

DVD-1

24/192 DVD PLAYER

INSTRUCTIONS FOR USE

*Thank you for purchasing the Musical Fidelity
DVD-1 24 bit DVD player.
Used properly and carefully, it should give you
many years of outstanding musical and video reproduction.*

*The DVD-1 plays a wide range of different format discs.
The list includes:- DVD-video, CD audio, CD-R,
CD-RW, video CD and S-Video CD.*

*Aesthetically, the DVD-1 is a perfect match for the
HTP Home Theatre Processor and HT600
5 channel power amplifier.*

*If you have any questions about anything in your
audio system, please consult your dealer who is
there to help and advise you.*

Manufactured under license from Dolby Laboratories.
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Manufactured under license from Digital Theater Systems.

TruSurround © Copyright 1998/1999 SRS Labs, Inc. All rights reserved.



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SAFETY INFORMATION

IMPORTANT!

This unit is supplied in the U.K. with a mains lead fitted with a moulded 13 amp plug. If, for any reason, you need to cut off this plug, please observe the following safety precautions. Please dispose of the cut-off plug safely. ***It must not*** be plugged into a mains power supply.

The wires in the mains lead supplied with this appliance are coloured in accordance with the following code:

Green and yellow.....Earth
Blue.....Neutral
Brown.....Live

WARNING - This appliance must be earthed

As the colours of the wires of the mains lead of this appliance may not correspond with the coloured markings identifying the terminals in your plug, proceed as follows:

The wire which is coloured green-and-yellow must be connected to the terminal in the plug which is marked with the letter E or coloured green or green-and-yellow, or by the earth symbol.



The wire which is coloured brown must be connected to the terminal which is marked with the letter L or coloured red.

The wire which is coloured blue must be connected to the terminal which is marked with the letter N or coloured black.

If connecting to a BS1363 plug, a 10 amp fuse must be used.

WARNING - Radio Frequency Interference (RFI)

This hi-fi product has been tested to ensure that its operation will not be adversely affected by normal background levels of RFI. It is possible that if this product is subjected to abnormally high levels of RFI the unit may be susceptible and not perform as expected. In the unlikely event of this happening on a regular basis, please contact Musical Fidelity's service department.

The unit has also been tested to ensure that it does not radiate excessive levels of RFI that could affect other pieces of electronic or electrical equipment.

The electronics in modern hi-fi equipment is complex and hence may be damaged by lightning. It is possible that during electrical storms the operation of some equipment may be adversely affected. For complete protection of your hi-fi system during such storms, mains plugs and aerial leads should be disconnected.

Always ensure that when disconnecting and reconnecting your hi-fi equipment the mains supply is switched off.

SAFETY INFORMATION

To comply with North American regulations this equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to part 15 of the FCC rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation.

WARNING - ANY MODIFICATIONS OR CHANGES TO THIS UNIT NOT EXPRESSLY APPROVED BY MUSICAL FIDELITY WHO ARE THE PARTY RESPONSIBLE FOR COMPLIANCE COULD VOID THE USER'S AUTHORITY TO OPERATE THIS EQUIPMENT

This equipment generates, uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. As it cannot be guaranteed that interference will not occur in a particular installation the user is encouraged to try to correct any interference experienced, for instance to radio or TV broadcasts, by one or more of the following measures:

- Identify the source of interference, turn off the DVD player, check whether the interference disappears.
- Re-orientate or relocate the receiving aerial.
- Increase the separation between the DVD player and receiver.
- Connect the DVD player to a mains outlet on a different circuit from the receiver.
- Consult a dealer or experienced TV/radio technician for help.

WARNING - THIS DVD PLAYER CONTAINS A LASER

This equipment contains a laser which emits invisible radiation. Only a qualified service person should remove the cover or attempt to service this device due to possible eye injury.

Optical pick-up type:	Manufacturer : Semiconductor AlGaAs		
	Numerical Aperture	0.6	VCD & CD
		0.45	DVD
	Wavelength :	780nm	VCD & CD
		650nm	DVD

SAFETY INFORMATION

CLASS 1 LASER PRODUCTS

This DVD player has been designed and manufactured according to FDA regulations "title 21, CFR, chapter 1, subchapter J, based on the Radiation Control for Health and Safety Act of 1968", and is classified as a Class 1 laser product. There is no hazardous radiation during normal use because invisible radiation emitted inside this product is completely confined within the protective housing. However you must comply with the following important cautions.

CAUTION !

- **THIS DVD PLAYER OPERATES WITH INVISIBLE LASER LIGHT. WHEN THE PLAYER OPERATES LASER LIGHT IS RADIATED INTERNALLY. DO NOT REMOVE THE PROTECTIVE HOUSINGS.**
- **USE OF CONTROLS OR ADJUSTMENTS OR PERFORMANCE OF PROCEDURES OTHER THAN THOSE SPECIFIED HEREIN MAY RESULT IN HAZARDOUS RADIATION EXPOSURE.**
- **IF THIS PRODUCT DEVELOPS A FAULT PLEASE CONTACT YOUR AUTHORISED MUSICAL FIDELITY SERVICE AGENT. DO NOT ATTEMPT TO SERVICE IT YOURSELF AND DO NOT CONTINUE TO USE THIS PRODUCT IN A FAULTY STATE.**

WARNING AND INFORMATION LABELS:

THIS PRODUCT COMPLIES WITH DHHS RULES 21 CFR, CHAPTER 1, SUBCHAPTER J, PART 1040 AT DATE OF MANUFACTURE. THIS PRODUCT COMPLIES WITH PART 15 OF THE FCC RULES. OPERATION IS SUBJECT TO TWO CONDITIONS:
1 THIS DEVICE MAY NOT CAUSE HARMFUL INTERFERENCE, AND
2 THIS DEVICE MUST ACCEPT ANY INTERFERENCE RECEIVED, INCLUDING INTERFERENCE THAT MAY CAUSE UNDESIRE OPERATION

