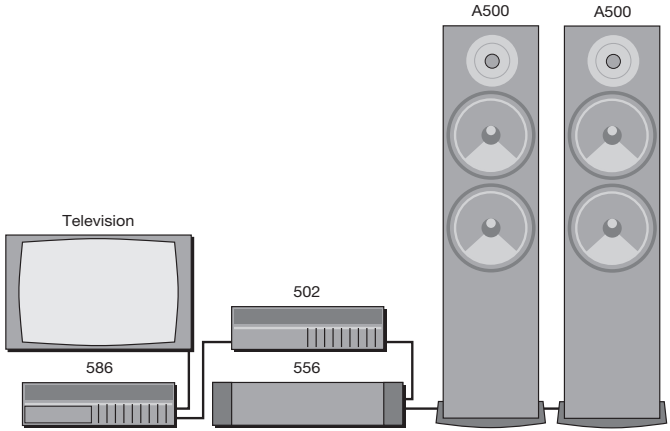
Professional features

The 500 Series also includes features for professional users, including RS232 computer control and balanced connections.

The following pages give examples of four suggested configurations to illustrate the flexibility of the Meridian 500 Series.

Sample configurations

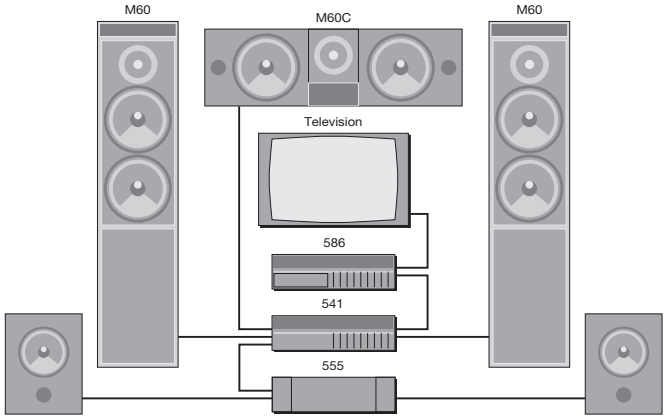
Stereo music/video system



The 586 DVD Player provides a two-channel analogue audio output, normally encoded in Dolby Surround, to allow direct connection to an analogue pre-amplifier such as the 502 Analogue Controller.

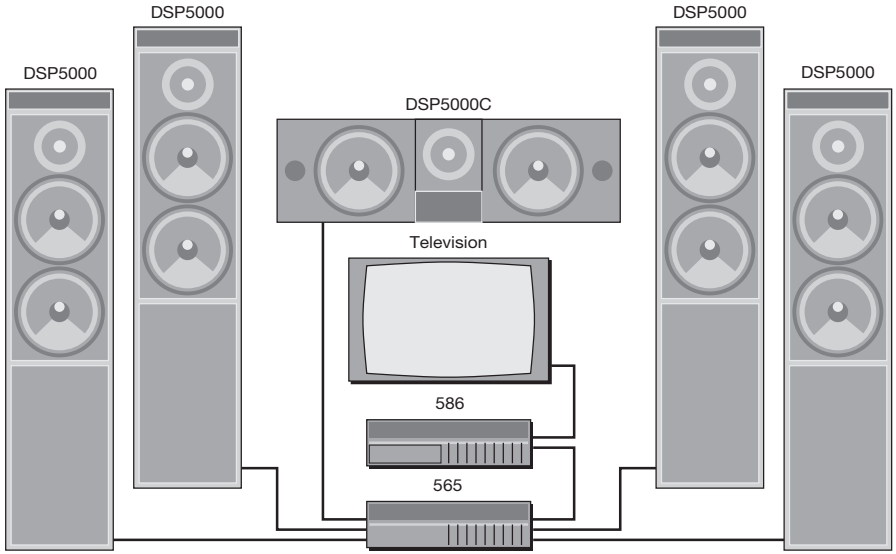
In addition to playing DVD discs, the 586 includes a second lens to enable it to play audio CDs (although not recordable CDs). By careful design Meridian have achieved a sound quality with audio CDs which approaches that of their dedicated CD players.

Meridian Analogue Theatre



The 586 DVD Player is also ideal for use with the Meridian 541 Surround Controller to decode movie soundtracks to the loudspeakers in a multi-channel surround system.

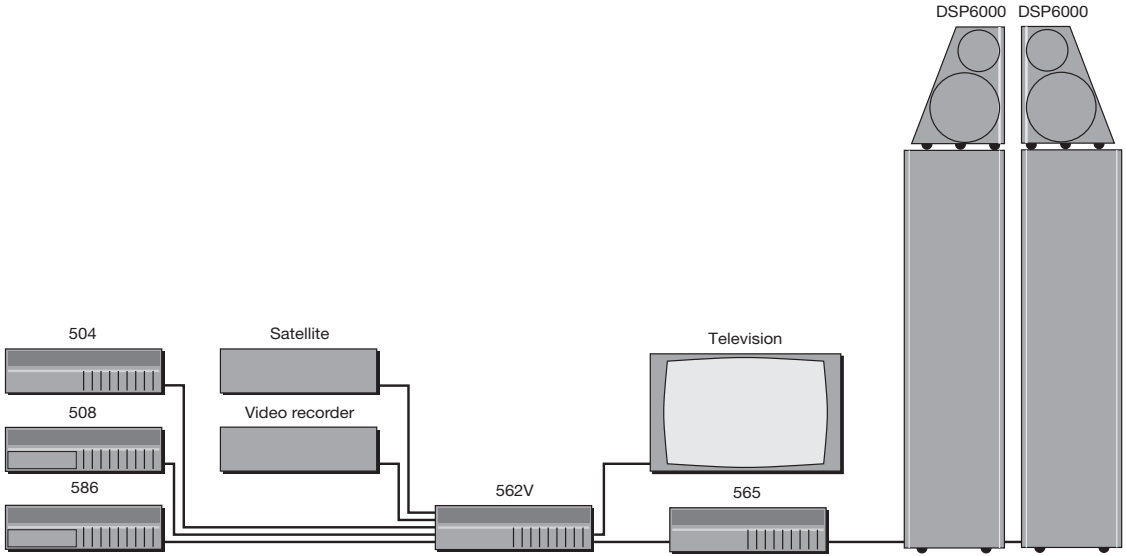
Meridian Digital Theatre™



The Meridian 586 DVD Player provides a digital audio output, making it ideal for use with the 565 Digital Surround Processor as the heart of a Meridian Digital Theatre system.

The Meridian 565 Digital Surround Processor can decode Dolby Digital (AC-3), MPEG Surround, DTS Audio, and Dolby Surround soundtracks.

Multimedia system



The Meridian 562V Multimedia Controller is the ideal control unit for use as the heart of a versatile multimedia system, giving flexible control of video, digital audio, and analogue audio sources. It provides direct digital inputs for digital sources, such as the 508 Compact Disc Transport and DVD sound from the 586 DVD Player.

In addition it provides Precision Delta Sigma analogue to digital conversion, for conventional analogue sources such as the 504 Stereo FM Tuner and video or television sound.

It also includes video switching for CVBS and S-Video signals such as from the 586 DVD Player, a satellite receiver, or video recorder.

Specification and accessories

Specification

THD	Less than -93dBFS.
Noise	Less than -93dBFS.
Mechanism	Dual-lens pickup with red laser.
Formats	DVD, CD.
Conversion	20-bit Delta Sigma.
Display	12-character dot-matrix display for title, chapter, track, or time.
Finish	Black textured enamel and glass.
Dimensions	88mm x 321mm x 332mm (3.46" x 12.64" x 13.07").
Weight	6.4kg (14lbs).
Audio outputs	2-channel Dolby Surround, with on-board decoding from Dolby Digital (AC-3). Low-jitter digital output for connection to an external decoder (44.1kHz, 48kHz). AC-3 and PCM supported.
Video outputs	Composite video. S-Video. Component (Y, Pr, Pb).
Communications	Two 5 pin 240° DIN sockets.
Consumption	20VA.

