

Steinway & Sons Model S Soundbar

INSTALLATION MANUAL

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INTRODUCTION TO THE MODEL S SOUNDBAR

Safety Warnings

Physical Handling



The Model S Soundbar is very heavy. It can be difficult to handle. Follow all instructions for unpacking and installation. Use ergonomically correct body positions. Be careful not to unbalance the large speaker during handling. Steinway Lyngdorf cannot be held responsible for any physical damage which occurs during the installation process.

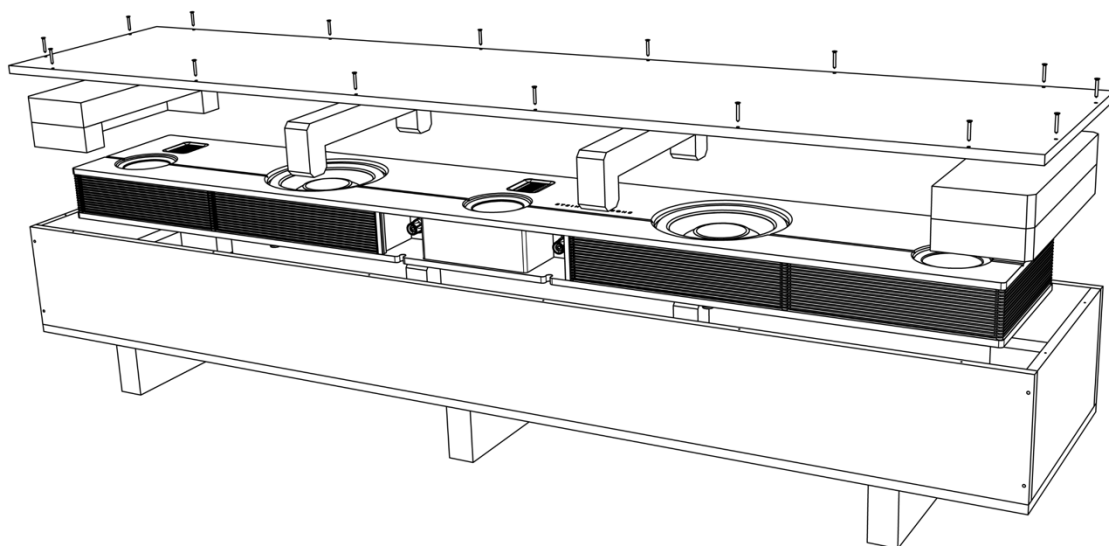
UNPACKING THE MODEL S SOUNDBAR

Each box holds the complete loudspeaker. The loudspeaker is already assembled.

1. Place the packaging box near its final place in the room. Open the packaging by removing the top screws and lift the top panel.

In each packaging you will find the following items:

- 1 Model S Soundbar
- 2 Neutrik speakON NL4 cable connectors, inserted at the underside of the speaker
- 2 Aluminum wall mount profiles
- 2 Distance screws (optional)



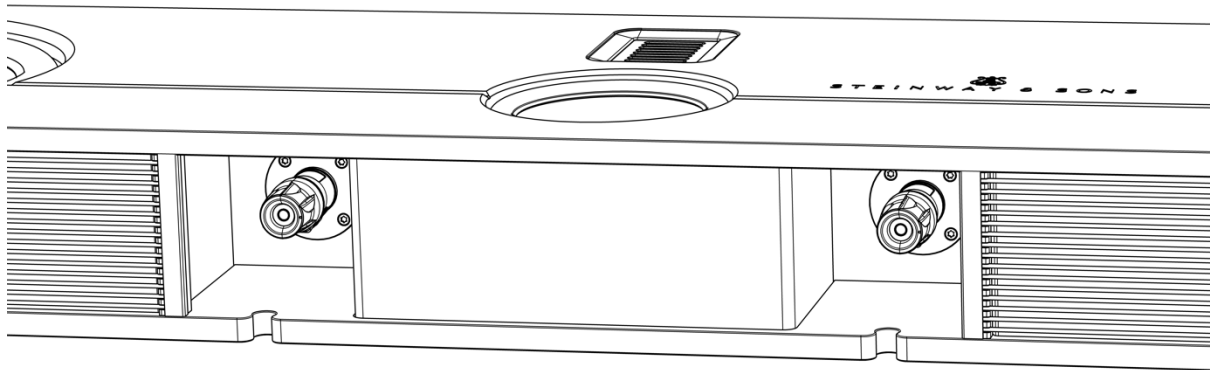
2. Remove the top foam pieces. Lay them upside down besides the packaging box.