LABEL STUCK TO BASE
OF PLAYER

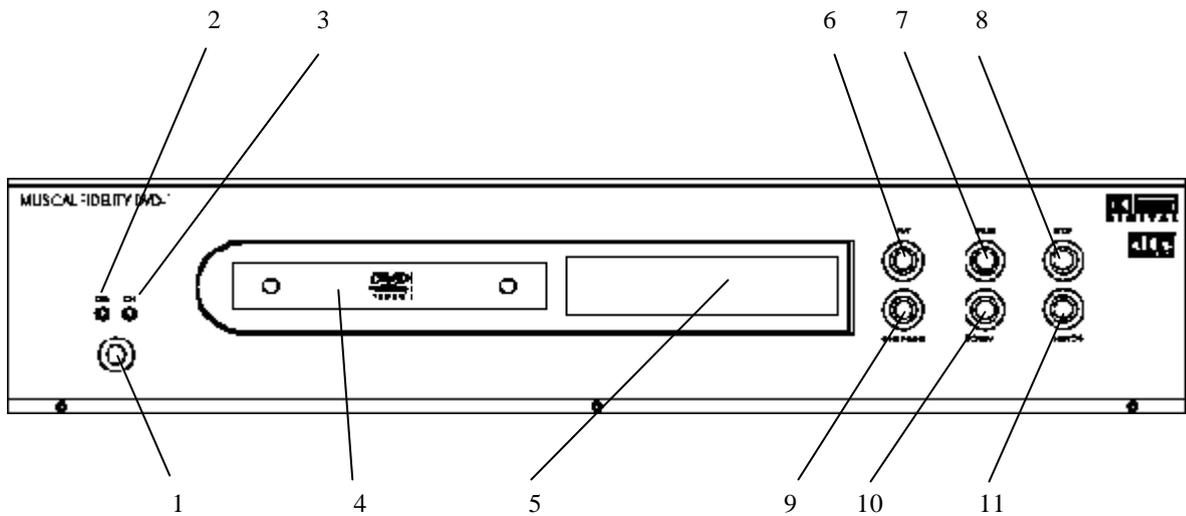


PRINTED ON BACK
PANEL OF PLAYER

CAUTION -	INVISIBLE LASER RADIATION WHEN OPEN AND INTERLOCKS DEFEATED. AVOID EXPOSURE TO BEAM.
VORSICHT! -	NSICHTBARE LASERSTRAHLUNG TRITTT AUS, WENN DECKEL, GEOFFNET UND WENN SICHERHEITSVERRIEGELUNG UBERBRUCKT IST. NICHT DEM STRAHL AUSSETZEN!
VARNING -	SYNLIG LASERSTRALNING NAR DENNA DEL AR OPPNAD OCH SPARR AR URKOPPLAD. STRALEN AR FARLIG.
ADVARSEL -	USYNLIG LASERSTRALNING VED ABNING, NAR SIKKERHEDSAFBRYDERE ER UDE AF FUNKTION. UNGDA UDSAETTELSE FOR STRALNING.
VAROITUS! -	SUOJAKOTELOA EI SAA AVATA. LAITTE SISALTTAA LASERDIODIN, JOKA LAHETTTAA (NAKYMATONTA) SILMILLE VAARALLISTA LASERSATEILYTA.