Available accessories

The following accessories are available from your dealer:

❍ Power cord Europe.
❍ Power cord Canada and USA.

The Meridian System Remote provides access to the basic facilities of the 586 DVD Player, including those available from the front panel controls. In addition, it allows you to control any other 500 Series units in your system.

If you have problems purchasing these items, you can order them direct from Meridian Audio Limited, who can also supply a range of cables suitable for connecting the 586 DVD Player to other equipment.

Using the DVD player

This chapter provides a summary of the functions of the DVD player in order to identify the controls which you will use to operate the unit.

It also describes the basic aspects of using the DVD player to play DVD video discs and audio CDs.

Unless otherwise specified, each function is available from the front panel or the DVD remote. In addition, if you have the Meridian System Remote you can use this to operate all the basic functions of the DVD player.

DVD remote

1 OPEN/CLOSE
Opens or closes the drawer.

2 SUBTITLE ON/OFF
Turns subtitles on or off.

3 SETUP
Displays the Setup Menu.

4 TITLE
Displays the Title Menu.

5 RETURN
Exits from a menu.

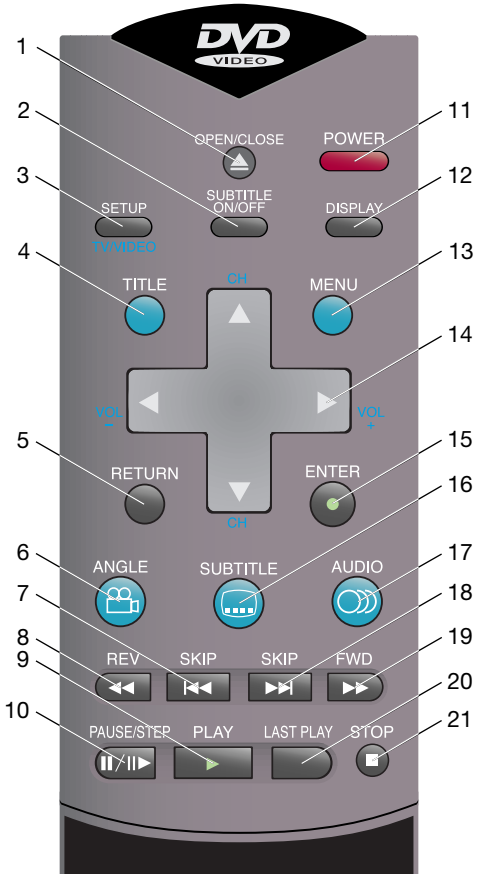
6 ANGLE
Changes the viewing angle.

7 SKIP ⏮
Skips to the previous chapter/track.

8 REV ◀◀
Selects fast reverse play.

9 PLAY ▶
Plays and unpauses a disc.

10 PAUSE/STEP
Pauses a disc and steps a frame at a time.



11 POWER
Switches to standby.

12 DISPLAY
Displays on-screen information.

13 MENU
Displays the disc menu.

14 ◀ ▶ ▲ ▼
Let you highlight options on menus.

15 ENTER
Selects a highlighted menu option.

16 SUBTITLE
Changes the subtitle language.

17 AUDIO
Changes the soundtrack.

18 SKIP ⏭
Skips to the next chapter/track.

19 FWD ▶▶
Selects fast forward play.

20 LAST PLAY
Continues playing from stop.

21 STOP ■
Stops a disc playing.

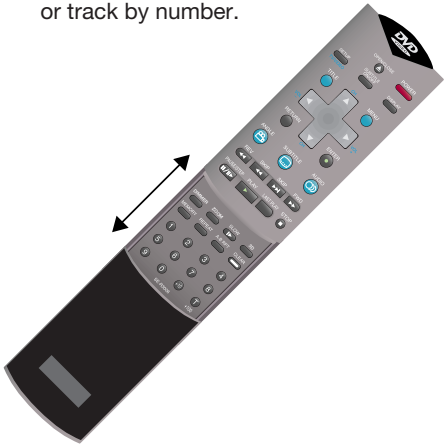
22 ZOOM
Enlarges a portion of the picture.

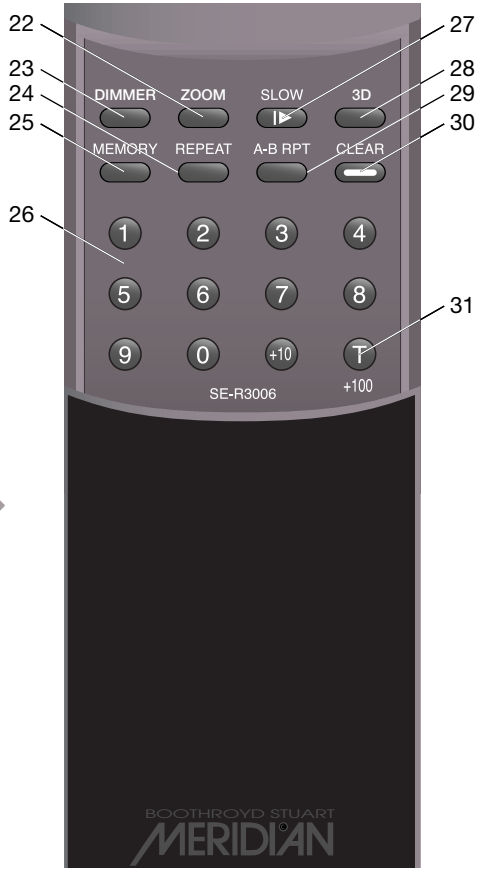
23 DIMMER
No action.

24 REPEAT
Selects a repeat play mode.

25 MEMORY
Allows you to programme a selection.

26 Number keys
Allows you to select a title, chapter, or track by number.





27 SLOW
Selects slow-motion play.

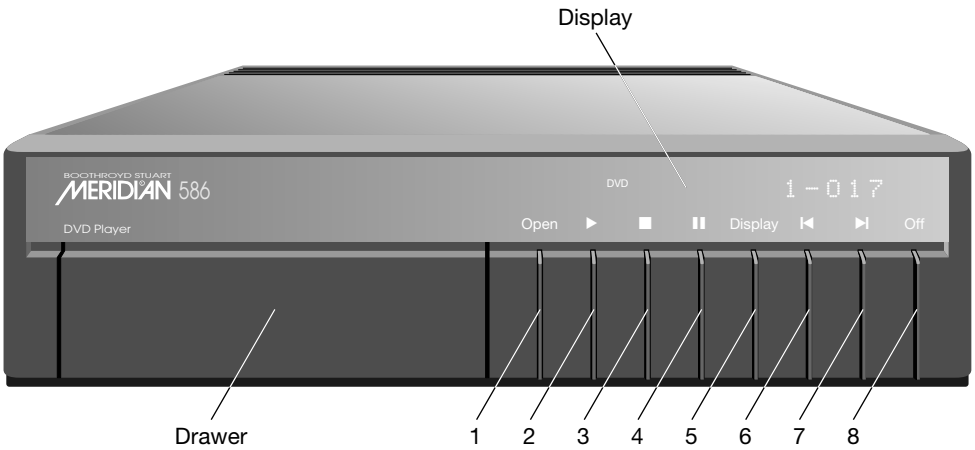
28 3D
No action.

29 A-B RPT
Repeats a selection.

30 CLEAR
Clears a special play mode.

31 T
Enters a title number.

Front panel



1 Open
Opens and closes the disc drawer.

2 ▶ (Play)
Plays a selected chapter/track.

3 ■ (Stop)
Stops the disc.

4 ❚❚ (Pause)
Pauses the disc.

5 Display
Selects the information displayed.

6 ⏮ (Previous)
Selects the previous chapter/track.

