

Nuvista 3D CD

24 BIT COMPACT DISC PLAYER WITH CD TEXT DISPLAY

INSTRUCTIONS FOR USE

*Thank you for purchasing the Musical Fidelity
Nuvista 3D CD 24 bit CD Player.
Used properly and carefully, it should give you many
years of outstanding musical reproduction.*

*The Nuvista 3D CD uses the latest 24 Bit DAC technology and
jitter reduction techniques to achieve both an excellent
technical specification and unparalleled sound quality.*

*Aesthetically, the Nuvista 3D CD is a perfect match for the
Nuvista M3 integrated amplifier.
Together these components form one of the finest
hi-fi systems available.*

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

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



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 remove the fuse holder and dispose of the plug safely, out of reach of children. ***It must not be plugged into a mains outlet.***

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 13 amp fuse must be used.

WARNING - Radio Frequency Interference (RFI)

This audio product has been tested to ensure that its operation is not adversely affected by normal background levels of RFI. However, if subjected to abnormally high levels of RFI, it may not perform as expected. In the unlikely event of this happening on a regular basis, please contact Musical Fidelity's service department.

It has also been designed not to radiate excessive levels of RFI that could affect other electronic or electrical equipment.

The electronics in modern hi-fi equipment is complex and may be adversely affected or damaged by lightning. For complete protection of your audio system during electrical 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 meet 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 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 radio frequency energy, and if not installed and used in accordance with the instructions, may cause 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:

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

WARNING - THIS CD 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 :	Sony Corporation
	Mechanism type :	CDM14BL-5BD25
	Pick-up type :	KSS-213BA/F-NP
	Wavelength :	760-800 nm

SAFETY INFORMATION

CLASS 1 LASER PRODUCT

This CD 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 observe the following important warnings:

CAUTION !

- **THIS CD PLAYER USES 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

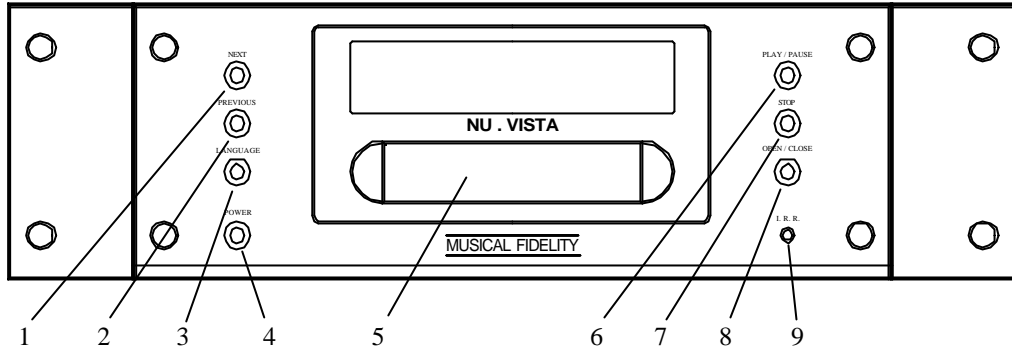
CLASS 1 LASER PRODUCT

The front panel of the NuVista 3D Laser Disc Player features the following controls and labels from left to right: a 'RIGHT AUDIO OUTPUT' jack, a 'LEFT AUDIO OUTPUT' jack, a 'DIGITAL OUTPUT OPTICAL' port, and a 'DIGITAL OUTPUT COAXIAL' port. The central area contains the 'NU·VISTA 3D' branding and 'LASER DISC PLAYER' text. A 'CLASS 1 LASER PRODUCT' label is positioned below the branding. To the right, there are fields for 'SERIAL NUMBER' and 'DATE OF MANUFACTURE', a CE mark, and a 'POWER CONSUMPTION 25W' label. A 'CAUTION' label is also present on the left side of the panel.