FITTED INTERNALLY TO
CHASSIS

FACILITIES AND CONNECTIONS

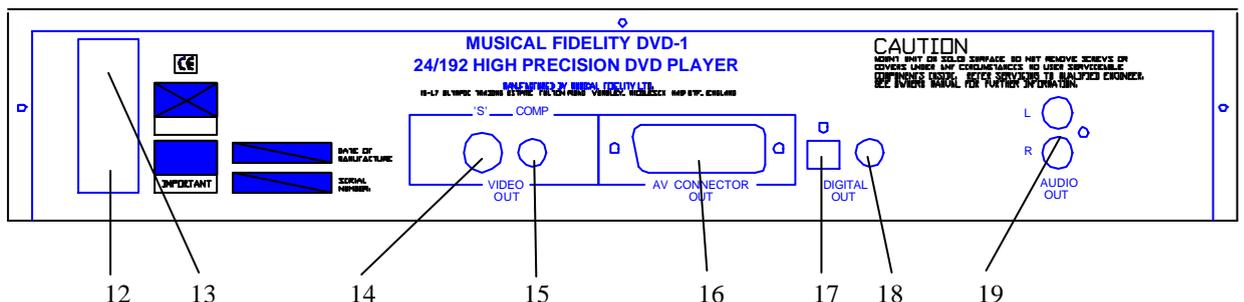


FRONT PANEL

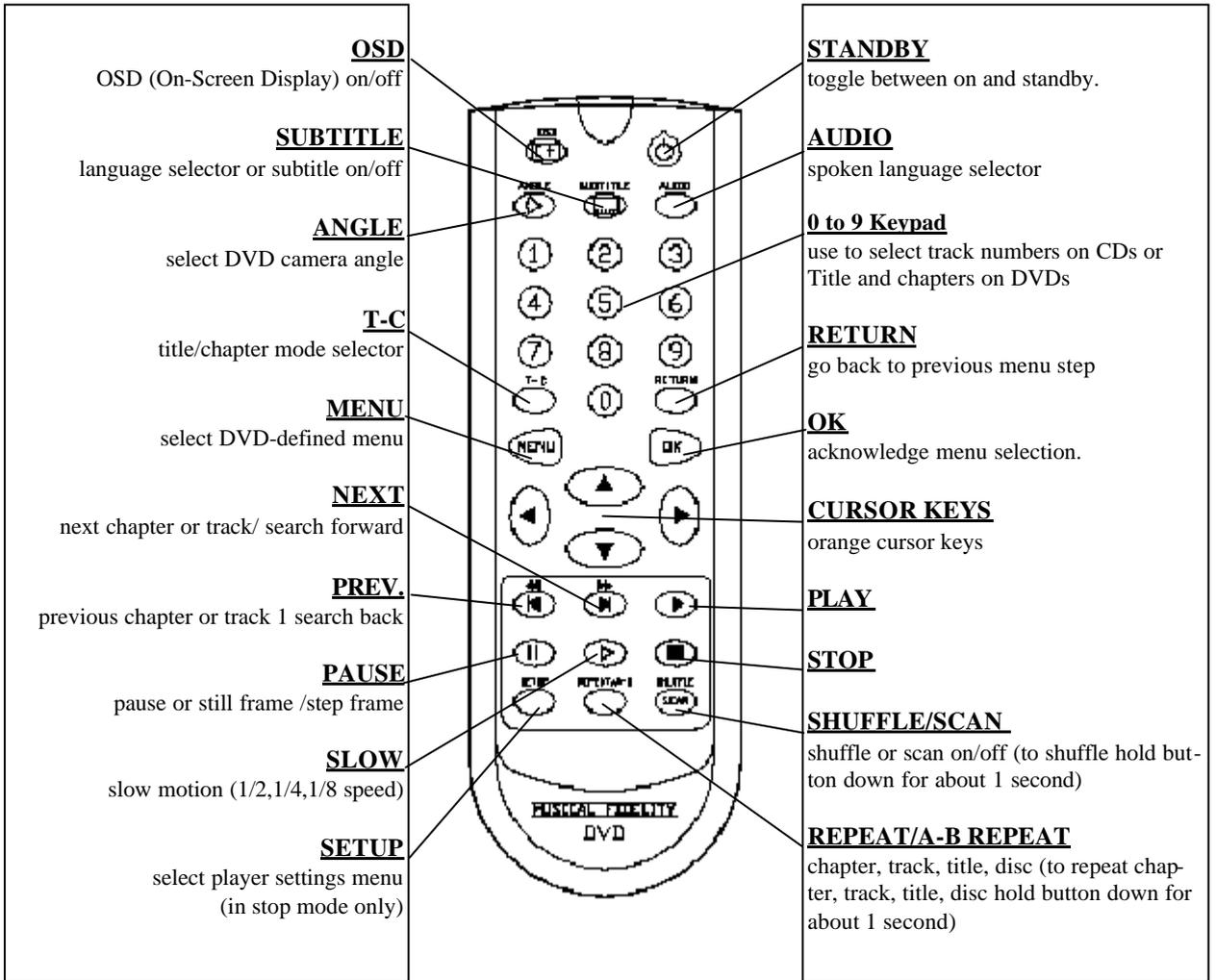
- | | | | |
|---|-----------------------------|----|-------------------------------------|
| 1 | On/off switch | 6 | PLAY to start CD playback |
| 2 | Yellow standby LED | 7 | PAUSE to pause playback |
| 3 | Blue on LED | 8 | STOP to stop CD playback |
| 4 | CD transport loading drawer | 9 | OPEN/CLOSE to open and close drawer |
| 5 | CD player display | 10 | SKIP BACK track selector |
| | | 11 | SKIP FORWARD track selector |

REAR PANEL

- | | |
|----|------------------------------|
| 12 | Mains IEC inlet |
| 13 | Mains on/off switch |
| 14 | 'S' Video output |
| 15 | Composite Video output |
| 16 | SCART socket |
| 17 | DIGITAL OUTPUT optical |
| 18 | DIGITAL OUTPUT coaxial |
| 19 | Left and right AUDIO OUTPUTS |



REMOTE CONTROL



GENERAL ADVICE

INSTALLATION PRECAUTIONS and USER INFORMATION

Your new DVD player is designed and built to provide trouble-free performance, but as with all electronic devices it is necessary to observe a few precautions.

ALWAYS disconnect your entire system from the AC mains before connecting or disconnecting any cables, or when cleaning any component.

This product is equipped with a three-conductor AC mains power cord which includes an earth ground connection. To prevent shock hazard, all three connections must ALWAYS be used. If your electrical outlets will not accept this type of plug an adapter may be purchased. If an adapter is necessary, be sure it is an approved type and is used properly.

Heed all warnings on the back of the unit.

Only connect the DVD player to a mains outlet of the voltage marked on the back of the unit.

The DVD player will operate in accordance with its specifications as long as the environmental conditions are kept in the following ranges:-

<i>Temperature</i>	<i>5 to 45 degrees Celsius</i>
<i>Humidity</i>	<i>10 to 90% non condensing</i>

Position the mains lead and all interconnects where they are not likely to be walked on or trapped by items placed on them.

Do not use near water. The unit shall not be exposed to dripping or splashing and no objects filled with liquids, such as vases, shall be placed on the unit.

Do not place the unit near direct heat sources such as radiators or other equipment that produces heat.

Do not place the unit where it can be subjected to direct sun-light.

Do not remove any covers or try to gain access to the inside. The warranty is invalid if the unit has been tampered with. There are no user adjustments within. Refer all service work to an authorised Musical Fidelity agent.

Dust regularly with a soft duster or soft brush but be careful when using cleaning or polishing agents - they may harm the surface finish.

NEVER use flammable or combustible chemicals for cleaning audio components.

There are fuses in the unit. In the unlikely event that one blows, take your unit to your audio dealer. Do NOT try to replace the fuse yourself or you will invalidate the warranty.

No naked flame sources, such as lighted candles, should be placed on the unit.

Keep out of reach of children.

Important! Unauthorised opening of the equipment will invalidate any warranty claims.

Note: To help your dealer identify your DVD player if after-sales service is required, please quote the serial number located on the rear panel of the unit.

INTRODUCTION

INTRODUCTION

Thank you for choosing the Musical Fidelity DVD-1. The unit is specifically designed to reproduce all approved video and audio formats.

The DVD-1 can be used as either a high-end CD player, a home cinema audio/video signal source or a combination of both.