3. Lift the Soundbar out of the packaging and place it on the top foam pieces.

Beware: The speaker is very heavy.



4. Mount the two aluminum wall mount profiles on the backside of the Soundbar with the screws provided. The counterparts are to be mounted on the wall.
5. Remove the two speakON cable connectors from the underside of the loudspeaker.
6. Fit the speaker cable to the speakON cable connectors, according to the CONNECTION instruction on a following page of this manual, and according to the Wiring Diagram provided by SL Audio.
7. Re-connect the speakON cable connectors fitted with the speaker cable to the speakON connector inserts on the underside of the loudspeaker. Fit the speaker cable through the cable opening at the back.
8. Once the wall mount profile is safely attached to the wall, lift up the Soundbar and hang it at its final wall position. Make sure the speaker cable still runs through the cable canal.

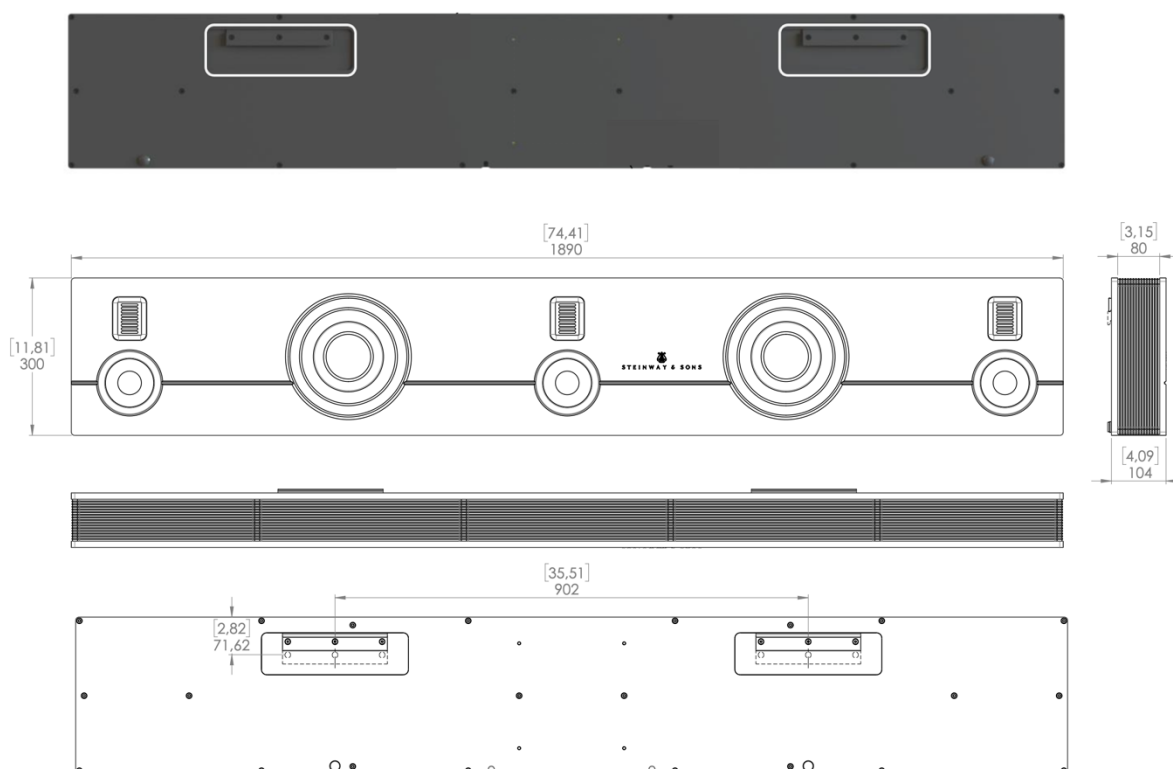


LOUDSPEAKER MOUNTING ON THE WALL

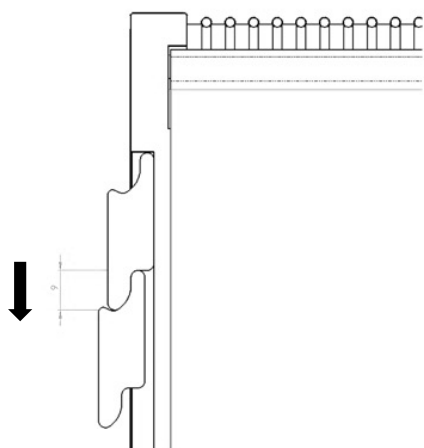
1) Aluminum wall mount profiles. The Model S Soundbar is intended to be mounted on-wall with the two provided aluminum wall mount profiles.