7 ⏭ (Next)
Selects the next chapter/track.

8 Off
Switches to standby.

Playing a disc

During normal use the DVD player should be left in the standby state. This uses a negligible amount of electricity, but ensures that the components of the DVD player operate at maximum efficiency from the moment you start playing a disc.

If you are not going to use the DVD player for a period of several days you should switch the unit completely off, at the back panel, and disconnect it from the AC power supply.

To switch on from standby

- Press **Open** (**OPEN/CLOSE**) or ■ (**STOP**).
- Switch on any other equipment connected to the CD player which is not part of the Meridian 500 Series.

The display will flash for a few seconds. The DVD player is then ready for use.

To insert a disc

- Press **Open** (front panel) or **OPEN/CLOSE** (remote) to open the drawer.

IMPORTANT: Never touch the lenses which are accessible when the drawer is open.

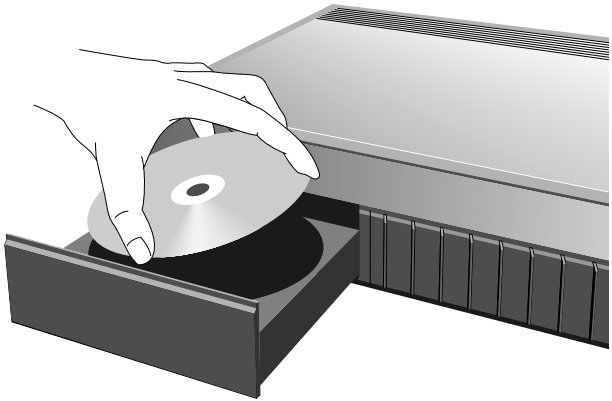
- Place your disc, label side up, over the hub, as shown below.

IMPORTANT: Ensure that the disc is correctly seated on the disc spindle before closing the drawer.

- Press **Open** (**OPEN/CLOSE**) again or ▶ (**PLAY**) to close the drawer.

Most DVD videos start playing automatically when you close the drawer.

Some DVD videos are double-sided, and need to be turned over during play.



To play the disc

● Press ▶ (front panel) or **PLAY** (remote).

The display will show the title and chapter, or track number:

For example, on chapter 17 of title 1:

To restart the current chapter or track

● Press ⏮ (front panel) or **SKIP** ⏮ (remote).

To move to the next chapter or track

● Press ⏭ (front panel) or **SKIP** ⏭ (remote).

To switch to standby

● Press **Off** (front panel) or **POWER** (remote).

The display will show:

If you have other Meridian 500 Series equipment connected to the DVD player, these units will also switch to standby.

If a disc is currently playing, switching to standby will stop the disc, and the disc can safely be left in the unit.

Note that if the 586 DVD Player is part of a Meridian system, and you select another source (such as the radio), the DVD player switches to a low-power mode.

The display shows:

Locating a specific title, chapter, or track

Normally, DVD video discs are divided into one or more titles, and the titles are subdivided into chapters. Audio CDs are divided into tracks.

The DVD player allows you to play an entire disc, or start playing from any chapter or track number. While a disc is playing you can go back to the start of the chapter or track or skip to the start of the next chapter or track.

You can also enter a specific title, chapter, or track number to locate the appropriate title or chapter/track directly.

To play starting from a particular chapter or track

- Press ▶I or I◀ (front panel) or **SKIP** ▶▶I or I◀◀ (remote) to step through the track numbers until the display shows the track you want to play:

For example, to play chapter 23:

After a short delay the chapter or track you have selected will start to play.

To locate a title or chapter/track by number

- Press **T** (remote) or • (Meridian System Remote) to highlight the title or track number, and enter the number you want:

- If you also want to specify a chapter number press ▼ (remote) or • (Meridian System Remote) to highlight the chapter number, and enter the number of the chapter you want:

- Press ▶ (**PLAY**).

The DVD player starts playing from the title and chapter numbers, or track number, you specified.

To locate a specific location within a title

- Press **T** (remote) twice until the TIME display appears:

- Enter the time using the number buttons:

- Press ▶ (**PLAY**).

The DVD player starts playing from the location you specified.

Stopping, pausing, and resuming play

You can stop or pause a disc, and then resume play at the same position.

To stop play

● Press ■ (**STOP**).

The display will return to chapter or track 1:

To resume after stopping

● Press **LAST PLAY** (remote only).

Provided you have not opened the disc tray the disc will resume playing slightly before the position where you stopped playback.

To pause play

● Press ❚❚ (front panel) or **PAUSE/STEP** (remote).

The display shows the title and chapter, or track:

To step forward frame by frame

If you are playing a DVD video disc you can step forward, frame by frame, while it is paused:

● Press ❚❚ (front panel) or **PAUSE/STEP** (remote).

To continue after pausing

● Press ▶ (**PLAY**).

Disc information

You can display information about a disc on the front panel or on-screen display.

To change the front panel display

● Press **Display** (front panel or Meridian System Remote).

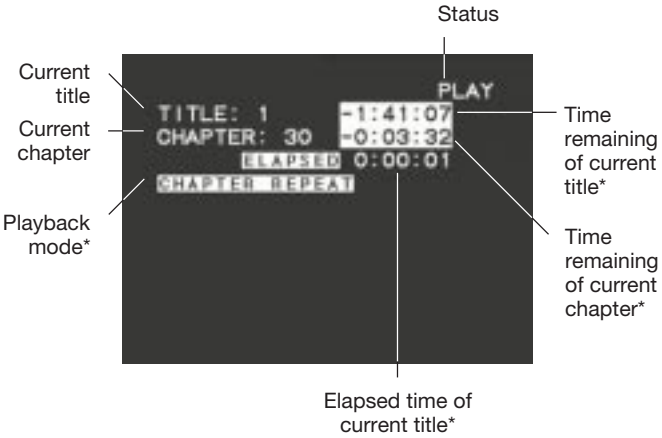
Each time you press **Display**, the display will step between the following options:

Display	*Example*
Title and chapter numbers (DVD video disc) or track number (audio CD).	1-037
Chapter or track number and elapsed time.	001 0:01:37
Blank.	

To display disc information on screen

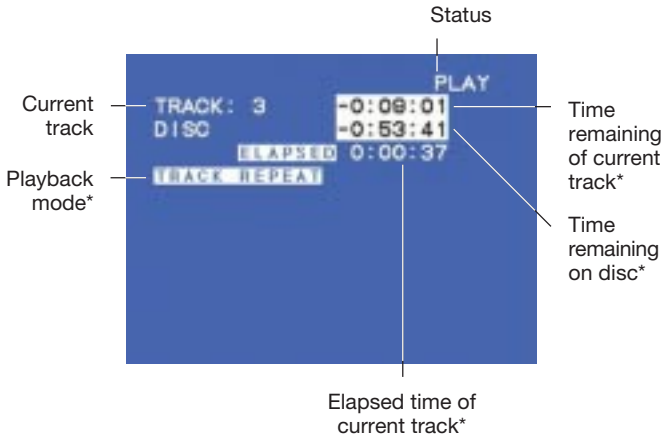
● Press **DISPLAY** (remote).

For a DVD video disc this shows the following information:



*Shown only when a disc is playing.

For an audio CD this shows the following information:



* Shown only when a disc is playing.

To display information about DVD video disc features

● Press **DISPLAY** (remote) twice while a DVD disc is playing.

In addition to the status and timing information this shows the following information about DVD features:

To turn off the on-screen display

● Press **DISPLAY** (remote) again.

Advanced features

This chapter describes the more advanced features of the 586 DVD Player. These features are not essential if you simply want to enjoy DVD video discs or audio CDs, but they allow you to take full advantage of the range of options available with the DVD format.

Note that many of the advanced features depend on the content of the particular DVD disc you are playing.