The DVD-1 has digital out via an optical link and also via coaxial output which will output Dolby Digital, Dolby Pro Logic and DTS Digital Surround™ encoded signals.

For audio out the DVD-1 has left and right analogue outputs, via a standard RCA connector.

For video outputs it has one 'S' video, one composite video output and RGB via the SCART socket.

The DVD-1 has been configured by the factory only to play DVD video discs for the region where the player was intended to be sold. See the back panel for the region that your DVD player is set to.

The DVD has also been set to output the correct TV system for country where it was intended to be sold. The two possible settings are PAL or NTSC. Europe, Hong Kong, Malaysia, Singapore, and the Middle East use PAL TV system. The USA, Canada, and Taiwan use NTSC.

All DVD video discs are recorded in either PAL or NTSC. Once the unit is playing one of these discs, the player will output the TV system that the disc was recorded in.

If the unit is connected to a TV system of the wrong type, i.e. a PAL DVD player connected to a NTSC TV system, then the Musical Fidelity picture (when the unit is first turned on) will not be still on the

screen. Also if an audio CD is played the same will happen.

The user can not change the default TV system that the DVD player outputs.

If you have any questions about anything in your audio system, please consult your dealer who is there to help and advise you.

DTS Digital Surround™ is a discrete 5.1 channel digital audio format available on CD, LD, and DVD software which consequently cannot be decoded and played back inside most CD, LD, or DVD players. For this reason, when DTS-encoded software is played back through the analogue outputs of the CD, LD, or DVD player, excessive noise will be exhibited. To avoid possible damage to the audio system, proper precautions should be taken by the consumer if the analog outputs are connected directly to an amplification system. To enjoy DTS Digital Surround™ playback, an external 5.1 channel DTS Digital Surround™ decoder system such as the Musical Fidelity HTP must be connected to the digital output (S/PDIF, AES/EBU, or TosLink) of the CD, LD, or DVD-1 player.

INSTALLATION

INSTALLATION

Place your DVD player on a stable, horizontal, vibration-free surface where there is no risk of it falling over or being subjected to vibrations. Avoid placing your DVD player next to radiators or in direct sunlight.

Protect your DVD player from humidity. Avoid placing it under a window. Do not place any containers filled with water on the DVD player e.g. flower vases or potted plants. If water does enter the DVD player, immediately pull out the mains plug from the wall socket and inform your dealer, who should then check the set before you use it again.

- Liquid entering the DVD player could cause dangerous short-circuits which, in the worst case, could cause a fire.

If you move your DVD player from a cold place to a warm place, leave it switched off for a few hours before using it again.

Condensation could form inside the unit and must be allowed to evaporate.

CLEANING

Before cleaning the DVD player always switch off the main switch and remove the mains plug from the wall outlet. Clean the housing and the remote control unit using a moist cloth. We do not advise that you use any solvents, white spirits, thinners, etc. as they could damage the surface finish of the unit.

NOTES ON USING CD and DVD DISCS

Always hold discs by the edges and make sure they remain clean. Do not touch the surface. Do not stick any paper or adhesive tape to either side of the disc. Keep discs away from direct sunlight and heat sources, such as radiators. Do not leave discs in a car parked in direct sunlight, since the temperature inside the car can become extremely high. Clean discs with a cloth before playing them. Do not use any solvents such as benzene, thinners, commercially available cleaners or antistatic spray intended for analogue discs, to clean your discs. After playing, always store a disc in its case again.

CONNECTIONS

VIDEO CONNECTIONS

Your DVD needs to be connected to a TV, projector system or monitor. This is done by using one of the 3 different types of video connection at the back of the DVD-1:-

Composite video connector
'S' Video connector
SCART connector

The SCART connector is the easiest way of getting started quickly if your TV has one. Connection using this method connects both video and analogue audio using just this cable.

Composite video connector

Use composite video output with a phono cable suitable for use with video signals. (your dealer will be able to advise on different cables)

'S' video connector

'S' video is generally considered to provide a better quality video picture. If your TV supports 'S' video it is recommended that the 'S' video connection is used on the back of the DVD-1. You will need an 'S' Video lead to use this type of connection. ('S' video is also known as Y/C or S-VHS)

SCART connector

The SCART connector provides an easy method of connecting audio and video all in one cable. The cable is commonly called a SCART lead. The SCART connector on the back of the DVD-1 utilises composite video.

The SCART output from the DVD-1 also has a signal called AV control. When the DVD-1 is turned on the control signal automatically selects the SCART input on the TV.

AUDIO CONNECTION

Your DVD player needs to be connected to a device to play back the sound. This can either be the TV system, a preamplifier and power amplifier or a digital to analogue converter and then a preamp and power amp.

Digital audio outputs

To use either the optical or the coaxial digital output you will require a D to A converter. This ideally would be the Musical Fidelity HTP (Home Theatre Processor). The DVD-1's digital outputs will provide normal 2 channel PCM, Dolby Digital or DTS digitally encoded bitstreams. On some DVD discs the required type of digital output has to be selected using the disc's menu system.

Also ensure that the DVD-1 set-up has the digital output enabled. (see page 13 for the DVD-1 set-up options)

If both coaxial and optical connections are available, Musical Fidelity recommend using the coaxial output for slightly better sound quality.

Connect the coaxial output from the DVD player to the coaxial digital input on the D to A unit using a phono cable suitable for use with digital audio signals.

Alternatively connect the optical output from the DVD-1 to the optical digital input on the D to A unit using a TosLink optical cable.

Analogue audio outputs

The DVD-1 has analogue audio outputs via the RCA sockets (phono sockets/cinch sockets, one for left one for right.) and the SCART connector. Connect these to any line level input on your preamplifier.

BASIC OPERATION

REMOTE CONTROL

The remote control enables you to activate the main functions of the DVD player from the comfort of your armchair. Several of the functions described in this manual are only available on the remote handset. Identical inscriptions on the remote control and DVD player denote identical functions. The following should be noted when operating the player using the remote control.