Attach one part to the back of the Soundbar using the provided screws. Attach the counterparts on the wall.

Note: Always choose screws and dowels matching the wall material, the wall construction, and the heavy weight of the Soundbar.

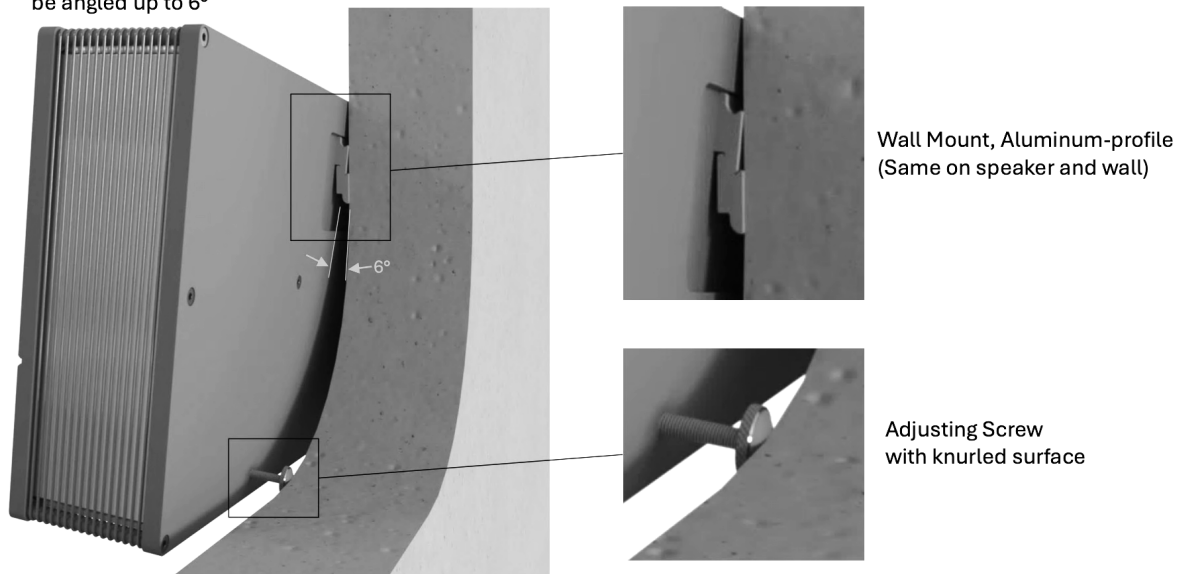


The Soundbar needs to be lifted up and down only 9-10mm / 0,35-0,40" to hang it on its wall profile. Therefore, the Soundbar can be placed in close distance to an already wall-mounted TV.



When the provided aluminum wall mounts are used, two optional distance screws allow angling the Soundbar, for example to achieve an upwards sound beam when placed below a TV.

The Soundbar can be angled up to 6°



2) 200x200 mounting accessories. Alternatively to the provided aluminum wall mounts, third-party mounting fixtures using the 200x200 mounting type can be used.

Note: Only use heavy-duty mounting accessories matching the heavy weight of the Soundbar. Always choose screws and dowels matching the wall material, the wall construction, and the heavy weight of the Soundbar.