The advanced features described in this chapter are only available using the DVD remote.

Selecting options from a menu

Many DVD video discs provide additional sections of video or special options, which you can select from an on-screen menu.

Some DVD video discs which contain several titles also provide a Title Menu, from which you can select one of the titles.

To select an option from the disc menu

- Press **MENU** to display the disc menu on the screen.

A typical disc menu looks like this:

- Press ▲, ▼, ◀, or ▶ to highlight an option, and press **ENTER** to select it.

To select a title using the Title Menu

- Press **TITLE** to display the Title Menu on the screen.
- Press ▲, ▼, ◀, or ▶ to highlight a title, and press **ENTER** to select it.

The DVD player starts playback from chapter 1 of the title you selected.

Fast and slow-motion play

You can play back DVD video discs faster than normal, at between twice and 30 times normal speed, or in slow motion, at between half and one-sixteenth of normal speed.

You can also play back audio CDs faster than normal.

Note that the sound is muted when playing back DVD video discs faster or slower than normal.

To play DVD video discs faster than normal

- Press **FWD** or **REV** during playback.

Each time you press the key the speed switches between twice, eight times, and 30 times normal speed, as shown by the on-screen display:

To play DVD video discs in slow motion

● Press **SLOW** during playback.

The speed switches between $\frac{1}{2}$, $\frac{1}{8}$, and $\frac{1}{16}$ normal speed, as shown by the on-screen display:

To play audio CDs faster than normal

● Press **FWD** or **REV** during playback.

Each time you press the key the speed alternates between two speeds, FF1 and FF2 (or FR1 and FR2):

To resume normal speed

● Press ▶ (**PLAY**).

Playing repeatedly

You can play back a specified title, chapter, track, or section of a disc repeatedly.

To repeat a title, chapter, or track

- Select the title, chapter, or track you want to repeat.
- Press **REPEAT** to switch between the alternative repeat modes.

The current repeat mode is displayed on the on-screen display:

It can be one of the following options:

Option	*Description*
Chapter/track repeat	Repeats the same chapter (DVD video disc) or track (audio CD).
Title/all repeat	Repeats the same DVD video disc title or the entire audio CD.
Repeat off	Resumes normal playback.

To repeat a specific section of a disc

- Press **A-B RPT** at the beginning of the section you want to play back repeatedly.
- Press **A-B RPT** again at the end of the section.

The DVD player automatically returns to the start of the section and plays it back repeatedly.

To cancel the repeat press **A-B RPT** a third time.

To resume normal playback

- Press **CLEAR**.

Any repeat mode you have selected will be cancelled.

Programming a selection

The DVD player's memory function lets you program a selection of titles and chapters (DVD video discs) or tracks (audio CDs), and play them back in any order. Note that some DVD video discs do not support this function.

You program a selection on a DVD video disc by specifying the title and chapter number of each chapter you want to play. Alternatively, you can leave the chapter number blank to play all the chapters in a title.

You program a selection on an audio CD by specifying the track number of each track you want to play.

To program a selection

- With a disc inserted and stopped press **MEMORY** to display the MEMORY menu:

- Press ◀ to highlight the first title number, shown as **T--**, and enter the title number of the first item you want to play.
- Press ▶ to highlight the chapter number, shown as **C--**, and enter the chapter number, or leave the chapter number blank to play all the chapters in the specified title.

You do not need to enter the title number if it is the same as the previous selection.

- Press **ENTER** to enter the selection.
- Repeat this procedure for the other selections you want to program.

You can program up to 30 items.

To change the selection you have programmed

- Press ▲ or ▼ to highlight the item you want to change.
- Edit the item by pressing **T** and the number keys, or press **CLEAR** to remove the item from the list.

To play the selection you have programmed

- If necessary, press **MEMORY** to display the MEMORY menu showing the selection you have programmed.
- Press ▶ (**PLAY**).

Selecting a playback audio setting

You can select one of the audio soundtracks from those included on a DVD video disc during playback. The audio setting shows the following information:

Information	*Examples*
Soundtrack number	1, 2.
Soundtrack language	ENG, FRE, GER.
Recording system	AC-3, PCM, DTS.
Number of channels	2CH, 6CH.

For a full list of the language codes see *Language codes*, page 32.

To select the audio setting

- Press **AUDIO**.

The first time you press **AUDIO** the currently-selected audio setting is displayed:

- Press **AUDIO** to cycle between the available soundtracks.

The audio setting is displayed for three seconds, or until you press **CLEAR**.

Displaying subtitles

Many DVD video discs include subtitles in up to 32 different languages. While you are playing a disc you can turn the subtitles on or off, and select the subtitle language from those provided on the DVD video disc.

To select a subtitle language

- Press **SUBTITLE** during playback.

The on-screen display shows the current subtitle setting:

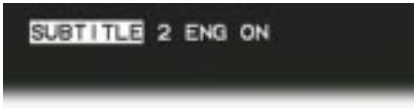
This gives the number of the subtitle option, the language code, and whether the subtitles are on or off. For a full list of language codes see *Language codes*, page 32.

- Press **SUBTITLE** to switch between the alternative subtitle languages.

To display subtitles

- Press **SUBTITLE ON/OFF**.

The on-screen displays shows the current subtitle setting:



Selecting the camera angle and zooming the picture

Some DVD video discs include scenes recorded from up to nine different camera angles, and you can select the camera angle while you are playing the disc.

You can choose to display an icon on the on-screen display to indicate when a scene contains multiple camera angles:

For more information see *To display the angle icon*, page 44.

To change the camera angle

- Press **ANGLE**, ▲, or ▼, while viewing a scene with multiple camera angles.

Each time you press **ANGLE**, ▲, or ▼, the next camera angle is selected.

Alternatively you can select a specific camera angle directly by pressing one of the number keys **1** to **9**.

To turn off the angle number indicator

- Press **CLEAR**.

To zoom the picture

- Press **ZOOM** during playback or slow motion.

The DVD player magnifies the central portion of the screen.

- Press ◀, ▶, ▲, or ▼ to move the magnified area.
- Press **CLEAR** to revert to magnifying the central part of the screen.
- Press **ZOOM** again to turn off the zoom feature.

Setting the parental lock

Some DVD video discs are provided with a parental lock function to allow you to lock out playback of scenes whose content exceeds a specified rating.

To set the parental lock

● Press **SET UP** while the disc is stopped.

The SET UP MENU is displayed on the on-screen display.

● Press **9** twice.

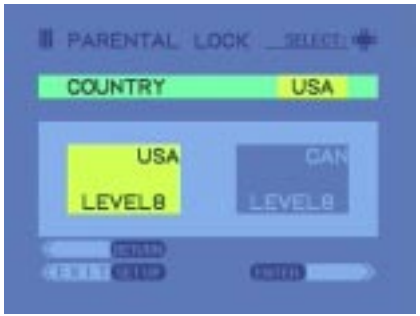
The PRESET SECURITY CODE menu appears:

● Enter a four-digit security code, and press **ENTER**.

The PARENTAL LOCK menu appears:

● Press ◀ or ▶ to select ON, and then press **ENTER**.

The COUNTRY menu appears:



- Press ◀ or ▶ to select the country whose standards were used to rate the DVD video disc, then press **ENTER**.

The following menu appears:

- Press ▲ or ▼ to select the parental lock level, then press **ENTER** to return to the SET UP MENU.

DVD video discs rated higher than the level you select will not be playable unless you cancel the parental lock.

Level 3 is equivalent to the USA movie rating PG.

- Press **SET UP** to exit from the SET UP MENU.

To change the parental lock setting

- Press **SET UP** while the disc is stopped.

The SET UP MENU is displayed on the on-screen display.

- Press **9** twice.

The ENTER SECURITY CODE menu appears:

- Enter your four-digit security code, and press **ENTER**.
- Proceed as described in *To set the parental lock*, page 29.