- Point the remote control (transmitter) towards the display on the player.
- Each press of a remote control button should be indicated in the top left corner of the front panel display by a flashing icon.
- Visual contact must exist between the transmitter and receiver.
- If the range of the remote control decreases dramatically, replace the batteries with new ones.

MOISTURE

If the unit is exposed to extreme temperature fluctuations, moisture can form inside. Condensation can form on the lens and on other parts inside the unit. If the DVD player is operated under these conditions, the laser beam may not be able to read the disc. In this case you should remove the disc, close the disc compartment and leave the unit switched on for an hour or so. This will allow sufficient time for the moisture to evaporate and you will then be able to use your DVD player again.

SWITCHING ON

The mains switch is situated at the back of the unit. The unit is designed to be left switched on at all times. We do however recommend switching the unit off, with this switch, if the DVD is not going to be used for a long time i.e. 2-3 weeks.

To turn the unit on press the button under the STBY/ON LEDs. The blue LED and the front panel display should light.

If the orange LED is lit on the front panel the unit is in standby mode. Press the red standby button on the remote control and the unit will turn on. The blue LED on the front panel will light and the display will illuminate. If the unit is on, press either the standby button on the remote and the unit will switch back into standby or the front panel button to switch the unit off. If the unit is turned off all LEDs will go out.

LOADING DISCS

Press OPEN/CLOSE on the front panel to open the disc tray. Place the disc in the tray label facing up, (if the disc has a label) press either PLAY or OPEN/CLOSE and the tray will close and the disc will start loading.

To open and close the tray using the remote control press and hold the STOP  button for approx. 3 to 4 seconds. The play button on the remote control will also close an open tray

PLAYING DISCS CDs or DVDs

Many DVDs have a menu function at the start of the disc. To play the movie select the appropriate function using the orange cursor buttons on the remote control.

Pressing the PLAY button on the front panel or remote control will start  CDs and non-menu DVDs playing.

BASIC OPERATION

PAUSING PLAYBACK

Pressing the PAUSE button on the front  panel or remote will pause the playback. To restart playback press PLAY.

STOPPING PLAYBACK

Pressing the STOP button on the front  panel or remote will stop the playback.

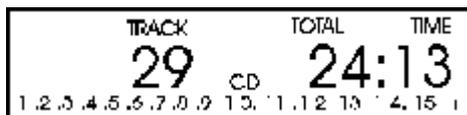
To resume from the point where the movie was stopped press PLAY twice.

The resume feature also applies to the last 4 discs you have played. Simply insert the disc press PLAY if autoplay is off. When  you see the RESUME icon on the screen press PLAY again.

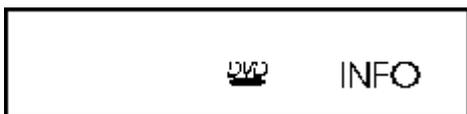
FRONT PANEL DISPLAY

The front panel display gives shows useful information concerning the operation of the DVD player.

When a disc is first read the display will advise on the type of disc that has been loaded.



The example above indicates that there is a CD disc in the player, it has 29 tracks and the total playing time is 24 minutes and 13 seconds.



The example above indicates that there is a DVD disc in the player. The INFO indicates that this has a menu function that needs to be selected before the disc will start playing. Pressing PLAY will normally start the playback.

PLAYING CDs

Depending on the SETUP menu settings the DVD-1 will automatically start playing a CD about after 3-4 seconds and information about the disc will be displayed on the front panel display and the TV screen.

On the front panel display the first digit indicates the number of the currently playing track and the final digits indicate the elapsed playing time for the current track

The small row of numbers on the bottom line indicate the next tracks to be played. If FTS (Favourite Track Selection) is active the TV screen will look slightly different. See pages 16 & 17 for more information.

If a CD is loaded and the auto start function not enabled, the display and screen will indicate the number of tracks on the disc and the total playing time. When all tracks on the CD have been played, playback stops and this indication appears on the display and screen.

Use the PLAY, PAUSE and STOP buttons as previously described for operating the player with a CD loaded.

PLAYING DVDs

As previously mentioned some DVDs have a menu at the beginning of the disc. This should be used to select the required function. Use the orange cursor keys and the OK button to navigate the menu.

Some of functions normally found on the DVD menu are as follows:-

Language selection, Subtitles selection, a choice whether to play the film or watch trailers and digital soundtrack selection.

At the start of some DVDs there are small advertisements and notices that disable any other functions while they finish playing.

SETUP MENU

SETUP BUTTON

The setup button on the remote control is only active when the DVD is in STOP mode.

Press the button to access the setup menu.

The screen will display 2 columns, the left column shows the functions and right shows the setting.

Use the UP and DOWN keys to select the option you want to change then use the LEFT and RIGHT buttons to select the different settings.

When you have completed the changes press the SETUP button again to store the changes and exit the SETUP mode.

AUDIO

Select the required audio language.

SUBTITLE

Keep pressing the subtitle button to select the required subtitle language. To turn off the subtitles press and hold the button until off is displayed on the screen.

PARENTAL CONTROL

If parental control has been activated only DVDs or Video CDs that have already been authorised can be played.

To play other DVDs or Video CDs you will be required to enter the parental control PIN number.

To activate parental control select the option press the right arrow key. You will then be asked to enter your chosen number. You will then be asked to repeat the same number. The parental control is now set. Each time you want to play a DVD or VCD you will be required to enter the PIN

number. (Parental control does not affect audio CD playing).

To cancel parental control, enter setup, select parental control and enter your PIN number. Parental control is now cancelled.

Note, if you forget your parental control PIN number, you can erase it by pressing STOP button 4 times when the PIN number is requested. Parental control is now de-activated. Do not forget to re-activate to prevent un-suitable discs being played.

Whilst parental control is active it is possible to authorise any disc that you consider suitable.

To authorise a new disc follow the instructions below.