CAUTION -	INVISIBLE LASER RADIATION WHEN OPEN AND INTERLOCKS DEFEATED. AVOID EXPOSURE TO BEAM.
VORSICHT! -	UNSICHTBARE LASERSTRAHLUNG TRITT AUS, WENN DECKEL GEÖFFNET UND WENN SICHERHEITVERRIEGELUNG ÜBERBRÜCKT IST. NICHT DEM STRAHL AUSSETZEN!
VARNING -	ÖSYNLIG LASERSTRÄLNING NÄR DENNA DEL ÄR ÖPPNAD OCH SPÄRR ÄR URKOPPLAD. STRÄLEN ÄR FARLIG.
ADVARSEL -	USYNLIG LASERSTRÄLING VED ÅBNING. NÄR SIKKERHEDSAFBRYDERE ER UDE AF FUNKTION. UNDGA UDSÆTTELSE FOR STRÄLING.
VAROITUS! -	SUOJAKOTILOA EI SAA AVATA. LAITE SISÄLTÄÄ LASERDIODIN, JOKA LÄHETTÄÄ (NÄKYMÄTÖNTÄ) SILMILLE VAARALLISTA LASERSÄTEILYÄ.

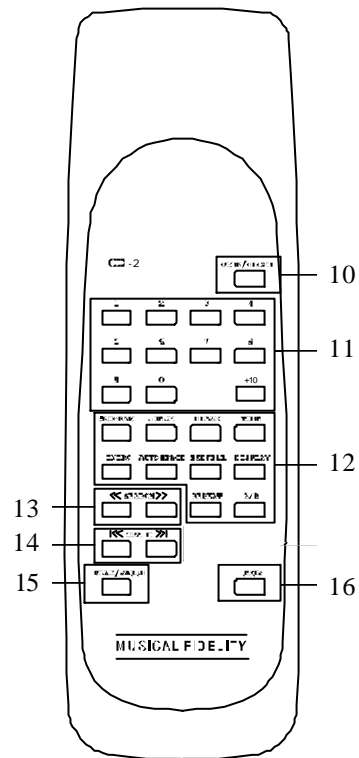
FITTED INTERNALLY TO TOP OF MECHANISM

FACILITIES AND CONNECTIONS

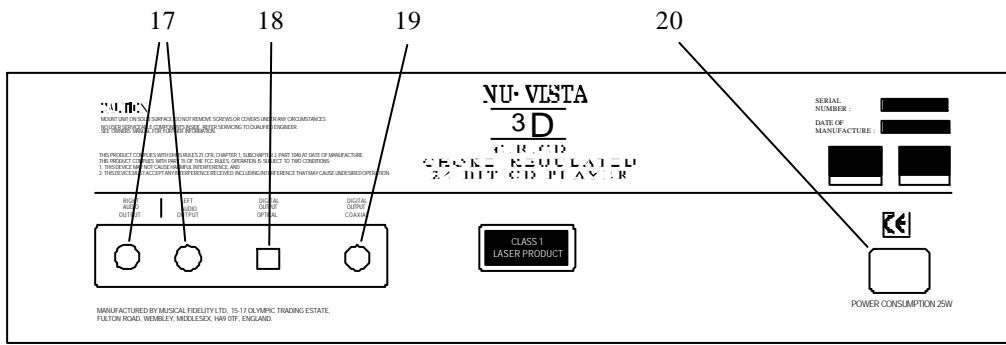


FRONT PANEL	
1	NEXT - skip forward track selector
2	PREVIOUS - skip back track selector
3	LANGUAGE - display language (see page 14)
4	POWER - mains on/off switch
5	CD transport loading drawer
6	PLAY/PAUSE - to start disc playback, pause, or resume playback
7	STOP - to stop disc playback
8	OPEN/CLOSE - to open or close disc drawer
9	Infra-Red Receiver - remote control sensor window

REMOTE CONTROL	
10	OPEN/CLOSE disc drawer
11	Direct track access buttons
12	Special function buttons (see pages 10 to 14)
13	SEARCH buttons to scan forwards or backwards
14	TRACK back/forward buttons
15	PLAY/PAUSE to start, pause or resume playback
16	STOP to stop playback



REAR PANEL	
17	AUDIO OUTPUTS - right and left
18	DIGITAL OUTPUT - optical
19	DIGITAL OUTPUT - co-axial
20	IEC type mains inlet



INSTALLATION PRECAUTIONS and USER INFORMATION

Your new Nuvista 3D CD is designed and built to provide trouble-free performance, but as with all electronic devices it is necessary to observe a few precautions.