To change the four-digit security code

- Display the ENTER SECURITY CODE menu as described in the previous section.
- Press the **STOP** button four times to clear the existing security code.
- Enter a new four-digit security code, then press **ENTER**.
- Proceed as described in *To set the parental lock*, page 29.

To cancel the parental lock function

- In the PARENTAL LOCK menu select the OFF option, then press **ENTER**.

Language codes

The following table gives the abbreviation used for each language in the 586 menus.

Abbreviation	*Language*	*Abbreviation*	*Language*	*Abbreviation*	*Language*	*Abbreviation*	*Language*
---	No alternate language	ET	Estonian	LO	Laotian	SM	Samoan
CHI	Chinese	EU	Basque	LT	Lithuanian	SN	Shona
DUT	Dutch	FA	Persian	LV	Latvian, Lettish	SO	Somali
ENG	English	FI	Finnish	MG	Malagasy	SQ	Albanian
FRE	French	FJ	Fiji	MI	Maori	SR	Serbian
GER	German	FO	Faroese	MK	Macedonian	SS	Siswati
ITA	Italian	FY	Frisian	ML	Malayalam	ST	Sesotho
JPN	Japanese	GA	Irish	MN	Mongolian	SU	Sundanese
KOR	Korean	GD	Scottish Gaelic	MO	Moldavian	SV	Swedish
MAY	Malay	GL	Galician	MR	Marathi	SW	Swahili
SPA	Spanish	GN	Guarani	MT	Maltese	TA	Tamil
AA	Afar	GU	Gujarati	MY	Burmese	TE	Telugu
AB	Abkhazian	HA	Hausa	NA	Nauru	TG	Tajik
AF	Afrikaans	HI	Hindi	NE	Nepali	TH	Thai
AM	Amharic	HR	Croatian	NO	Norwegian	TI	Tigrinya
AR	Arabic	HU	Hungarian	OC	Occitan	TK	Turkmen
AS	Assamese	HY	Armenian	OM	(Afan) Oromo	TL	Tagalog
AY	Aymara	IA	Interlingua	OR	Oriya	TN	Setswana
AZ	Azerbaijani	IE	Interlingue	PA	Panjabi	TO	Tongan
BA	Bashkir	IK	Inupiak	PL	Polish	TR	Turkish
BE	Belorussian	IN	Indonesian	PS	Pashto, Pushto	TS	Tsonga
BG	Bulgarian	IS	Icelandic	PT	Portuguese	TT	Tatar
BH	Bihari	IW	Hebrew	QU	Quechua	TW	Twi
BI	Bislama	JI	Yiddish	RM	Rhaeto-Romance	UK	Ukrainian
BN	Bengali, Bangla	JW	Javanese	RN	Kirundi	UR	Urdu
BO	Tibetan	KA	Georgian	RO	Rumanian	UZ	Uzbek
BR	Breton	KK	Kazakh	RU	Russian	VI	Vietnamese
CA	Catalan	KL	Greenlandic	RW	Kinyarwanda	VO	Volapük
CO	Corsican	KM	Cambodian	SA	Sanskrit	WO	Wolof
CS	Czech	KN	Kannada	SD	Sindhi	XH	Xhosa
CY	Welsh	KS	Kashmiri	SG	Sango	YO	Yoruba
DA	Danish	KU	Kurdish	SH	Serbo-Croatian	ZU	Zulu
DZ	Bhutani	KY	Kirghiz	SI	Singhalese		
EL	Greek	LA	Latin	SK	Slovak		
EO	Esperanto	LN	Lingala	SL	Slovenian		

Setting default options

The DVD format allows disc manufacturers to provide a wide range of options on DVD video discs, and the 586 DVD Player allows you to choose between these options while a disc is playing.

Which of these features is available depends on the DVD video disc you are playing. For information about changing these options refer to the chapter *Advanced features*, page 19.

For convenience the 586 DVD Player allows you to set a default choice for most of these options, so that when you first insert a disc it starts playing with your preferred settings. This chapter explains how to set up the default options using the DVD player's SET UP MENU.

The options described in this chapter are only available using the DVD remote.

Setting default options

The default options are divided into the following three menus of settings:

Menu	*Description*
AUDIO SETTING	The audio language and sound format.
FUNCTION	The video and operational settings.
DISPLAY	The display settings, and menu and subtitle languages.

You choose the menu of settings you want from the main SET UP MENU.

To display the SET UP MENU

- If necessary switch on the DVD player and press **STOP** if a disc is currently playing.
- Press **SET UP**.

The main SET UP MENU will be displayed:

To select a set up menu

● Press ▲ or ▼ to display the set up menu you want.

As you display each menu, the settings available on that menu are shown:

● Press **ENTER** to select the menu.

To change a setting

● Press ▲ or ▼ to highlight the setting you want to change.

● Press **ENTER** to select the setting.

A second display then shows all the options available for the setting you have selected, and allows you to choose one as the default.

For more information about changing individual settings refer to the following sections in this chapter.

To return to the previous menu

● Press **RETURN**.

To exit from the set up menus

● Press **SET UP**.

Selecting the audio settings

The AUDIO SETTING menu lets you select the preferred soundtrack language and audio format, and choose dynamic range control and vocal karaoke options:

To select the default soundtrack language

Most DVD video discs include a selection of soundtrack languages. English is usually the default soundtrack language, but you can use the SET UP MENU to set a different default language if you prefer.

Some DVD video discs also include a description of the actions on screen (descriptive service) for visually impaired users.

- Highlight AUDIO in the AUDIO SETTING menu, and press **ENTER**.

The AUDIO menu is displayed:

- Press ◀, ▶, ▲, or ▼ to highlight the default soundtrack language you want to use.
- If you want the descriptive service press **AUDIO** to set the DESCRIPTIVE SERVICE option to ON.
- Press **ENTER** to return to the AUDIO SETTING menu.

To select the audio output format

- Highlight AUDIO OUT SEL. in the AUDIO SETTING menu, and press **ENTER**.

The AUDIO OUT SEL menu is displayed:

- Press ◀ or ▶ to highlight the format you want, and press **ENTER**.

Choose AC-3 if you are connecting the 586 DVD Player to an external digital surround processor.

Choose PCM to use the 586 on-board AC-3 decoder to provide two channel PCM audio on the digital and analogue outputs, suitable for feeding to a preamplifier or DSP loudspeakers.

To select dynamic range control

The DVD player's on-board AC-3 decoder provides dynamic range control, which is a feature available with Dolby Digital (AC-3) discs that makes quiet sounds easier to hear. It is ideal for low-level listening, such as late at night.

- Highlight D RANGE CONTROL in the AUDIO SETTING menu, and press **ENTER**.

The D RANGE CONTROL menu is displayed:

- Press ◀ or ▶ to turn dynamic range control on or off, and press **ENTER**.

Note that this feature is only available if you have chosen PCM in the AUDIO OUT SEL. menu. If you are using the DVD player with a 565 or 861 digital surround processor, these provide an equivalent function.

To select vocal karaoke

This option allows you to turn on or off the vocal track of DVD KARAOKE discs.

- Highlight VOCAL KARAOKE in the AUDIO SETTING menu, and press **ENTER**.

The VOCAL KARAOKE menu is displayed:

- Press ◀ or ▶ to turn the vocal track on or off, and press **ENTER**.

Selecting the function settings

The FUNCTION menu lets you change the video and operational settings of the 586 DVD Player:

Note that the REMOTE CONFIRM option has no effect in the 586 DVD Player.

To select the black level

- Highlight BLACK LEVEL in the FUNCTION menu, and press **ENTER**.

The BLACK LEVEL menu is displayed:

- Press ◀ or ▶ to choose between NORMAL, to give a standard black level, or ENHANCED, to give an expanded black level.

If you are using the COMPOSITE or S video outputs of the DVD player select the NORMAL option.