- 1) Insert the disc and close the tray
- 2) Enter the pin code
- 3) Press STOP on the remote 
- 4) Wait for the options to be displayed on the screen.
- 5) Select parental control by  pressing right arrow key
- 6) The disc is now authorised and will play in the normal way.

To cancel authorisation repeat steps 4 and 5

Please note, you can have a total of 50 authorised discs. If you exceed that number the least frequently played discs are automatically de-authorised.

TV SHAPE

Use this setting to match the type of TV you have and your preferred display shape.

4:3 Letterbox:- Use this setting for conventional TVs. You will now have a black bar at the top and the bottom of the screen when watching wide screen movies.

4:3 Panscan:- Use this setting for conventional TVs. and viewing in Pan & SCAN format. Now when watching wide screen movies the side of the picture will be reduced. Please note to use Pan & Scan the DVD disc must support this.

16:9 :- Use this setting if you have a wide screen TV. If the DVD disc is now in 16:9 the picture will fill the screen.

Auto Play

This can be set to either ON or OFF and simply sets whether the players starts playing a CD as soon as it is loaded. Set it to OFF if you prefer to press PLAY to start the disc playing.

Auto FTS (Favourite Track Selection)

This can be set to either ON or OFF. When ON it activates the automatic favourite track selection facility. See pages 16 & 17 for a detailed explanation

Digital Output

Use this option to select which digital outputs you require. Please note it is possible to disable the digital output. This output must be enabled for any external digital decoders to work.

Sound

Select between Dolby Surround, 3D and Stereo. If you only have 2 speakers you can enjoy multichannel sound by selecting 3D.

3D TruSurround™ is a virtualizer technology that allows for a virtualized surround sound experience from a two speaker playback using any multichannel audio source, including Dolby Digital, Dolby Surround or Dolby Pro Logic. TruSurround retains all of the original audio information of the multi-channel audio source giving the listener the sensory perception that they are surrounded by additional "phantom" speakers. This completely immersive sound experience is achieved through only two standard stereo speakers.

Video Shift

Use this setting to adjust the left/right position of the picture on your TV screen.

OSD Language

Choose the language that best suites your requirements.

BASIC OPERATION CDs

TRACK SELECTION

To change track, the NEXT and PREV.(on the front panel) can be briefly pressed to jump forwards or backwards one track in either direction.



Pressing either of these buttons on the remote control has the same action as using the NEXT and



PREV. buttons on the front panel.

Alternatively, you can select a specific track by directly entering a track number (using the numeric push-buttons on the remote control) For example to select track 2 you would press 2 the player will then start playing track 2

To play track 15 just press 1 and 5 and the player will start playing track 15.

SEARCH

To search forwards or backwards through a disc at 4X the normal speed press and hold (for approx 1 second) the NEXT or PREV button.

Search will now begin and the sound will be partially muted.

To step up to 8X normal speed briefly press NEXT or PREV again.

Search will now begin at 8X normal speed and the sound will be muted.

To revert to 4X normal speed press either button again.

When using either the remote control or front panel to fast forward through a track press PLAY to resume at normal speed, PAUSE or STOP will also end the search.

SPECIAL FEATURES WHEN PLAYING CDs

REPEAT /A-B BUTTON

The REPEAT/A-B button allows you to repeat either, the current track the complete disc or a piece within a track selected by the A-B function.

A-B PLAYBACK

Continuous play provides you with the option of playing just a certain section of the track over and over again.

When you reach the desired starting point, press button A/B. The front panel display will show the symbol A- in the middle of the top line, this will also be indicated on the screen.

When you reach the desired finishing part, press the A-B button again. The letters A-B will now be illuminated in the display and indicated on the screen. Now the selection you have chosen will be repeated until the continuous play is switched off by pressing button A-B again or by pressing buttons STOP or SHUFFLE.

REPEAT TRACK

By pressing and **holding** the REPEAT button once, you can repeat the entire track over and over again. The legend REPEAT TRACK appears on the display and the REPEAT 1 icon is shown on the screen.

REPEAT DISC

By pressing and **holding** the REPEAT button again, you can select to repeat the entire disc over and over again. The legend REPEAT appears on the display and the REPEAT icon is shown on the screen.

Press and hold the REPEAT button again to cancel all repeats. Pressing STOP will also cancel the repeat function selected.

SHUFFLE BUTTON

If SHUFFLE is pressed the tracks on the discs are not played in consecutive order but in random order. The word SHUFFLE appears on the display to provide a visual reminder that the SHUFFLE function has been activated.

The tracks in random order are also displayed on the screen along with the words SHUFFLE.

To cancel shuffle mode press SHUFFLE again.

SCAN

Press and hold the SCAN button (for approx 1 second) to play the first 10 seconds of each track on the disc. When the desired place has been found press and hold SCAN again and the player will continue playing normally.

FTS (Favourite Track Selection)

Once a CD has been loaded (and stopped if it started playing) on the lower half of the TV screen there will be two boxes. One called 'Exclude Tracks', the other 'Track Selection'.

EXCLUDE TRACKS

To select the tracks that are not played (Exclude tracks) press the orange LEFT cursor key. The screen will change. You now have the complete track list along the top in the PLAY list and a row below where the excluded track numbers will appear. Move the arrow along the track list using the left and right arrow keys. When the track you want to exclude from the play list is between the arrows, press the orange DOWN button. This puts that track number to the second row and indicates that this track will not be played. If you change your mind move the the cursor to

SPECIAL FEATURES WHEN PLAYING CDs

the track you now want to play and press the UP arrow button. The track number is then put back into the Play list. When you have finished excluding all the tracks you do not want played press PLAY. As the DVD starts playing, FTS is illuminated on the front panel display to remind you that FTS is operating.

TRACK SELECTION

To activate track selection the DVD player must be in STOP mode.

