

fell audio





As British as The Fells Themselves.

Our specialist hi-fi products are designed,
engineered and built right here in Britain, for you.



Safety

Important safety instructions

1.

Read these instructions
2.

Keep these instructions
3.

Heed all warnings
4.

Follow all instructions
5.

Do not use this apparatus near water
6.

Clean only with a dry cloth
7.

Do not block any ventilation openings
8.

Do not install near heat sources such as radiators, ovens, including other appliances that generate heat
9.

Do not defeat the safety purpose of the polarised or grounded plug
10.

Do not install 3rd party fuses
11.

Protect the power cord from being walked on or pinched
12.

Only use attachments / accessories specified by the manufacturer
13.

Unplug the product during lightning storms or long periods of non-use
14.

Refer all servicing to qualified service personnel . Servicing is required when the apparatus has been damaged in any way, such as power-supply cord or plug is damaged, liquid has been spilled or objects have fallen into the apparatus, the apparatus has been exposed to rain or moisture, does not operate normally, or has been dropped.
15.

Object or liquid entry
16.

Climate. The equipment has been designed for use in a moderate climate and in domestic situations.
17.

Cleaning. Unplug the unit from the mains supply before cleaning. The case should normally only require a wipe with a soft, lint-free cloth. Do not use chemical solvents for cleaning. We do not advise the use of furniture cleaning sprays or polishes as they can cause permanent white marks.
18.

Power sources. Only connect the equipment to a power supply of the type described in the operating instructions or as marked on the equipment. The primary method of isolating the equipment from the mains supply is to remove the mains plug. The equipment must be installed in a manner that makes disconnection possible
19.

Abnormal smell. If an abnormal smell or smoke is detected from the equipment, turn the power off immediately and unplug the equipment from the wall outlet. Contact your dealer and do not reconnect the equipment.
20.

Damage requiring service
 - The power-supply cord or the plug has been damaged, or
 - objects have fallen, or liquid has spilled into the equipment, or
 - the equipment has been exposed to rain, or
 - the equipment does not appear to operate normally or exhibits a marked change in performance, or
 - the equipment has been dropped or the enclosure dam-aged
21.

Disposal of the Fell DISC
22.

The Fell DISC packaging materials are recyclable and can be reused. Please dispose of any materials in accordance with the local recycling regulations. When discarding the unit, comply with local rules or regulations.
23.

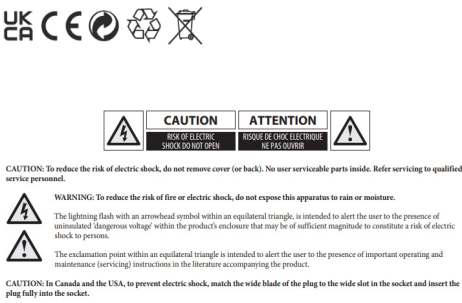
Batteries should never be thrown away or incinerated but disposed of in accordance with the local regulations concerning battery disposal.
24.

The Fell DISC and the supplied accessories, excluding the batteries, constitute the applicable product mentioned in the relevant WEEE compliance certification.
25.

The Fell DISC should not be disposed with other household waste throughout the EU. To prevent possible harm to the environment or human health from uncontrolled waste disposal and to conserve material resources, the Fell DISC should be recycled responsibly. To dispose of your Fell DISC, please use your local return and collection systems or contact the retailer where the product was purchased.

Safety Compliance

This equipment has been designed to meet the IEC/EN 62368-1 international electrical safety standard. This device complies with EN 55032: 2015 + A1: 2020 Class B. Operation is subject to the following two conditions: 1. This device may not cause harmful interference, and 2. This device must accept any interference received, including interference that may cause undesired operation. The building installation shall be regarded as providing protection in accordance with the rating of the wall socket outlet.



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Welcome

Thank you, and congratulations
on purchasing your Fell Audio product.

Drawing on many years of audio design experience, the Fell Disc uses the highest-quality components and engineering expertise to provide a product that will offer years of musical enjoyment and reliable service. This manual is a guide to installing and using the Fell Disc, including information on its more advanced features.

We hope your Fell Disc provides you with years of trouble-free operation. In the unlikely event of any operational issues, or if you simply require further advice regarding Fell Audio products, we will be happy to assist you.

Further information can also be found on the Fell Audio website at fellaudio.co.uk.

THE FELL AUDIO TEAM

Preparation

Power

The Fell Audio CD player is supplied with a moulded IEC mains plug already fitted to the lead. Check that the plug supplied fits your supply – should you re-quire a new mains lead, please contact Fell Audio. If your mains supply voltage or mains plug is different, please contact your supplier immediately,

Push the IEC plug end of the power cable into the socket on the back of the CD player, making sure that it is pushed in firmly. Plug the other end of the cable into your mains socket and, if necessary, switch the socket on.