If you are using the COMPONENT video outputs select the option that corresponds to the combination of your display.

To select title stop

If title stop is selected the DVD player stops after playing each title.

- Highlight TITLE STOP in the FUNCTION menu, and press **ENTER**.

The TITLE STOP menu is displayed:

- Press ◀ or ▶ to turn title stop on or off, and press **ENTER**.

To select the video output format

This option determines which of the S-Video or COMPONENT video outputs is active.

- Highlight VIDEO OUT SEL. in the FUNCTION menu, and press **ENTER**.

The VIDEO OUT SEL. menu is displayed:

- Press ◀ or ▶ to highlight S or COLOR STREAM (COMPONENT video), and press **ENTER**.

Note that if you change this option while using the S-Video or COMPONENT video outputs the on-screen display will be lost. In this case connect the COMPOSITE video output, which is active irrespective of this setting, or use the Video toggle configuration option; see *To change the video output format*, page 49.

To select the on-screen display

This option allows you to turn on or off the on-screen displays shown during operation, such as PLAY and PAUSE.

- Highlight OSD in the FUNCTION menu, and press **ENTER**.

The OSD menu is displayed:

- Press the ◀ or ▶ to turn the on-screen displays on or off, and press **ENTER**.

Selecting the display settings

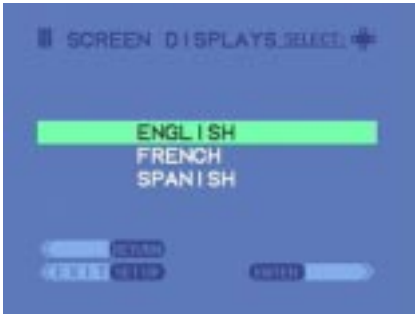
The DISPLAY menu lets you change the language for screen displays, the default picture format, the angle icon, and the default language for subtitles and disc menus.

To select the language for screen displays

The 586 DVD Player allows you to display the SET UP MENU and on-screen displays in English, French, or Spanish.

- Highlight SCREEN DISPLAYS in the DISPLAY menu and press **ENTER**.

The SCREEN DISPLAYS menu is displayed:



- Use ▲ or ▼ to highlight the language you want to use, and press **ENTER**.

The screen displays will change to the language you have selected.

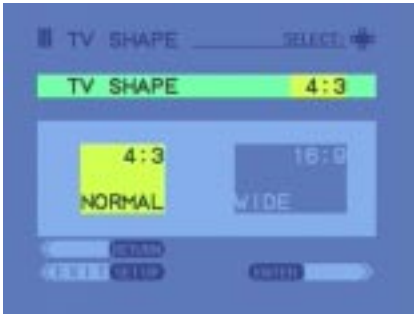
To set the default picture format

Some DVD video discs allow you to choose between the 4:3 (normal television) or 16:9 (widescreen) picture formats.

If you have a standard 4:3 television you also have the choice of displaying widescreen pictures cropped to fill your television screen (pan-scan), or with black bars above and below the picture (letterbox).

- Highlight TV SHAPE in the DISPLAY menu, and press **ENTER**.

The TV SHAPE menu is displayed:



- Press ◀ or ▶ to select the format of your TV, and press **ENTER** (remote).

If you selected 4:3 NORMAL an additional DISPLAY MODE menu appears:

- Press ◀ or ▶ to select the display mode you want to use for widescreen videos, and press **ENTER**.

Note that the pan-scan feature is not available on some discs, in which case letterbox format will be used.

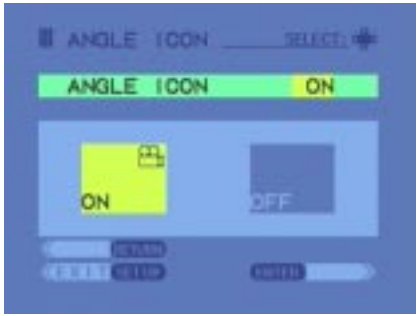
To display the angle icon

Some DVD video discs contain movies recorded from up to 9 alternative angles, and while the disc is playing you can choose which angle to watch from.

You can choose to have an angle icon displayed on the screen to show if a scene has been recorded from multiple angles.

- Highlight ANGLE ICON in the DISPLAY menu, and press **ENTER**.

The ANGLE ICON menu is displayed:



- Press ◀ or ▶ to turn the angle icon ON or OFF, and press **ENTER**.

To set the default subtitle language

DVD video discs can include subtitles in up to 32 different languages.

Some DVD video discs also include special subtitles for hearing impaired users (extended features), describing the sounds in the soundtrack.

The 586 DVD Player allows you to select whether subtitles are displayed by default, and specify the preferred language if it is available on the disc.

- Highlight SUBTITLE in the DISPLAY menu, and press **ENTER**.

The SUBTITLE menu is displayed:

- Press ◀, ▶, ▲, or ▼ to highlight the language you want to use, or NO SUBTITLES if you do not want to display subtitles.
- If you want extended features press **SUBTITLE** to turn EXTENDED FEATURES to ON.
- Press **ENTER** to set the default subtitle options you have chosen.

To set the default disc menu language

Many DVD video discs include a disc menu to allow you to select different sections of the disc or to display other information provided on the disc.

If the disc menu is provided on a disc in alternative languages you can select the default language.

- Highlight DISC MENU in the DISPLAY menu, and press **ENTER**.

The DISC MENU is displayed:

- Press ◀, ▶, ▲, or ▼ to highlight the default disc menu language you want to choose, and press **ENTER**.

Configuring the DVD player

Many advanced aspects of the 586 DVD Player can be configured to alter the way it operates with the other Meridian equipment in your system.

These settings are initially set to standard values, which are suitable for most situations, and this chapter describes how to restore the standard settings.

It then gives details of the more advanced settings and explains how to change them.

Choosing standard settings

The DVD player provides a standard setting, called Type 1, which configures the 586 into the most commonly needed configuration.

Choosing Type 1 overrides any other configuration you may have performed, and so can be used to reset the configuration of the unit.

To restore the standard settings

- Switch off the 586, using the power switch on the back panel.
- Switch off any power amplifiers that are connected to the 586 and put any digital speakers to standby.
- Switch on the power again while holding down the **Off** key on the front panel.

After a short delay the display will show:

- Wait for one second, and then switch off the 586 using the power switch on the back panel.
- Switch on again to use the 586 with the standard setting.

Configuring the 586 DVD Player

To configure specific options

- Switch off the 586, using the power switch on the back panel.
- Switch on the power again while holding down the display key on the front panel.

The display will show:

- Press **Display** until the display shows the current value of the option you want to change.

For example:

- Press ⏮ or ⏭ to set the value you want.

When you have configured all the settings you want to change:

- Switch off the 586, using the power switch on the back panel.

To change the video output format

You can change the active video output using the Video toggle configuration option, enabling you to use the on-screen menus if you do not have the Composite video output connected.

This changes the active video output between S-Video and COMPONENT video.

- While in Config mode press **Off**.

The display will show:

To change the fan setting

- Press **Display** until the display shows the current fan setting.

For example:

- Press ⏮ or ⏭ until the display shows the setting you want.

For example:

The following fan settings are provided:

Setting	*Description*
Fan Auto	The fan switches on when a disc is playing.
Fan Off	The fan is off; only recommended in cool environments.
Fan Always	The fan is permanently on; recommended if the 586 is used with limited ventilation, such as in a cabinet.

To configure another source to control the DVD player

By default the DVD player is selected by the **DVD** source, or the **DVD** key on the Meridian System Remote (labelled **TEXT** on earlier systems).

If you want to use another source, such as **CD**, to control the DVD player:

- Press the corresponding source key on the Meridian System Remote.

The display shows the source you have selected.

- Press ⏮ or ⏭ until the **-C** option is selected.