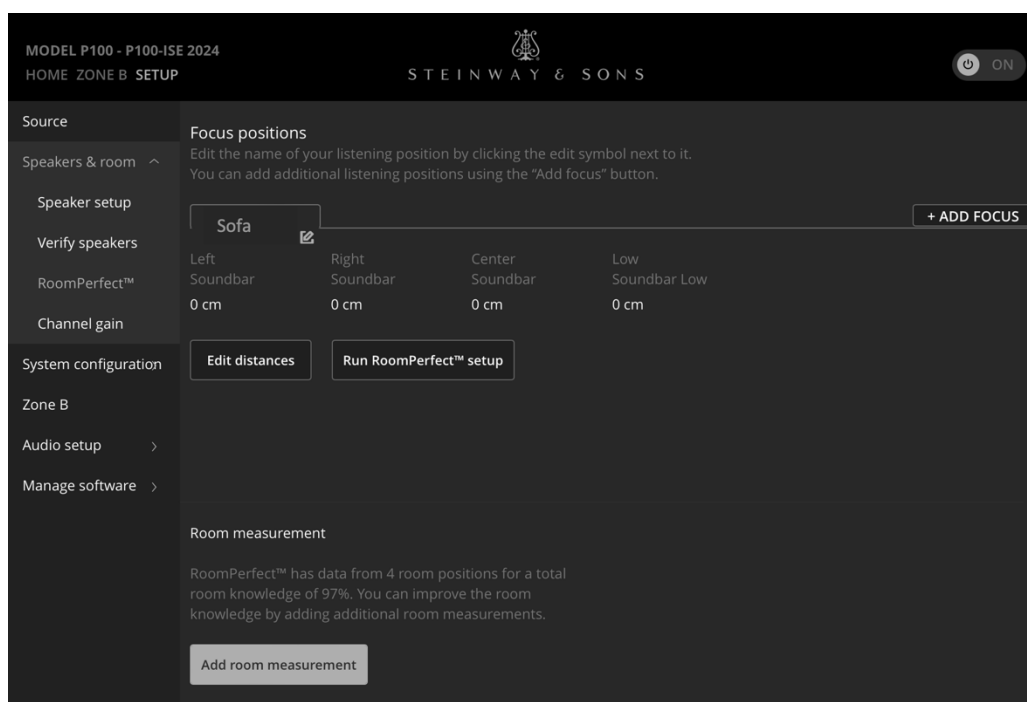


LOUDSPEAKER PLACEMENT ADVICE IN THE ROOM

Guidelines for Placement

Regardless of speaker positioning and listening distance, the Steinway Lyngdorf RoomPerfect™ calibration will always ensure the best possible sound performance in any room. To achieve the best performance, follow these recommendations before doing the RoomPerfect™ calibration:

- The Model S Soundbar is mechanically and acoustically designed to be placed on-wall, or in-wall.
- The ideal speakers placement should be in accordance with the basic stereo triangle (60x60x60 degrees), for example in front of a TV, with the main listening area (Focus position) at the tip of the triangle.
- If a symmetrical stereo triangle is impossible, or a second preferred listening area should be stored (Add Focus position), different distances from the listening positions to the left, center, and right speaker as well as to the woofers can be compensated by adjusting distances in the Processor.
 - a) **Stereo triangle.** If the main listening area (Focus position) is in the middle in front of the Soundbar, no distance settings are necessary. Run the RoomPerfect™ calibration in your Steinway Lyngdorf Processor.
 - b) **Off-axis listening.** If the main listening area (Focus position) or a second listening area (Add Focus position) is off-center on the left or right side of the Soundbar:
 1. Measure the distance from the main listening seat to the left tweeter, right tweeter, and center tweeter. Type-in these distances in the RoomPerfect™ menu for Left, Right, Center.
 2. For the Low distance of the woofer, measure to the middle between the two woofers. Alternatively, copy the number from the Center distance. Since both woofers play in parallel, their acoustic listening distance is the middle between them, and only one number is required.
 3. Run the RoomPerfect™ calibration in your Steinway Lyngdorf Processor.



CONNECTION OF EQUIPMENT

Choice of A1 or A2 amplifiers

Please note:

- Model S Soundbar combined with the Steinway & Sons P100, P200, P300: 1 x A2 or 2 x A1 can be used.
- Model S Soundbar combined with the Steinway & Sons SP-1: 1 x A2 must be used.