Interconnect / Speaker cables

The Fell Audio CD player is a ultra low distortion device and as such we recommend the use of high-quality screened cables that are designed for the particular application.

Other cables will have different impedance characteristics that will degrade the performance of your system (for example, do not use cabling intended for video use to carry audio signals).

All cables should be kept as short as is practically possible. It is good practice when connecting your equipment to make sure that the mains power-supply cabling is kept as far away as possible from your audio cables.

Failure to do so may result in unwanted noise in the audio signals.

PRODUCT PLACEMENT RECOMMENDATIONS

- Place the CD player on a level, firm surface, avoiding direct sunlight and sources of heat or damp.
- Do not place the amplifier in an enclosed space such as a bookcase or closed cabinet unless there is adequate ventilation.
- Make sure the remote-control eye to the right of the front panel display is unobstructed, otherwise this will impair the use of the remote-control.



Overview

Front panel functions

- 1

CD slot loading
- 2

Display
- 3

Track back/Scan
- 4

Stop/Eject
- 5

Pause
- 6

Play
- 7

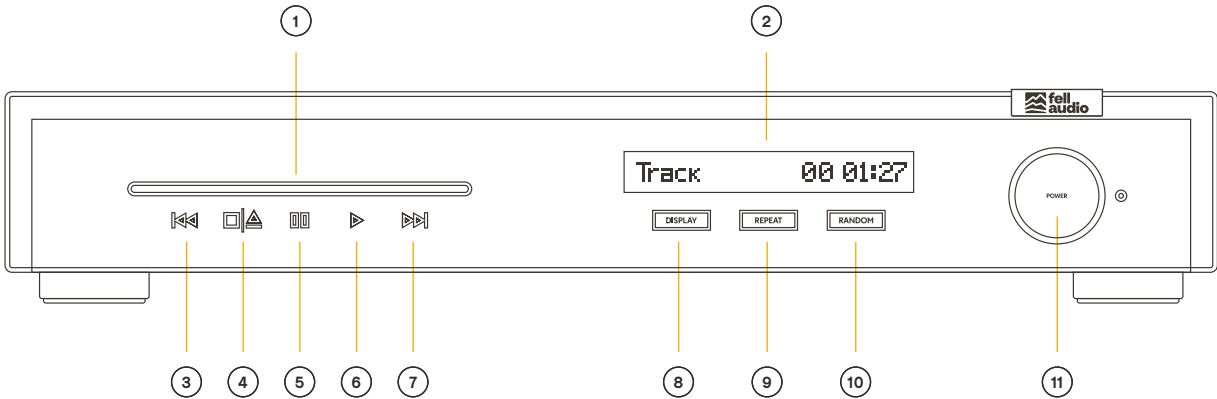
Trach forward/Scan
- 8

Display
- 9

Repeat disc or track
- 10

Randon
- 11

Power on/off



Connections

Rear panel connections

- 1

Power Inlet

Connect the supplied IEC mains cable here.
- 2

Digital Optical Output

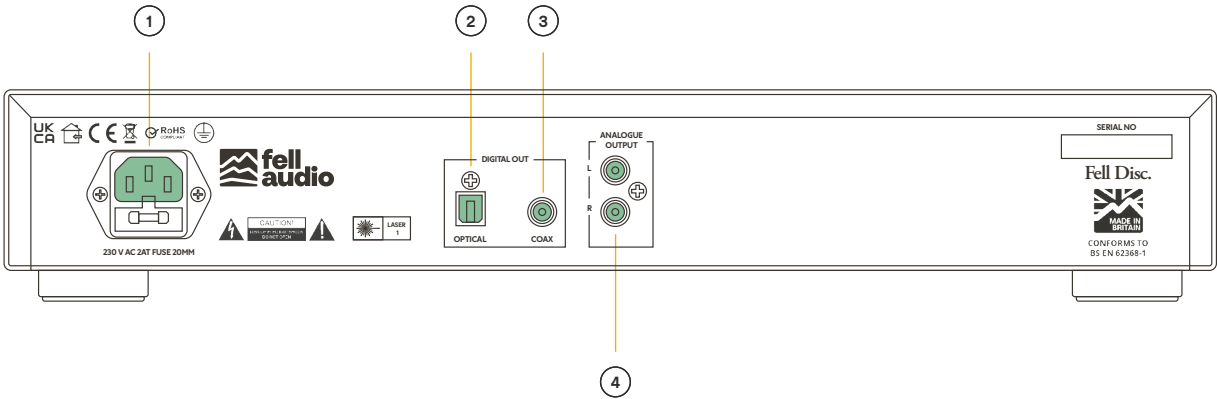
S/PDIF Toslink.
- 3

Digital Coax Output

S/PDIF 75 ohm.
- 4

Analogue Outputs

Left and Right RCA standard outputs.