Heed all warnings on the back of the unit.

Only connect the Nuvista 3D CD to a mains outlet of the same voltage as marked on the back of the unit.

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

Do not use the player near water, or place containers filled with water on top, for example flower vases or potted plants.

If water or other liquid does enter the CD player, immediately pull out the mains plug from the wall socket, and inform your dealer, who should then check the unit before use.

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

Do not remove any covers or try to gain access to the inside. There are no user adjustments within. Refer all service work to an authorised Musical Fidelity agent.

IMPORTANT!

Unauthorised opening of the equipment will invalidate any warranty claim.

There are fuses in the Nuvista 3D CD. In the unlikely event that one blows, take the unit to your audio dealer. Do NOT try to replace the fuse yourself or you will invalidate the warranty.

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

The remote control enables you to activate most functions of the CD player from the comfort of your armchair. Several of the features described in this manual are only available on the remote handset. Identical inscriptions on the remote control and CD player denote the same functions. The remote control system uses an invisible infra-red light beam. Therefore the transmitter must be pointed directly towards the receiver window on the player - visual contact must exist between them. If the range of the remote control greatly decreases, replace the batteries with new ones. Do not mix old and new batteries.

Before Switching on the Nuvista 3D CD

Please read carefully the instructions on the following pages. Although the functional arrangement of the controls makes the CD player easy to operate, you should study these instructions to get the best from your equipment.

INSTALLATION

INTRODUCTION

Congratulations on your purchase of a Nuvista 3D CD player. The Nuvista 3D CD uses the very latest up-sampling 24 bit DAC technology with leading edge circuit and layout topologies. Extensive use of Musical Fidelity's choke regulation power supply configuration has ensured that both technical and musical performance is unprecedented in any CD player.

In contrast to all other CD players on the market, the Nu-Vista 3D's use of innovative circuitry, power supply and up-sampling technology results in removal of all digital artifacts, distortion, phase shifts and spurious noise from the audio band, allowing unprecedented performance levels from "ordinary" CDs. The Nu-Vista will give all your CDs a new lease of life, and reveal a previously unguessed-at level of detail and ambient retrieval.

The design process of the Nu-Vista 3D CD has been a passionate, committed labour of love. We sincerely hope that it brings you immense musical pleasure and insight.

INSTALLATION

Place your CD player on a stable, horizontal surface where there is no risk of it being knocked, or subjected to vibration such as from loudspeakers.

Protect your CD player from humidity - if it is moved from a cold place to a warm room, moisture can form on the pickup lens inside the player, preventing the laser beam from reading the disc. In this case remove the CD, close the disc compartment, and leave the unit switched on for an hour or so to allow time for the moisture to evaporate.

CLEANING

Before cleaning the CD player always turn off the power at the 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 the use of any solvents, white spirit, thinners, etc. as they could damage the surface finish of the unit.

AUDIO CONNECTION

The CD player should be connected to an amplifier input by cables with RCA/phono type plugs. These link the left and right AUDIO OUTPUT sockets on the rear panel of the CD player to the CD or auxiliary input sockets on the amplifier. Do not use any sockets on the amplifier intended for "vinyl" phono cartridge input, as the sensitive circuit will overload, producing a severely distorted sound. Alternatively, you can use the DIGITAL OUTPUTS (coaxial or optical) for connection to an external digital-to-analogue converter or digital amplifier.

NOTES ON USING COMPACT 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 CDs 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 solvents to clean your compact discs, such as benzene, thinners, commercially available cleaners or anti-static spray intended for analogue discs. After playing, always return the disc to its case for storage.

BASIC OPERATION

LOADING AND PLAYING COMPACT DISCS

After switching on the Nuvista 3D CD player with a disc loaded, it will automatically search for the disc and begin playing from the first track.