To select the tracks that are played press the orange RIGHT cursor key. The screen will change. You now have the complete track list along the middle of the screen called Disc. Move the arrow along the track list using the left and right arrow keys. Select the track you want to move to the favourite list (above the disc list) press the orange UP button. This puts that track number to the Favourite row and indicates that this track will be played. If you change your mind move the the cursor to the track you now want to change and press the DOWN arrow button. The track number is then put back into the Play list. When you have finished listing all the tracks you want to play press PLAY. As the DVD starts playing, FTS is illuminated on the front panel display to remind you that FTS is operating.

The selection made using TRACK SELECTION or EXCLUDE is remembered until it is changed or cleared. Each time you play the same CD and select FTS your original selection will still be active.

If you load a disc that previously had a selection made and just press PLAY or have auto start active the FTS selection will be ignored.

AUTO FTS

If auto FTS is set to ON then the FTS selection made will be remembered and activated automatically every time that particular disc is played. To remind you that you have FTS selected the front panel display has FTS illuminated.

Please note, you can have a total of 100 FTS programmed discs. If you exceed that number the least frequently played discs are automatically deleted.

SPECIAL FEATURES WHEN PLAYING DVDs

TITLES and CHAPTERS

DVD's are divided into different sections. These are called Titles and Chapters. Most DVD movies will have one title which is the main movie. The title is then split into different chapters.

Whilst a DVD is playing, pressing and releasing the NEXT or PREV. buttons on the front panel will increment or decrement the chapter currently being played.

If the button is pressed and held down, the DVD player will scan through the movie.

Pressing either of these buttons on the  remote control has the same action as the NEXT or PREV. buttons on  the front panel .

When using either set of buttons to scan through the film press PLAY to resume at normal speed.

Pressing the button shown below (slow)  plays the movie at 1/2 speed. Pressing again reduces the speed to 1/4 and again to 1/8 speed.

To revert to normal playback speed press PLAY

Pressing this button on the remote during movie playback will scan backwards  through the film at 4 times the normal speed. Pressing again scans backwards even faster.

To return to normal playback press PLAY

Pressing this button on the remote during movie playback will scan forwards  through the film at 4 times the normal speed. Pressing again scans forwards even faster.

To return to normal playback press PLAY

Pressing the orange arrow up button during  playback pauses the playback.

To resume normal playback press PLAY

Pressing the orange arrow down button  during playback plays the movie at 1/2 speed. Pressing again reduces the speed to 1/4 and again to 1/8 speed. (This is the same as pressing the slow button)

To resume normal playback press PLAY

STILL PICTURE & FRAME STEP

Pressing the PAUSE button on the front  panel or remote will pause the playback and give a still frame. To step forward to the next picture frame press PAUSE again.

To restart playback press PLAY.

T-C Button

T-C stands for Title and Chapter. Pressing the T-C button once shows, on the screen, the current title being played. Pressing it again (whilst the title number is still displayed) indicates the current chapter within that title.

Titles and Chapters can be selected using this button and the numeric keys on the remote control. To select title 3, press the T-C button once, press number 3 then press OK

To select chapter 23 in Title 1, start playing Title 1, press the T-C twice press number 23 then OK.

SPECIAL FEATURES WHEN PLAYING DVDs

REPEAT /A-B BUTTON

The REPEAT/A-B button allows you to repeat either the current chapter, the current title or a piece of a movie selected by the A-B function.

A-B PLAYBACK

Continuous play provides you with the option of playing just a certain section of the movie over and over again.

When you reach the desired starting point, press button A/B. The front panel display will show the symbol A- in the middle of the top line, this will also be indicated on the screen.

When you reach the desired finishing part, press the A-B button again. The letters A-B will now be illuminated in the display and indicated on the screen. Now the selection you have chosen will be repeated until the continuous play is switched off by pressing button A-B again or by pressing buttons STOP or SHUFFLE.

REPEAT CHAPTER

By pressing and **holding** the REPEAT button once, you can repeat the entire chapter over and over again. The legend REPEAT CHAPTER appears on the display and the REPEAT C icon is briefly shown on the screen.

REPEAT TITLE

By pressing and **holding** the REPEAT button again, you can select the repeat entire title over and over again. The legend REPEAT TITLE appears on the display and the REPEAT T icon is briefly shown on the screen.

REPEAT DISC

By pressing and **holding** the REPEAT but-

ton again, you can select to repeat the entire title disc over and over again. The legend REPEAT appears on the display and the REPEAT icon is briefly shown on the screen.

Press and hold the REPEAT button again to cancel all repeats. Pressing STOP will also cancel the repeat function selected.

SHUFFLE BUTTON

If SHUFFLE is pressed the chapters on the discs are not played in consecutive order but in random order. The word SHUFFLE appears on the display to provide a visual reminder that the SHUFFLE function has been activated.

SCAN

Press and hold the SCAN button to play the first 10 seconds of each chapter in the current title.

ANGLE BUTTON

Some DVDs have been recorded using more than one camera from different angles. If the disc you are watching has this facility pressing the ANGLE button will change to different camera angles.

SUBTITLE BUTTON

Many modern DVDs have a selection of different subtitles recorded on them. You can select these subtitles by pressing the SUBTITLE button. Keep pressing the button until the desired subtitle language is displayed.

To clear the subtitles press and hold the SUBTITLE button

Some discs do not have different subtitles recorded on them in which case the subtitle no icon appears on the screen when the button is pressed.



SPECIAL FEATURES WHEN PLAYING DVDs

AUDIO BUTTON

This changes the language and the audio channel configuration when alternatives are available on the disc.

Pressing the AUDIO button during play will display the language and channel configuration on the screen for approx 2 seconds.

To step through the different language and channel options keep pressing the audio button until the desired setup is displayed.

OSD

During playback various different icons will appear on the screen to indicate which function is active. These will be displayed for approximately 2 seconds and then disappear.

At any time during playback, pressing the OSD button will display the PLAY BANNER on the screen. This gives information about the title, chapter, language etc.