For example:

To set other configuration options

The other configuration options are generally set to an appropriate value when you reset the 586 to one of the standard settings, and you should not normally need to alter them; see *Choosing standard settings*, page 48.

These options are summarised in the following table for advanced use:

Option	*Initial value*
Controller mode (Auto Setup, Controller, or Not Con.)	
System address (1–8)	
Product address (1–8)	
Start source (CD, RD, LP, TV, T1, T2, Cr, Cb, DV, V1, V2, Ld)	

Setting up the DVD player

This chapter explains how to install the DVD player. It describes what you should find when you unpack the DVD player, how you should connect it to your other audio equipment, and the siting constraints.

Before you begin installation, you should ensure that your DVD player is the correct voltage for your local AC supply. If it is not, do not try to install the DVD player, and contact your dealer.

You should not make any connections to the DVD player or to any other component in your system whilst the AC power supply is connected and switched on.

Unpacking

The 586 DVD Player comes in a box containing the following components:

- ❍ Meridian 586 DVD Player.
- ❍ DVD remote.
- ❍ Meridian comms lead.
- ❍ Power cord.
- ❍ This manual.

If any of these items are missing please contact your dealer. We suggest that you retain the packing in case you need to transport the unit.

To position the DVD player

Do not place the DVD player:

- ❍ In direct sunlight.
- ❍ Near heat sources, such as a radiator.
- ❍ Directly on top of heat producing equipment, such as a power amplifier.

In common with all CD and DVD players, the 586 DVD Player emits some radio-frequency signals. You should therefore try to keep all power cables and network leads away from signal cables, including audio, antenna, and loudspeaker cables.

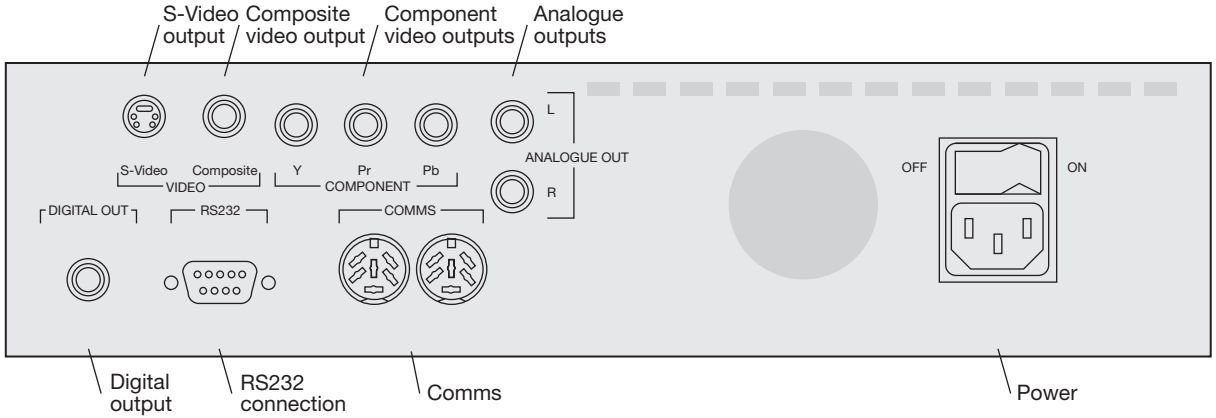
Radio interference

FCC Warning: This equipment generates and can radiate radio frequency energy and if not installed and used correctly in accordance with our instructions may cause interference to radio communications or radio and television reception. It has been type-tested and complies with the limits set out in Subpart J, Part 15 of FCC rules for a Class B computing device. These limits are intended to provide reasonable protection against such interference in home installations.

EEC: This product has been designed to comply with the limits set out in EN55013 and EN55020C.

CE

Back panel



Video connections

The DVD player provides three alternative video outputs to provide flexibility in connecting it to other equipment.

If your other equipment provides component video outputs, use these to produce the highest possible video quality.

The video connections should be made using suitable video cables, which are available from your dealer.

Use this output	*To connect to this*
COMPONENT Y, Pr, Pb	A monitor or projection television with component video inputs.
S-Video	A monitor or television with an S-Video input, or a Meridian 562V Multimedia Controller.
Composite	A television or monitor with a composite video input, or the composite video input on a Meridian 562V or 501V.

Audio connections

The following table gives details of the two alternative audio outputs:

Use this output	*To connect to this*
DIGITAL OUT	A surround processor such as the Meridian 565 Digital Surround Processor, a digital preamplifier such as the Meridian 562V, or Meridian DSP loudspeakers.
ANALOGUE OUT	A television, analogue preamplifier such as the Meridian 502, or an analogue surround processor such as the Meridian 541 Surround Controller.

The digital connections should be made with high quality 75Ω screened cable. Suitable cables are available from Meridian. We do not recommend using audio cables which do not have adequate shielding or the correct impedance, or cables intended for UHF applications, as these do not provide adequate shielding in the 1–30MHz region.

The analogue connections should be made using high-quality screened cable, taking care to connect the left and right channels correctly.

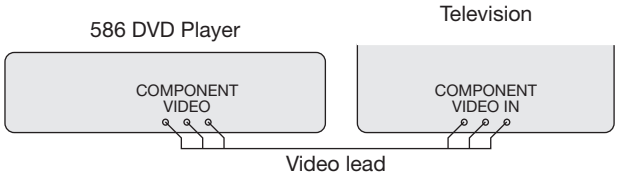
Communications connections

The following table gives details of the communications connections:

Use this connection	*To connect to this*
COMMS	Other Meridian 500 series equipment, or Meridian DSP loudspeakers.
RS232 connection	For future expansion, to allow the 586 to be interfaced to a computer. Contact your dealer for more information.

Connecting video

Connecting using component video



If your television, monitor, or projection system includes component video inputs, these will give the highest possible quality from DVD videos.

- Connect the component outputs from the 586 DVD Player to the COMPONENT video inputs, using suitable video cables.
- Set the VIDEO OUT SEL. menu option to COLOR STREAM; see *To select the video output format*, page 40, or *To change the video output format*, page 49.

Connecting using S-Video

- Connect the S-Video output to a corresponding input on a television, monitor, or video control unit, using a suitable S-Video cable.

The S-Video output is recommended if your other equipment provides a choice of both S-Video and composite inputs.

- Leave the VIDEO OUT SEL. menu option set to S; see *To select the video output format*, page 40.

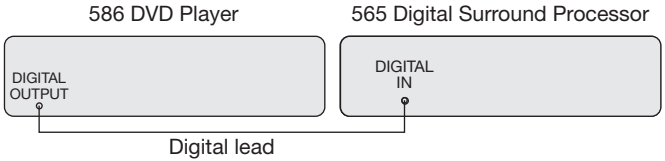
Connecting using composite video

- Connect the Composite video output to a corresponding input on a television, monitor, or video control unit using a suitable cable.

The Composite video output is always active, irrespective of the VIDEO OUT SEL. setting.

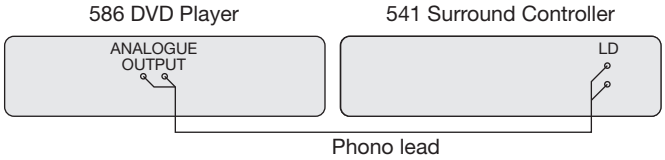
Connecting audio

To connect to a Meridian 565 Digital Surround Processor



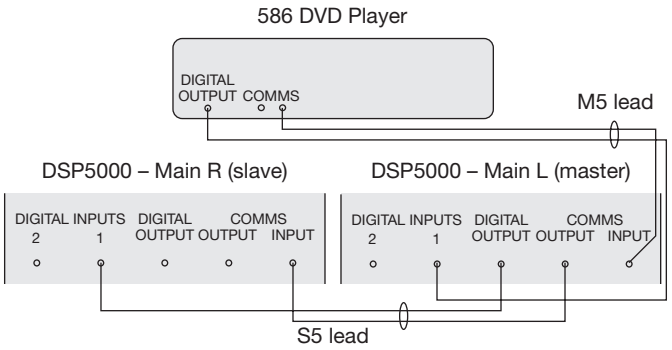
- Connect the DIGITAL OUT on the 586 to the DIGITAL IN on the 565.
- Set the AUDIO OUT SEL. menu option to AC-3; see *To select the audio output format*, page 37.