However, if no disc is loaded, after approximately 3 or 4 seconds the unit will display the following:



To play a disc, press the **OPEN/CLOSE** button to open the transport drawer. When the drawer is fully extended, insert the required disc with the label facing upwards and then press either the **OPEN/CLOSE** or **PLAY/PAUSE** button to close the transport drawer again.

If **OPEN/CLOSE** is pressed, the disc drawer closes and the CD player scans the contents of the disc. After a short delay, the display window then shows for approximately 4 seconds the total number of tracks available on the CD, and total playing time, for example:

TRACK	INDEX	MIN	SEC	1	2	3	4
4		33.	57				

Display time **0** on the left then replaces the temporary track and time information, indicating that a disc is loaded but not yet playing.

The “calendar” grid pattern at the right-hand end of the display also confirms tracks available for playing (four in this example), but remains displayed.

If **PLAY/PAUSE** is pressed, the CD player will go into play mode, an arrow confirming playback will appear on the left, and the current track and index point will be displayed similar to the following example:

TRACK	INDEX	MIN	SEC	1	2	3	4
1	1	23.	45				
▶							

The calendar grid shows playback progress of the first 20 tracks only.

When all tracks on the CD have been played, playback stops and the display again reverts to:

TRACK	INDEX	MIN	SEC	1	2	3	4
0							

INDEX POINTS

Some CDs contain index points within a track to separate a musical piece into different movements. If used, these index point numbers (one or two digits, up to 99) will appear in the display under the **INDEX** graphic. Otherwise, index number 1 will be displayed.

PLAY/PAUSE

Pressing the **PLAY/PAUSE** button whilst a disc is playing pauses playback of the disc. A pause symbol (**||**) appears in the display window next to the play arrow.

The disc will continue spinning but the track does not advance and the Nuvista 3D CD's output is muted.

Pressing **PLAY/PAUSE** again resumes playback from the same place.

BASIC OPERATION

STOP

Playback can be stopped at any time by pressing the **STOP** button once.

TRACK SELECTION

To change track, the track skip buttons **NEXT** and **PREVIOUS** can be pressed to jump forwards or backwards one track in either direction. Note that a single press of the **PREVIOUS** button restarts playback at the beginning of the current track. A double-press is needed to jump back to the previous track. Corresponding **TRACK** buttons on the remote control are also marked [**<<** and **>>**]. If either button is held down, the Nuvista 3D CD will quickly step through the available tracks in the required direction.

TRACK SELECTION (Remote control)

A specific track can be selected directly by pressing the required track number button on the remote control. The chosen track then plays immediately.

To play a track number with two digits, press the **10+** button on the remote control followed by the first digit, then the second digit. For example, to obtain track 27, press **10+** , then **2**, then **7**.

SEARCH

The **SEARCH** buttons can be used to fast-forward or fast-rewind during playback in a similar way to a video or tape cassette player. This permits location of particular passages at high speed with the audio playback of the CD still active.

Pressing the forward-search button (**>>**) fast winds forwards whilst the search backwards button (**<<**) fast winds backwards. As the unit searches through a track, the

track time remaining display (far right digits) will be seen to advance rapidly in the required direction. For both directions the unit will return to normal playback when the button is released.

DISPLAYING PLAYBACK TIME

There are three playback time display modes accessed progressively by pushing the **TIME** button on the remote control. The default mode (e.g. after switch on) shown below indicates the elapsed time for the currently playing track. (2 minutes 1 second in this example):

TRACK	INDEX	MIN	SEC
4	1	2.	01

Pushing the **TIME** button once changes the display to show the remaining time for the current track (4 minutes 29 seconds in this example):

TRACK	INDEX	MIN	SEC
4	1	-4.	29

Pushing the **TIME** button again changes the display to show the remaining time for the whole disc (58 mins 12 secs) below:

MIN	SEC
-58.	12

(Note: Track and Index displays are not shown in this mode).

A third press of the **TIME** button will now bring the display back to the original (elapsed track time) mode.