To keep the banner on the screen press and hold the button for approx 2 seconds. To clear the banner press the OSD button again.

	* * * * *	Play	
	* * * * *	Pause	
	* * * * *	Stop	
	* * * * *	A-B repeat	
		* * * * * Search Forward	
		* * * * * Search Backwards	
			Slow Forward
	* * * * *	Repeat Disc	
	* * * * *	Repeat Title	
	* * * * *	Repeat Chapter	
	* * * * *	Chapter Shuffle	
	* * * * *	Title Indication	
	* * * * *	Chapter Indication	
	* * * * *	Disable Function	
	* * * * *	Angle	
	* * * * *	No Alternative Angle	
	* * * * *	Subtitle language	
	* * * * *	Audio language	
	* * * * *	Audio System	
	* * * * *	Remaining time of title	
	* * * * *	Elapsed time	
	* * * * *	Resume	
	* * * * *	Total time	

TROUBLESHOOTING

Basic troubleshooting of a DVD player is similar to troubleshooting of any other electrical or electronic equipment. Always check the most obvious possible causes first. To give you a few ideas of what to look for, check the following:

Front Panel display does not light.

- | | |
|-------------------------------|--|
| 1) Power cord disconnected, | 1) Re-connect |
| 2) Mains switch switched off, | 2) Switch on switch on back panel |
| 3) On/Off switch not on | 3) Switch on using switch on front panel |

Blue on LED does not light.

- | | |
|----------------------------|--|
| 1) Unit not turned on | 1) Switch on using standby button |
| 2) HTP requires resetting, | 2) Switch off the mains, wait 1 minute and then switch back on |

No sound

- | | |
|-------------------------------------|--|
| 1) DVD analogue not connected | 1) Connect R&L analogue outputs to line level input on a pre amp etc |
| 2) DVD digital output not connected | 2) Connect optical or coax digital output to a D to A converter. |

No Video

- | | |
|--------------------------------------|---|
| 1) Display device (TV) not connected | 1) Connect TV to the correct DVD video output |
| 2) Display device not switched on | 2) Switch on TV |

No colour

- | | |
|--|---|
| 1) DVD video output not compatible with TV | 1) Ensure that if composite video output is used composite input is used on the TV. |
| | 2) If S-Video out used on DVD player, S-Video I/P must be used on TV |

Poor Picture quality

- | | |
|--|--|
| 1) Incorrect input type selected on TV | 1) Select correct input and type of input on TV. |
|--|--|

Musical Fidelity picture not steady on screen ('jerky')

- | | |
|--|---|
| 1) TV & DVD not using the same TV system (PAL/NTSC see page 7) | 1) Contact your Musical Fidelity dealer for assistance. |
|--|---|

PIN number requested when trying to play DVDs

- | | |
|-------------------------------|--|
| 1) Parental control is active | 1) Either enter the correct PIN number to play the disc or cancel parental control using setup menu. see page 12 |
|-------------------------------|--|

Disc does not play

- | | |
|-------------------------------|--|
| 1) Wrong region disc inserted | 1) Only use discs for your region, (see back panel for DVD region setting) |
| 2) Disc is damaged or dirty | 2) Check disc for dirt or damage |

Can not enter setup menu

- | | |
|--------------------|---|
| 1) DVD disc loaded | 1) Remove the DVD then enter setup menu |
|--------------------|---|

Remote control does not function correctly

- | | |
|---|--|
| 1) Operating range of remote control has reduced range or does not work | 1) Change batteries, or remote control not pointed at DVD front panel display. |
|---|--|

Remember: the most vulnerable part of a CD/DVD playing system is the disc itself. The most likely cause of a non-playing disc is that the disc itself is faulty, scratched or simply dirty.

If none of these actions effect a cure, please contact your dealer, or an authorised Musical Fidelity service agent.

Remember, never open the case of the DVD-1 yourself, as this will invalidate the guarantee.

DVD-1

24 BIT CD and DVD PLAYER

Audio Out

Analogue connections	Right and Left out via RCA (Cinch/phono plugs) Right and Left out via SCART connector
Output level	2.2V RMS at 0dB
Frequency response	20Hz - 20KHz + 0.2 -1.0dB
S/N ratio	> 96dB unweighted > 105dB 'A' weighted
THD	< 0.006% 10Hz - 20KHz unweighted < 0.003% 10Hz - 20KHz 'A' weighted

Digital Audio Out

Digital Audio Connections	Coaxial via black RCA (Cinch/phono plug) Optical via TosLink
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TV Standard

	<u>PAL</u>	<u>NTSC</u>
Number of lines	50Hz 625	60Hz 525
Playback	Multistandard (PAL/NTSC)	
Musical Fidelity Picture	PAL/NTSC (preset at factory)	

Video Out

Video Connections	Composite via yellow RCA (Cinch/phono plug) S-Video out via S-Video 4 pin mini DIN Composite video out via SCART connector RGB via SCART connector
Video output level (Composite)	1Vpp
Video output level (S-Video)	Y = 1Vpp C = 0.3Vpp
Video output level (RGB)	0.7Vpp
Video output impedance (Composite)	75R
Video output impedance (S-Video)	Y = 75R C = 75R
Video output impedance (RGB)	75R

General

Power requirements	100/115/230V AC 50/60Hz Factory preset for country
Power consumption	operating 25 Watts standby less than 5 Watts
Dimensions (approx..)	440 x 95 x 400 mm (W x H x D) Height includes feet Depth includes terminals
Weight	6kg (un-boxed)
Standard accessories	AC power cord, Remote control handset, 2 batteries (SUM-4, AAA, LR03)



Musical Fidelity reserves the right to make improvements which may result in specification or feature changes without notice.

CORRECTION

Model DVD-1 Instructions For Use

Page 21

There is no “Remaining time of title” icon available on this model:



CORRECTION

Model DVD-1 Instructions For Use

Page 21

There is no “Remaining time of title” icon available on this model:

