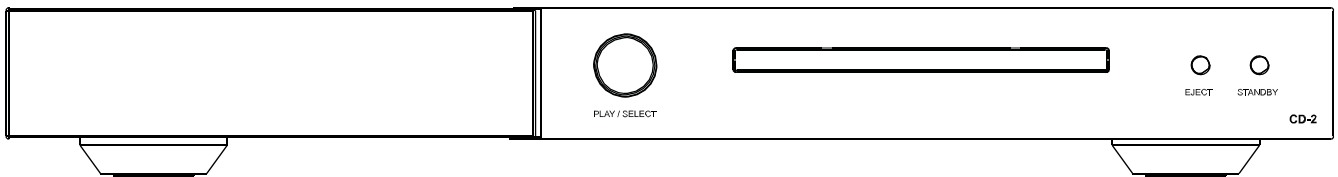


OWNER'S MANUAL

CD-2





LYNGDORF

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WARNINGS


	CAUTION: RISK OF ELECTRICAL SHOCK. DO NOT OPEN.	
	CAUTION: TO REDUCE THE RISK OF ELECTRICAL SHOCK, DO NOT REMOVE COVER. NO USER-SERVICEABLE PARTS INSIDE. REFER SERVICING TO QUALIFIED PERSONNEL.	

TO REDUCE RISK OF FIRE OR ELECTRIC SHOCK, DO NOT EXPOSE THIS APPLIANCE TO RAIN OR MOISTURE.


Exclamation symbol

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

	The lightning with arrowhead symbol within an equilateral triangle is intended to alert the user to the presence of uninsulated "Dangerous Voltage" within the product's enclosure that may be of sufficient magnitude to constitute a risk of electrical shock to a person.
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Light bulb symbol

	The light bulb is intended to alert the user of important information or a detailed explanation.
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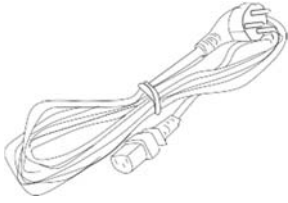
Important safety instructions

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. Install in accordance with the manufacturer's instructions.
8.	Do not install near any heat sources such as radiators, heat registers, stoves, or other apparatus that produces heat.
9.	Do not defeat the safety purpose of the grounding-type plug. A grounding-type plug has two pins and a third grounding prong. The third prong is provided for your safety. If the provided plug does not fit into your outlet, consult an electrician for replacement of the obsolete outlet.
10.	Protect the power cord from being walked on or pinched, particularly at plugs, convenience receptacles, and the point where it exits from the apparatus. Do not use this unit with a damaged cord or plug.
11.	Use only attachments and accessories specified by the manufacturer.
12.	Use only with cart, stand, tripod, bracket, or table specified by the manufacturer, or sold with the apparatus. When a cart is used, use caution when moving the cart/apparatus combination to avoid injury from tip-over.
13.	Unplug this apparatus during lightning storms or when unused for long periods of time.
14.	Refer all servicing to qualified service personnel. Servicing is required when the apparatus has been damaged in any way, such as when the power-supply cord or plug is damaged, liquid has been spilled or objects have fallen into the apparatus, or when the apparatus has been exposed to rain or moisture, does not operate normally or has been
15.	Do not expose this apparatus to dripping or splashing and ensure that no objects filled with liquids, such as vases, are placed on the apparatus.
16.	To completely disconnect this apparatus from the AC mains, disconnect the power supply cord plug from the AC receptacle.
17.	The mains plug of the power supply cord shall remain readily operable.
18.	Do not expose batteries to excessive heat such as sunshine, fire or the like.
19.	Do not connect any output from this compact disc player to any other compact disc player's output or any other voltage source.
20.	Caution – Use of controls or adjustments of performance of procedures other than those specified herein may result in hazardous radiation exposure.