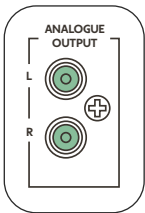


Outputs

Audio outputs (analogue)

The Left and Right analogue outputs are intended for connection to Fell Amp Disc input alternatively to any LINE standard input of an alternative amplifier.

All cables connections are RCA standard.



Digital output (coax)

The Digital Coax output can be used to connect an external digital conversion stage such as found with the Fell AMP or a standalone Digital to Analogue convertor (DAC).

Only use a correctly specified 75 ohm digital cable, the use of a standard analogue RCA will cause data corruption.

The data is CD standard 44.1 kHz 16 bit.

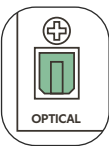


Digital output (optical)

The Digital optical output can be used to connect an external digital conversion stage such as found with the Fell AMP or a standalone Digital to Analogue convertor (DAC).

The connection is standard full size TOSLINK.

The data is CD standard 44.1 kHz 16 bit.




Operation

Capacitive touch sensitive controls

The Fell Disc utilizes capacitive touch sensitive source select buttons.

This type of switching requires no moving parts and it is ultra durable, however it is important that adequate finger print area is offered to the front panel.



Ensure that the input selection area remains free of debris by gently cleaning with a lint free cloth if necessary.

Switching on

Ensure that the rear panel IEC power cable is firmly attached. Press the Power on / off button on the right side of the front panel. The power indication LED will glow as below.

 = On  = Standby

Disc compatability

The Fell Disc is designed to accept 12cm Redbook standard Compact Discs only, do not attempt load a 8cm mini CD or multiple discs as this may damage the slot loading mechanism.

CD-R and CD-RW discs may be played although reliable playback cannot be guaranteed due to the variability of burning hardware and blank disc quality.

LOADING A COMPACT DISC

Holding the outer edges of the disc carefully offer the disc to the slot loading mechanism, gently push the disc into the slot until the pick up motors accept and feed to the disc in. The display will indicate as below.



When the disc is successfully loaded you will be pre-sented with the number of tracks followed by the total playback time as below.



▶ PLAYBACK

Disc playback can be initiated from the front panel by touching the shown image area or by pressing the same button on the remote control.

⏮ ⏭ DISC NAVIGATION

When playback has commenced you may choose to jump to a favourite track or back to a specific track using the shown controls on either the front or remote.

Pressing and holding the buttons on the front panel for +1 second will engage the SCAN fast forwards or fast reverse functions.

⏸ PAUSE PLAYBACK

You may choose to Pause playback by pressing the shown command, a second press resumes playback from the initial point of pause.

⏹ STOP PLAYBACK

You may stop playback and the end of a listening session using the combined Stop/Eject function on the front panel.

1st press stops playback.

2nd press ejects the disc.

Alternatively you may choose to use the separate stop or eject commands available on the remote control (please see page 12).

Operation (Continued)

Display function (front panel only)

The front panel display logo allows access to 2 different information display modes and a display off feature.



(Default) Track running time as below:



Option 2 total disc play time:



Option 3 display off:



Repeat function

Pre amplifier outputs have been included allowing for the flexibility of adding an external power amplifier. Simply connect a stereo pair of RCA interconnects from the Fell Amp Pre outputs to the matching inputs of the external power amplifier.



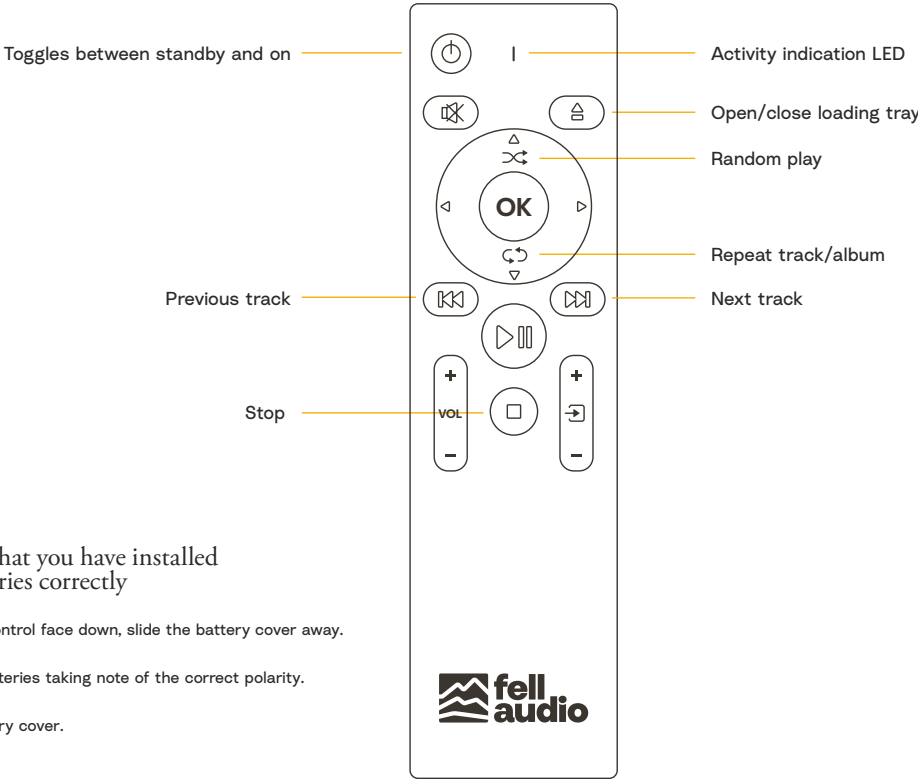
Pressing repeat once will put the player into track repeat (the front panel REPEAT logo will be constantly lit), pressing a second time will select repeat disc (REPEAT logo will flash), a third press of the repeat logo will switch the repeat mode off.

Random play mode

The random mode will engage shuffled playback from the inserted disc, this can be used in conjunction with disc repeat as the random playback will start again when all tracks have played.



Remote



Please make sure that you have installed the 2 x AAA batteries correctly

- 1 With the remote control face down, slide the battery cover away.
- 2 Insert 2 x AAA batteries taking note of the correct polarity.
- 3 Reattach the battery cover.

Troubleshooting

If you are having issues with your Fell Disc, check the following items.

No power

- Ensure that the IEC power plug is fully inserted into the rear panel socket and that power switch at the wall is on.
- Is the player in Standby mode, toggle either the front panel power button or the remote control.

No sound

- Check that the interconnect and/or Digital connections are properly seated at both DISC and AMP ends.
- Check that the correct input is selected at the amplifier and that mute is not engaged and the volume is set to a moderate level.

Player does not read the disc

- Check that the disc is inserted data (shiny) side down.
- Check that the disc is a Redbook standard audio disc and not a DATA disc.

Low level noise from the CD player

- This is perfectly normal and simply a function of the servos moving the laser up/down back/forward to track the data track on the disc.

Disc skipping / music cutting out

- Check that the disc being played is not damaged to a degree that prevents reliable playback. Compact Discs are not indestructible and should be handled with great care.
- Like a turntable, a high performance domestic CD player is susceptible to skipping if placed on an unstable platform.

Distortion during playback

- A damaged disc may push the error correction to limits in such a way that distortion is perceived although the disc does not skip. Check the disc for scratches and discoloration. These symptoms are most common with CD-R and CD-RW discs as the reflected light level is significantly lower.

Remote control does not work

- Replace the batteries and re-test.
- Ensure that objects are not obscuring the remote control's line of sight.

Specification

Warranty

The Fell Disc has a 5 year parts and labour warranty. Exception to this, the Fell Disc CD mechanism is covered under a standard 2-year warranty. Beyond the first 12 months the return to base carriage shall be covered by the owner. Please retain the sales receipt as proof of purchase. Warranty is valid only within country of purchase. The warranty is not transferable.

Continual improvement policy

Fell Audio has a policy of continual improvement for its products. This means that designs and specifications are subject to change without notice.

E&OE

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Contact details

Fell Audio, Shaddongate, Carlisle.
Web: www.Fellaudio.co.uk
Email: help@fellaudio.co.uk

Tech

Digital to analogue conversion	ESS SABRE ES9018
Laser	3-Beam
Laser wavelength	790nm
Signal to noise ratio	98dB
Harmonic distortion (1kHz)	0.005%
Output impedance	47 Ohms
Frequency response	10Hz - 20kHz
Output level (0dB)	2.3v RMS

General

Mains voltage	220v–240v a.c
Power consumption	7.5 Watts
Dimensions W x D x H (including feet)	440 x 300 x 75mm
Weight (net)	6kg

NOTE: All specification values are typical unless otherwise stated

Fell Audio, Shaddongate, Carlisle.

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