SPECIAL FEATURES

REPEAT PLAYBACK

The **REPEAT** button on the remote control allows the repeated playback of either one track or all tracks on the disc.

By pressing the **REPEAT** button once, you can repeat the entire disc (or the programmed selections - see page 11) over and over again. Large letters **REPEAT** briefly replace track, index and time information followed by a smaller, permanent **REPEAT** legend underneath.

If the **REPEAT** button is pressed a second time, only the current track is repeated. Large letters **REPEAT 1** briefly replace track, index and time information followed by a **REPEAT 1** legend underneath.

Pressing **REPEAT** a third time cancels repeat mode. Graphics **REPEAT OFF** then briefly replace track, index and time information before reverting to a normal disc play display.

A-B REPEAT PLAYBACK

“A-B repeat” provides the option of playing just a certain section of the disc over and over again.

Find the beginning of the required section either by listening, or using the display time as a guide. When the desired starting point is reached, press button **A/B** on the remote control. The display will show **REPEAT** and the flashing letter **A**.

When the disc has reached the end of the required section, press the **A-B** button again. Letters **A-B** will now be illuminated in the display, and the unit continuously plays the selected part of the disc.

To cancel A-B repeat mode, press **REPEAT** on the remote control. Graphics **REPEAT OFF** then briefly replace track, index and time information in the display.

SHUFFLE PLAYBACK

The **SHUFFLE** feature allows tracks on the discs to be played in random sequence rather than the normal consecutive order. Tracks are also played in a different order each time the disc is restarted, or another disc loaded.

This function is obtained by pressing **SHUFFLE** on the remote control with the unit either stopped or playing.

If playing, the word **SHUFFLE** in large letters briefly replaces track, index and time display information, before a permanent red indication provides a reminder that the function has been activated.

From stop mode, pressing **PLAY/PAUSE** also begins shuffle play.

If the Nuvista 3D CD is already playing, play will continue until either the current track has finished, or either the track **>>|** button on the remote control or **NEXT** on the unit is pressed. Shuffle play is then further confirmed by the track number display digits briefly changing into segments revolving in a box formation.

If the **SHUFFLE** button is now pressed for a second time, the word **CONTINUE** briefly replaces track, index and time display information. The unit then resumes normal play function, except that it now only plays previously unplayed tracks of the current disc, unless others are then manually selected. Shuffle play is cancelled by pressing the **STOP** button.

SPECIAL FEATURES

INTRODUCTION SEARCH

The introduction-search function allows playback of just the start of each track on the disc, for instance to locate a preferred track by ear.

Press **INTRO** on the remote control, and the display will briefly show:

M_SCAN 10SEC

The first ten seconds (approximately) of each title on the CD are then played (or the first 10 seconds of any programmed titles, see below). The playback arrow in the display window flashes to indicate that this mode is activated.

Track playing time can be changed to approximately 20 or 30 seconds at any time during introduction mode. Press **INTRO** twice or three times in quick succession instead of once, and the revised time will be indicated on the display as:

M_SCAN 20SEC or M_SCAN 30SEC

Press **STOP** to cancel introduction mode.

Note: Intro scan time will be memorised as long as the unit is powered on, even when another disc is loaded.

PROGRAMMING / R.M.S.

The built-in program memory (Random Music Selection function) allows you to store up to 24 tracks and then play them back in the stored order. Each track is stored as a 'STEP' in the program.

It is possible to store a track more than once in the same program if required. Example: You wish to listen to tracks 14, 7, 9, 9 and 12 in that order on a disc. With the disc loaded and the player stopped, first press **PROGRAM** on the remote control. The word PROGRAM

briefly replaces track, index and time information, before a permanent red display provides a reminder that the function has been activated.

Press the numeric button of the track number corresponding to the first track you wish to store (14 in our example is **+10**, then **4**). That track number will now appear in the display under **TRACK**, number 1 (being the first entry) will appear under **STEP**, and track playing time appears under **MIN SEC**. Alternatively, the track number can be selected by using the track skip buttons (|<< or >>|).

The calendar grid to the right of the display also confirms this track selection.

Next the second track to be programmed can be selected (7 in our example) either by entering the required number with the numeric buttons or again by using the track skip buttons. As the second track number is selected the step number will be seen to change to a 2 indicating the program step being filled.

If you want to save a track twice in succession (for example 9 followed by 9), then simply press button 9 twice.

Repeat the above procedure by pressing remaining track numbers required (9, 9 again and 12 in our example). Note that as tracks are added, the total playing time indicated increases by a corresponding amount *plus one second per track*. This is to allow access time for the CD mechanism during the program play sequence.

If entry of more than 24 tracks is attempted accidentally, the memory will not accept the extra ones. The following is then briefly displayed:

PROGRAM FULL

SPECIAL FEATURES

If at any time you make a mistake or wish to delete a track from the list, press the **CLEAR** button to erase the last step. Repeated pressing of **CLEAR** will then erase each step in reverse order.

If you wish to check the selection before playing back your program, the **CHECK** button can be pressed to step through each track in turn. At the end of the check sequence, the display briefly shows:

-- END --

To play the programmed tracks press **PLAY/PAUSE** (or **INTRO** if required, see page 11).

When all programmed tracks have been played, the CD player stops. The same track selection can then be played again by pressing the **PLAY/PAUSE** button.

To cancel this mode, press **PROGRAM**. The word **CONTINUE** then briefly replaces track, index and time display.

Note: The entire program contents will be cleared if you open the disc compartment to load another disc, but this does not cancel program mode itself.

AUTOSPACE

The Nuvista 3D CD's AUTOSPACE function can be used to insert 4 second silent spaces in between each track as it is played back. This can be useful when making cassette recordings of CDs. Some cassette recorders feature a track skip or search

function which uses the silent gap between tracks to locate each one individually. However, some CDs do not have long enough gaps between tracks for this function to operate properly. AUTOSPACE can solve this problem.

Pressing the **AUTOSPACE** button once activates the function. The legend **AUTO SPACE** will appear in the display. In this mode, once the Nuvista 3D CD has reached the end of a track the **AUTO SPACE** graphic will begin to flash and the elapsed time part of the display will change to count down from four seconds to zero before play of the next track begins. When zero is reached the **AUTO SPACE** legend stops flashing and play continues at the start of the next track.

Press **AUTOSPACE** again to cancel this mode.

DISPLAY

The Nuvista 3D CD's display can be switched off with the **DISPLAY** button on the remote control *when a disc is playing*. However, if the button is pressed without a CD being loaded, or with a disc stopped, track, index and time displays are briefly replaced by the word **DISPLAY OFF** to confirm this mode has been engaged, *but the display remains lit until play is selected*. Pushing the button a second time briefly shows **DISPLAY ON** to confirm that the function has been cancelled.

When in display-off mode, pressing any button will cause the display to return briefly to confirm the new status before again switching off.

SPECIAL FEATURES - TEXT

CD TEXT DISCS

A small number of CDs released for sale more recently have additional text information contained in the recorded digital data.

The Nuvista 3D CD can individually display either the disc title, artist's name or track title with appropriate control commands.

Only CDs which are identified as having this text feature, either on the disc's label or the library case, will have text function on the Nuvista 3D CD.



When a text disc is first loaded, a red **CD TEXT** legend appears in the display window.

Text is shown on the front display as follows:

When the disc is first loaded:

Initially (1a): Total tracks and total time

TRACK	INDEX	MIN	SEC
4		33.	57
CD TEXT			

then, after a few seconds, (1b):

DISC
(DISC TITLE)
CD TEXT

Then, with each press of the **TIME** button, the display will cycle between the two text states:

2: Main artist's name:

ART.
(MAIN ARTIST)
CD TEXT

1: Return to 1a then 1b, (as above)

If a title or name has more than twelve characters, the first 12 only will be displayed after the title or name has finished scrolling.