To connect to the Meridian 541 Surround Controller



- Connect the ANALOGUE OUT connections from the 586 DVD Player to a suitable pair of audio inputs on the 541 Surround Controller, such as the CD or LD inputs.
- Leave the AUDIO OUT SEL. menu option set to PCM; see *To select the audio output format*, page 37.

To connect to Meridian DSP loudspeakers



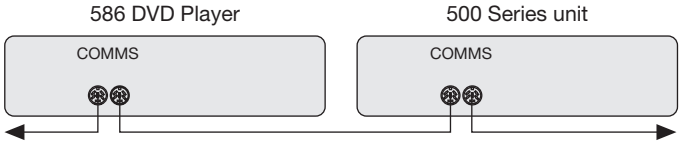
- Connect the DIGITAL OUT from the 586 DVD Player to DIGITAL INPUT 1 on the master DSP loudspeaker.
- Connect the DIGITAL and COMMS output from the left DSP loudspeaker to the DIGITAL and COMMS INPUTS on the slave DSP loudspeaker, using an M5 lead.
- Leave the AUDIO OUT SEL. menu option set to PCM; see *To select the audio output format*, page 37.

Connecting to other Meridian equipment

To connect to other Meridian 500 Series equipment

- Connect one of the COMMS sockets on the back panel of the DVD player to one of the COMMS sockets on another 500 Series unit, using the 500 comms lead provided with the 586 DVD Player.

The sequence in which you connect the units is not important.



Then configure the units with the following automatic setup procedure:

- Switch all the units to standby.
- Press **CLEAR** (remote).

Each unit will display:

One unit will then be designated as the controller, and display:

This is the unit that will respond to the remote.

All the other units will be configured as non-controllers, and display:

Your system is now set up and ready for use.

- If for any reason the automatic setup does not give the configuration you want, restore the default operation by selecting one of the standard types; see *Choosing standard settings*, page 48.

Note: Do not, under any circumstances, connect any equipment other than Meridian 500, 600, or 200 Series to the socket marked COMMS on the back of the DVD player.

Troubleshooting

This section describes problems you may encounter when using the DVD player, and includes suggested solutions.

If these suggestions fail to cure the problem, please contact your Meridian dealer for further assistance.

No lights are displayed when switching on

❍ Check that your AC power supply is connected correctly.

❍ Check that the ON/OFF switch on the back panel is in the ON position.

There is no sound when playing a disc

❍ Check that your preamplifier is switched on, and the volume is at an appropriate level.

❍ Check that the DVD player is connected correctly to the other components of your system; see *Setting up the DVD player*, page 53.

❍ Check that the correct source has been selected on your preamplifier.

❍ Check that the display does not show **Pause**.

❍ Try playing another disc. If this disc works, check the problem disc for signs of dirt or damage.

❍ If you are using the DVD player with a preamplifier or active loudspeakers check that the AUDIO OUT SEL. menu option is set to PCM; see *To select the audio output format*, page 37.

There is interference on the radio and/or television when the DVD player is switched on

Before following the steps below, ensure all units are switched off first.

If this equipment does cause or suffer from interference to/from radio or television reception then the following measures should be tried:

❍ Reorient the receiving aerial (or antenna) or route the antenna cable of the receiver as far as possible from the 586 DVD Player and its cabling.

❍ Ensure that the receiver uses well-screened antenna cable.

❍ Relocate the receiver with respect to the DVD player.

❍ Connect the receiver and this product to different AC outlets.

There are clicks when starting to play a disc

❍ If you are using a source other than **DVD** to control the DVD player, check that it is configured as **-C** in Config. This ensures that the Meridian preamplifier or control unit mutes the sound when a disc is not playing.

❍ If you are using a non-Meridian preamplifier the clicks are unavoidable.

For more information see *To configure another source to control the DVD player*, page 50.

There is no video output

Only one of the S-Video or COMPONENT video outputs is active at any time, depending on the option selected in the VIDEO OUT SEL. menu; see *To select the video output format*, page 40.

To change the menu option connect the COMPOSITE video output, which is active irrespective of this setting, or use the Video toggle configuration option; see *To change the video output format*, page 49.

The on-screen display shows PLEASE CHECK DISC when attempting to play a disc

❍ Check that the disc is positioned correctly in the drawer; see *To insert a disc*, page 11.

❍ If it is a single-sided disc check that the label is uppermost.

❍ Check that it is not a recordable CD.

❍ Try playing another disc. If this disc works, check the problem disc for signs of dirt or damage.

The on-screen display shows DISC PLAYBACK UNAUTHORIZED

This screen is displayed if you attempt to play a DVD video disc encoded for a region that is not supported by your DVD player:

A hand symbol is displayed on the on-screen display

This indicates that the function you have selected is not available on the disc you are playing.

Maintenance

Cleaning

When cleaning the DVD player bear in mind that the front of the DVD player is plastic, and the display panel and lid are glass.

Disconnect the power cord before cleaning the unit.

Note: Do not use abrasive cleaners on any part of the DVD player.

To clean the case, display panel, and keypad

- Use a slightly damp cloth.

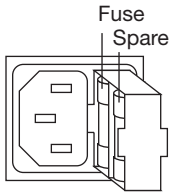
Ensure that no water is allowed to get inside the case, and do not reconnect the power until you are certain that the DVD player is completely dry.

To clean the audio and video connections

The audio and video sockets on the back of the DVD player are gold-plated and need no cleaning if gold-plated phono plugs are used. Otherwise, it is recommended that you unplug and reconnect the plugs at least once a year. A proprietary contact cleaner can be used to some advantage.

The electrical digital output should be treated in a similar way.

To change the mains fuse



- Remove the mains connector, and pull out the drawer next to the power input to access the fuses.

Before replacing a blown fuse, it is best to ascertain the cause of the failure.

The fuse drawer includes a spare fuse. This should be replaced by a fuse of the same rating.

Service and guarantee

Service

The Meridian 500 Series of hi-fi components have been carefully designed to give years of untroubled service. There are no user-serviceable parts inside the case, nor do the units require any form of maintenance.

In the unlikely event that your DVD player fails to function correctly, it should be returned, in its original packaging, to your Meridian dealer.

In case of difficulty within the UK or USA please contact the appropriate sales and service address shown on page ii.

In case of difficulty outside the UK or USA, contact the importing agent for the territory. A list of Meridian agents outside the UK is available from Meridian Audio.

No responsibility can be accepted for the DVD player whilst in transit to the factory or an agent, and customers are therefore advised to insure the unit.

When seeking service under guarantee, proof of the date of purchase will be required.

Guarantee

The 586 DVD Player is guaranteed against defects in material and workmanship for 2 years from the date of purchase.

The guarantee is void if the 586 DVD Player has been subject to misuse, accident, or negligence, or has been tampered with or modified in any way without the written authorisation of Meridian Audio Limited. Note that connecting anything other than the correct network lead to the COMMS sockets may cause damage to the 586 DVD Player which will not be covered by this guarantee. Attempted servicing by unauthorised people may also invalidate this guarantee. Labour and carriage charges are not covered unless by local agreement.

Outside the UK, local warranty liability is restricted to equipment purchased within the territory. Our agents outside the UK are only under contractual obligation to service under-guarantee equipment sold through them. They are entitled to make a non-refundable charge for any service carried out on other equipment.

This guarantee does not limit your statutory rights within the United Kingdom.

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