



Steinway & Sons CDP-1

INSTALLATION MANUAL


Table of contents

Warnings.....	3
Front panel	5
Rear panel	6
Setup.....	7
Menu system	8
Notes of importance	10
Technical specifications	11


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.
---	--

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.
---	--

Light bulb symbol

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

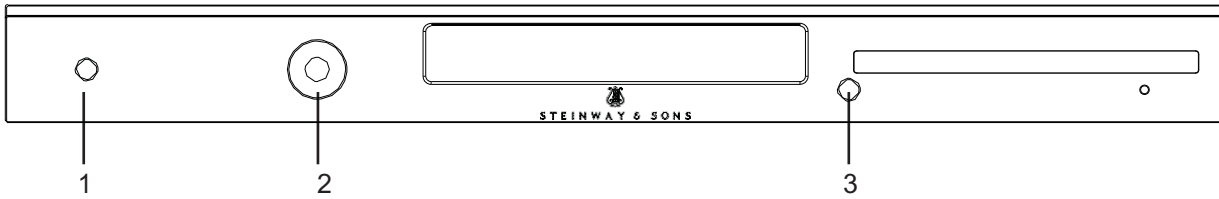
Important safety instructions

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 dropped.
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 volt- age source.
20.	Caution – Use of controls or adjustments of performance of procedures other than those specified herein may result in hazardous radiation exposure.



Front panel



1. **Standby button**

Standby mode.

2. **Play/Select**

The Play/Select button is a skip-wheel which allows you to skip left |<< and skip right >>| by turning the wheel in either direction.

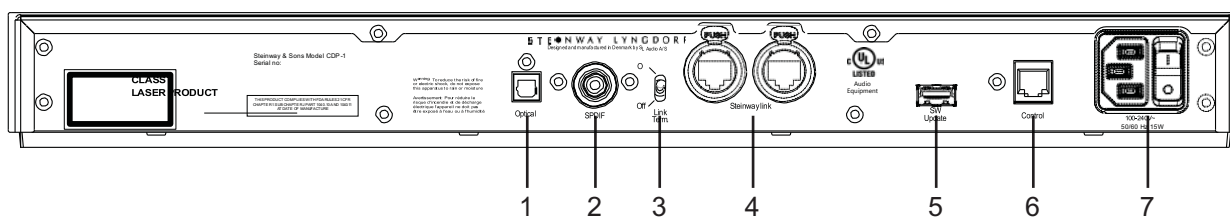
The button in the center works in exactly the same way as the Play/Pause button. During play mode, it toggles between Play and Pause. In the menu mode, the button is used as the select-function.

Holding down the button will access the main menu.

3. **Eject**

The CD loader tray can be opened and closed using the eject button.

Rear panel



1. Optical output

Toslink Connector for digital output

2. SPDIF

SPDIF output

3. Link termination

Switch on if the CDP-1 is the last Steinway Lyngdorf product in the daisy-chain.

4. Steinway Lyngdorf Digital Link

5. USB software update connector

For software update

6. Control connector

The RS232 communication connectors are for communication to a PC or remote control from Steinway Lyngdorf equipment with broadcast commands or linked control between other components.

7. Mains input

IEC320 type connector.

Setup

Connecting the CDP-1

- Connect a digital audio output from the CDP-1 to the SP-1 Stereo Processor.
- Connect the CDP-1's Steinway Lyngdorf Digital Link.
Switch "Link termination" to on if the CDP-1 is the last Steinway Lyngdorf product in the chain.
If inserting the CDP-1 at the end of a chain of amplifiers, make sure to switch off the amplifier's dip switch link termination. To do this, toggle the number 8 switch from on to off.
- In the CDP-1 menu system, select Yes in "Link Control."
- In the SP-1 menu system "Setup" -> "Link CD" select the input the CDP-1 is connected to.

Menu system

The functionality of each of the menu items is:

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

Link Control

Enable Link Control:

- Yes
- No

Dig. Out Sample Rate

Chooses the sample rate of the digital outputs.

- 48 kHz / 24 bit
- 96 kHz / 24 bit (default)
- 192 kHz / 24 bit

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 CDP-1 after it has been idle for 5 minutes.

Advanced

- **Software Info**
Displays the firmware version.

- **Factory Reset**
Resets the CDP-1 to the factory default settings.

- **Software Update**
To update the CDP-1 with new firmware, do the following:
 1. Download the new firmware
 2. Upload it to the root of a FAT32 formatted USB stick.
 3. Go to Software Update in the Advanced menu of the CDP-1 and click Yes.
 4. The display should show “Updating: Name of firmware file.”
 5. When fully updated, the CDP-1 will go to standby mode.

Exit Menu

Exits the menu.

Notes of importance

Unpacking the CDP-1

Carefully remove the unit and accessory kit from the carton, and visually check for shipping damage. Contact both the shipper and your Steinway Lyngdorf representative immediately if the unit bears any sign of damage from mishandling. All Steinway Lyngdorf 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



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.

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).

Digital audio outputs

Parameter	Value	Note
	SPDIF, Toslink	Galvanically isolated transformer coupled SPDIF
Selectable sample rates on digital outputs:	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

Mains Connector

Mains voltage to the CDP-1 is applied via an IEC320 type connector. The supplied cable with safety ground should be used to connect the CDP-1 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 CDP-1 from the mains before changing any connections to its inputs or outputs.
---	--

Technical Assistance

If you have any problems with or questions regarding your Steinway Lyngdorf product, please contact your nearest Steinway Lyngdorf representative.