ACCESSORIES

1. You should find the following accessories included:



Mains cord

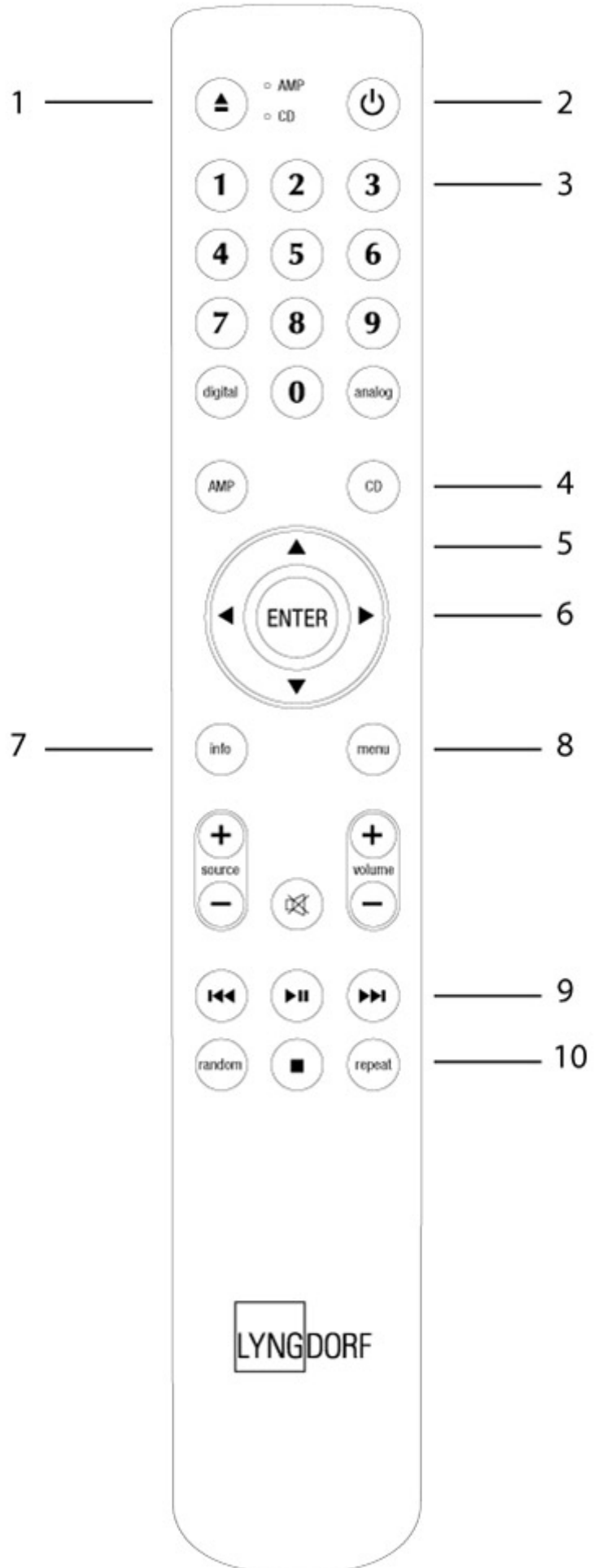


Remote control

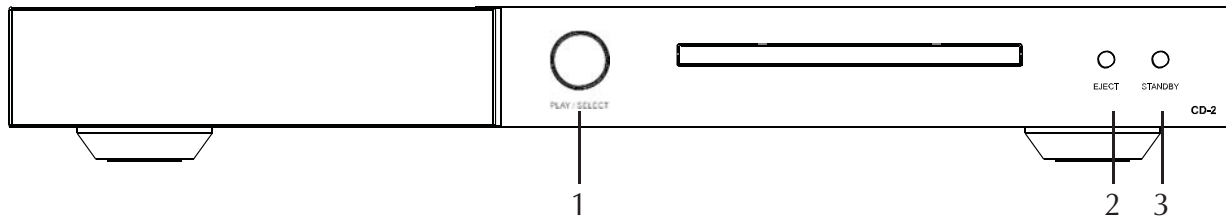
REMOTE CONTROL

To control the CD player the **CD** key should be pressed.