With disc playing:

Each press of the **TIME** button, the display will cycle between four states:

Original state:

1a: Track title

TRACK
(TRACK TITLE)
CD TEXT

then, after a few seconds:

1b: Track elapsed time:

TRACK	INDEX	MIN	SEC
1	1	23.	45
CD TEXT			

2: Track remaining time:

TRACK	INDEX	MIN	SEC
1		-23.	45
CD TEXT			

3: Disc remaining time:

MIN	SEC
-34.	56
CD TEXT	

4: Track title:

TRACK
(TRACK TITLE)
CD TEXT

5: Return to original play mode 1a or 1b (as above).

Other Languages:

A limited number of CD text discs also have an “other-language” option.

In this case, after loading the disc, the display shows the current or default language after **MULTI** has been appeared underneath the **TEXT** legend.

If the player cannot read one of the languages identified in the disc’s digital data, the display will show “(OTHER LANG)” after loading the text CD.

To change language with a suitable text disc, before playing the text CD:

Press the **LANGUAGE** button on the front panel. The current operating language will then appear in the display.

Press **NEXT** or **PREVIOUS** on the front panel, or |<< or >>| on the remote control to find the required language.

Press the **LANGUAGE** button again to store the setting.

Notes:

* If a non-text disc is loaded, pressing the **LANGUAGE** button has no effect.

* If a text disc which does not have other languages available *is loaded but not playing*, when the **LANGUAGE** button is pressed “CAN’T SELECT” is displayed

* If the **LANGUAGE** button is pressed *while playing* a multi-language text disc, the current language is displayed momentarily.

TROUBLESHOOTING

Basic problem-solving with a CD player is similar to troubleshooting other electrical or electronic equipment. Always check the most obvious possible causes first, such as the following examples:

<i>Problem</i>	<i>Probable Cause</i>	<i>Remedy</i>
No power when Power button is pressed	Power plug is not inserted fully	Plug in securely
No playback when disc is loaded, "NO DISC" displayed	Disc loaded with label side down	Re-load with label side up
No audio output, or too low level output	Connection to rest of stereo system is incorrect	Check connections
Audio is severely distorted, and volume control needs to be turned down very low.	CD player audio lead is connected to phono input sockets of the amplifier	Re-connect lead to auxilliary sockets or other "line level" amplifier input
Mistracking (sound jumping)	Player receiving vibration or shock	Change position of player away from loudspeakers
	Disc is dirty	Clean disc surface
Hum	Audio connector plug not fully pushed in	Insert plug securely
Interference noise heard from radio tuner	Player too near tuner	Keep a reasonable distance between player and tuner, and switch off player power.
Remote control does not work	Player's POWER switch set switched to OFF	Set switch to ON
	One or more batteries inserted the wrong way round	Insert batteries correctly
	Batteries are flat	Change batteries - do not mix old and new ones
	Remote control is not pointed directly at the player	Ensure there is no obstruction between the remote control and player front.
Remote control range has greatly reduced	Batteries are running out	Change batteries - do not mix old and new ones

Remember - the most vulnerable part of a CD playing system is the disc itself. The most likely cause of a disc not playing is that the disc itself is faulty, scratched or simply dirty. Never open the case of the Nuvista 3D CD yourself, as this will invalidate the guarantee. If none of the above actions effect a cure, please contact your dealer or Musical Fidelity service agent.

Nuvista 3D CD

24 BIT COMPACT DISC PLAYER

Digital-to-Analogue Converter type:	Upsampled by 108kHz converter
Architecture	24 bit Delta-Sigma (Bitstream) 8 x oversampling digital filter
Frequency response	10Hz - 20kHz \pm 0.05dB
S/N ratio	> 98dB unweighted > 109dB 'A' weighted
THD and noise	< 0.003% 10Hz - 20kHz
Total correlated jitter	< 200 pS
Linearity	< 0.1dB down to -80dB
Wow and flutter	Unmeasurable
Power requirements	100/115/230V AC 50/60Hz Factory preset for country
Power consumption	20 Watts
Dimensions (approx.)	485mm wide 145mm high, including feet 370mm deep including terminals
Weight	15.5kg (un-boxed, unit only)
Standard accessories	Remote control handset, 4 batteries type SUM-4, AAA, LR03



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