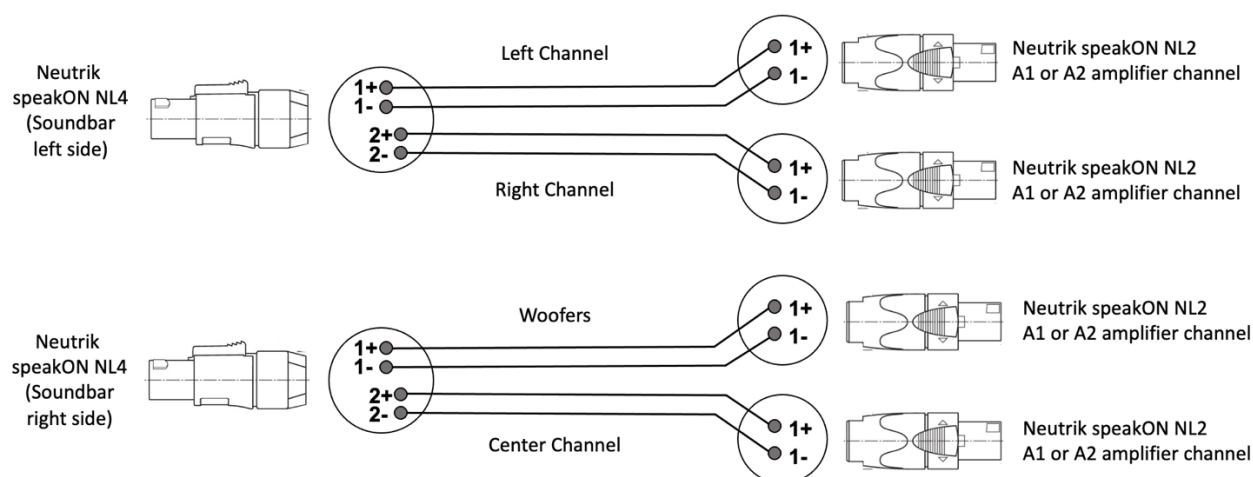
Speaker Cable Wiring

The Model S Soundbar is connected to the A1 or A2 amplifiers through speaker wire fitted with Neutrik speakON connectors.

The required speakON connectors for the speaker side are supplied with the Soundbar.

The required speakON connectors for the amplifier side are supplied with the A1 or A2 amplifiers.

For the actual cable assignment, please refer to the Wiring Diagram provided by SL Audio for your system.



Amplifier DIP Switchboard Addressing

The speakers and boundary woofers will be connected to the A1 or A2 amplifiers depending on the individual system setup.

The red DIP switchboard on the back of each A1 or A2 amplifier must be set for correct identification of the speakers and woofers connected to it.

You will find the actual DIP switch setting in the Wiring Diagram file provided with the Processor.



ROOM CORRECTION INTRODUCTION

Why do you need room correction? The characteristics of your room affect the sound that reaches your ears. In any system, more than 50% of the sound you hear comes from the contribution of the room, echoes, reflections, absorption, and the like. RoomPerfect™ will calibrate the Model S Soundbar to the room and address room acoustical issues in the digital domain, ensuring the best possible sound performance in the given environment.

Follow the instructions of the Installation Manual of the Processor, but note that during measurements, you can work, talk and move around in the room. But the measurements will last longer depending on the level of background noise.

CLEANING THE SPEAKER

Polish the system for perfect appearance with a smooth microfiber cloth. Dust and fingerprints are highly visible on the black piano gloss lacquer. If necessary, moisten your cloth with distilled or demineralized water only.

DO NOT use ordinary furniture polish or cleaning agents as these usually contain wax or silicone that may cause damage to the surfaces.

DO NOT use a woven microfiber cloth around the Steinway & Sons logo as this may damage the protruding letters.

STORING THE SPEAKER

The Model S Soundbar features wooden parts, lacquered parts, as well as electro-mechanical parts which are vulnerable for sudden changes in temperature as this will cause cracks in the wooden constructions and cause serious degradation of the lifetime of the electronic circuitry.

The products should thus be kept and stored in stable conditions with temperatures between 10° to 25° Celsius and with a relative humidity level between 50% and 55%.

REPACKING

In case the system components are to be moved to another location, repacking into the original shipping boxes is necessary, as the weight and vulnerable surfaces are causes of concern.

SERVICE INFORMATION

To obtain warranty service, you must contact your local representative from Steinway Lyngdorf, or you may email contact@steinwaylyngdorf.com

In some cases, the Customer Service Department may solve a service problem without the need of repair or any other measures, thereby avoiding further inconvenience or delay. In some cases, it may be necessary to return the equipment to Steinway Lyngdorf or an authorized service provider for repair; therefore, it is recommended that you save your original packing materials. Steinway Lyngdorf will not be responsible for any damage due to unauthorized packing or shipment in non-original packing materials. If return is made in authorized packaging, risks are borne by Steinway Lyngdorf. Additional charges may occur if new packing materials are required for return shipment.