1. Eject
2. On / Standby
3. Numerical buttons 0-9
Direct selection and input of tracks on CD.
4. CD
Selects the remote for operation with a Lyngdorf CD Player.
5. Up / Down / Left / Right
Scrolls through the menu functions.
6. Enter
Confirms actions in menu mode.
7. Info
Toggles between showing additional CD information (e.g album name, song name, and artist), if available.
8. Menu
Activates or de-activates the Menu system.
9. Skip / Scan / Play / Pause
10. Random / Stop / Repeat



FRONT PANEL



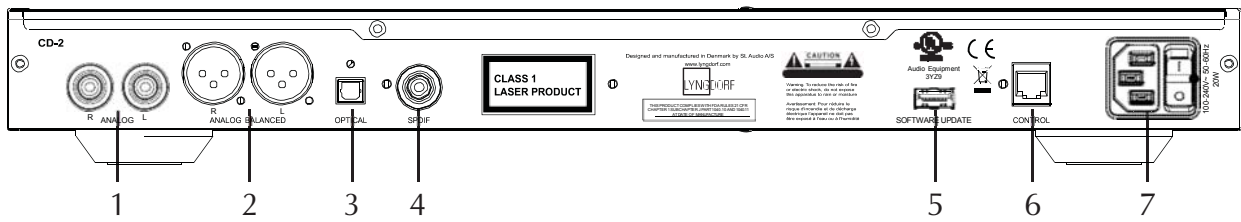
1. Play / Select

- Push to Play and Pause. In the menu mode pushing is used as the select-function.
- Holding down the button will access the main menu.
- Turn the wheel to skip left and right between tracks or menu items.

2. Eject

3. On / Standby

REAR PANEL



1. Analog output right and left
RCA Connectors.
2. Analog balanced output right and left
XLR Connectors for balanced output.
3. Optical output
Toslink Connector for digital output.
4. S/PDIF output
5. USB software update connector
6. RS 232 for external control.
RJ11 connector.
7. Mains Input

MENU SYSTEM

The functionality of each of the menu items are:

CD Play Mode

- Normal Play
- Repeat Entire Disc
- Repeat One Track
- Random Play

CD-Text Display

Shows additional CD information (e.g. album name, song name, and artist) if available. When turned On, track information will be reduced in height.

Time Display

Show Remaining Time:

- Yes
- No

Dig. Out Sample Rate

Chooses the sample rate of the digital outputs.

- 44.1 kHz (16 bit, no sample rate conversion)
- 48 kHz (24 bit)
- 96 kHz (24 bit)(default)
- 192 kHz (24 bit)

Analog Out Gain

Adjusts the gain on the analog outputs in 0.5 dB steps from -12.0 dB to 0.0 dB.

Display Timeout

The timeout can be set to On or Off. On is a 10 second display timeout.

Auto Off

Auto off will automatically turn off the CD-2 after it being idle for 5 minutes.

Advanced

- Software info
Displays the firmware version.
- Power On State
When the CD-2 is turned on it can either play the CD automatically or standby.
- Factory Reset
Resets the CD-2 to the factory default settings.

- Software update

To update the CD-2 with new firmware do the following:

1. Download the new firmware from www.Lyngdorf.com
2. Upload it to the root of a FAT32 formatted USB stick.
3. Go to Software Update in the Advanced menu of the CD-2 and click Yes.
4. The display should show "Updating: Name of firmware file".
5. When fully updated, the CD-2 will go to standby mode.

Exit Menu

Exits the menu.

NOTES OF IMPORTANCE

Unpacking the CD-2

Carefully remove the unit and accessory kit from the carton, visually check for shipping damage. Contact both the shipper and your Lyngdorf Audio representative immediately if the unit bears any sign of damage from mishandeling. All Lyngdorf Audio equipment is carefully inspected before leaving our factory.



Keep shipping carton and packing material for future use or in the event that the unit needs servicing. If this unit is shipped without the original packing, damage could occur and void the warranty.

Operating Voltage

Check the label on the CD-2 rear panel and verify you have the version with the proper voltage for your area.



Connect the power input only to the AC source printed on the label. The warranty will not cover any damage caused by connecting to the wrong type of AC mains.

Cleaning and Maintenance

This unit does not require any regular maintenance except to keep its exterior clean. Simply wipe its exterior with a clean soft cloth. A small amount of non-abrasive cleaner may be used on the cloth to remove any excessive dirt or fingerprints. Do not use abrasive cleaners or cleaners containing liquid solvents.



Always unplug the unit from the electrical outlet before cleaning.

CONNECTORS

Mains Connector

Mains voltage to the CD-2 is applied via an IEC320 type connector. The supplied cable with safety ground should be used to connect the CD-2 to a mains outlet.



Connect the power input only to the AC source printed on the label and the setting shown on the voltage selector switch. The warranty will not cover any damage caused by connecting to the wrong type of AC mains.



Always disconnect the CD-2 from the mains before changing any connections to its inputs or outputs.

Analog outputs

The unbalanced RCA outputs are wired in accordance with normal practice:

Shell: Shield/Ground.

Pin: Hot (+).

Unbalanced analog output impedance 75 Ohm

The balanced XLR outputs are wired in accordance with IEC268:

Pin 1: Chassis and ground.

Pin 2: Hot (+).

Pin 3: Cold (-).

Shield: Chassis and ground.

Balanced analog output impedance 100 Ohm

Digital outputs

RCA output (SPDIF):

Shell: Chassis and Ground

Pin: Hot (+)

TECHNICAL SPECIFICATIONS

All audio measurements, except frequency response, are measured with a 20KHz low-pass filter in accordance with AES-17. Measured on Unbalanced outputs - RCA (phono).

Analog audio outputs

Parameter	Value	Note
Frequency response L/R	+/- 0.02 dB	20 – 20000 Hz
Signal-to-noise ratio	114 dBA	('infinity zero' track) A-wgt
Dynamic Range	100 dBA	(output -60 dBFS 1kHz) A-wgt
Distortion: THD + N	0.0018 %	20 – 20.000 Hz @ 0dB FS
Crosstalk	-120 dB	16 – 20.000 Hz
0db analog output level	7.0 Vrms 3.5 Vrms	XLR Balanced BNC Unbalanced
Unbalanced analog output impedance	75 Ohm	
Balanced analog output impedance	100 Ohm	

Digital audio outputs

Parameter	Value	Note
	SPDIF, Toslink	Galvanically isolated transformer coupled SPDIF
Selectable sample rates on digital outputs:	44.1kHz – 16 bits 48 / 96 / 192 kHz – 24bits	

Protection

Parameter	Value	Note
Grounding	Mains earth, chassis and audio ground are connected internally.	

Mains

Parameter	Value	Note
Mains input connector	IEC 320 cold type	Mains lead supplied.
Mains voltage range	100-240 AC, 50–60Hz	
Internal mains fuse	T630mAh / 250VAC	
Power consumption	300mW	STANDBY mode.
Power consumption	11W	OPERATE mode, Playing CD

Mechanical

Parameter	Value	Note
Width	450 mm (17.72')	
Depth	373 mm (14.69')	
Height	57 mm (2.24')	
Net weight	6.1 Kg (14.4 lbs)	

Discs

Parameter	Value	Note
Compatible disc types	CD-DA, CD-R	
Compatible disc sizes	8 cm, 12 cm	
Other	Non-audio discs such as discs with DTS-encoded sound can be played back via digital interfaces only and only at 44.1 kHz.	The connected amplifier needs to support the encoded format.

Technical Assistance

If you have any problems with or questions regarding your Lyngdorf Audio product, please contact your nearest Lyngdorf Audio representative or go to www.lyngdorf.com

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