

Steinway & Sons In-Wall and In-Ceiling  
(IW-15, IW-16, IC-16, IW-26H, IW-26V, IC-26)

# INSTALLATION MANUAL

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## Compliance

### WEEE

The European Parliament and the Council of the European Union have issued the Waste Electrical and Electronic Equipment Directive. The purpose of the Directive is to prevent waste of electrical and electronic equipment and to promote reuse, recycling, and other forms of waste recovery. Steinway Lyngdorf products and the accessories packed with them are subject to the WEEE Directive. Please dispose of any waste materials in accordance with your local recycling regulations. Products and equipment which must be collected for reuse, recycling, and other forms of recovery are marked with the icon of the crossed-out waste receptacle.



### FCC

Steinway Lyngdorf products and accessories comply with parts 15 and 68 of the FCC rules. 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 any interference that may cause undesired operation. Model A1/A2 amplifier and Model P200 processor contain TX FCC ID: TYOJN5139M0.

Changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment. Equipment marketed to a consumer must be capable of complying with the necessary regulations in the configuration in which the equipment is marketed.

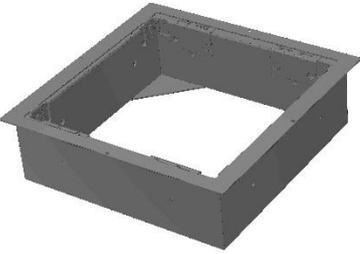
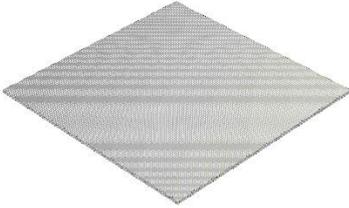
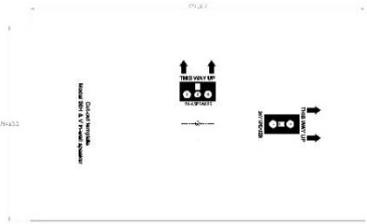
# STEINWAY LYNGDORF

## Unpacking

Note that you cannot mount any of the IW/IC series speakers without the Mounting Kit. Carefully remove the components from the carton, and check for shipping damage. Contact both the shipper and your Steinway Lyngdorf representative immediately if products bear any sign of damage or if there is a discrepancy in the number of packages received. All Steinway Lyngdorf equipment is carefully inspected before leaving our factory. Note: Keep the shipping carton and all packing material for future use or in the unlikely event that products require servicing. If products are shipped without the original packing, damage could occur and void the warranty.

## Inventory Mounting Kit

Check the list below to ensure that all necessary product components have been delivered. Please report all discrepancies to your Steinway Lyngdorf representative immediately.

 <p>Backbox</p>	 <p>Bezel-less Metal Grill (Black cloth on frame for IC-26)</p>
 <p>Cut-Out Template (Not with IC-26)</p>	 <p>Safety Wire (Not with IC-26)</p>

## Preinstallation

### Weight

The speakers are heavy, and you must ensure that you are using screws, which fits the wall type, and which can handle the weight of the backbox and speaker in the chosen position.

IW-15	3.5 kg / 7.7 lbs.
IW-16	5.7 kg / 12.6 lbs.
IC-16	9 kg / 19.8 lbs.
IW-26V	11.3 kg / 24.9 lbs.
IW-26H	12.2 kg / 26.9 lbs.
IC-26	8.8 kg / 19.4 lbs.

### Speaker connection

These speakers have screw terminals: please use a Phillips head screwdriver.

### Cables

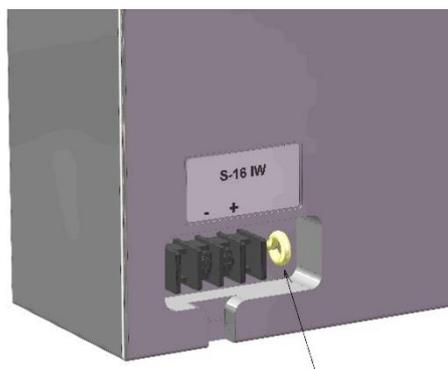
Recommended minimum up to 16m / 50ft: AWG 14/2 or 2-lead 2mm<sup>2</sup>

Recommended minimum from 16m / 50ft and up: AWG 12/2 or 2-lead 3.5mm<sup>2</sup>

Recommended maximum: Double AWG 10/2 or 2-lead 5mm<sup>2</sup>

### Safety wire

The safety wire is for safe over-head mounting of speakers, where the hook is attached to the eye-bolt on the speaker and the latch is securely fixed to a point with structural integrity.



# S T E I N W A Y L Y N G D O R F

## Cutout Hole Dimensions

Be sure there is ample clearance behind the ceiling to allow for the backbox to be properly installed.

With all backboxes you will find the relevant cut-out template.

The backbox is expandable!

/ It must be pushed in to the minimum size for installation in a standard 2x4" stud wall but extended for in-ceiling installations.

The maximum dimensions of the backboxes are:

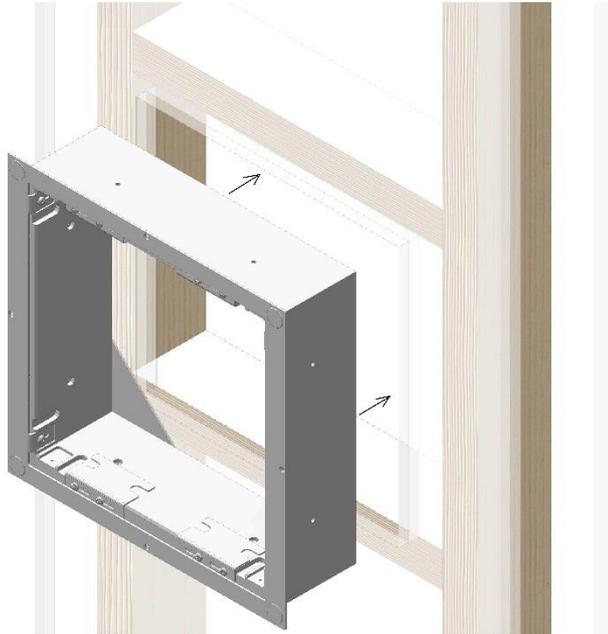
Speaker:	Depth	Height	Width	Depth	Height	Width
IW-15	118 mm	318 mm	252 mm	4.7 in	12.5 in	9.9 in
IW-16	118 mm	338 mm	338 mm	4.7 in	13.3 in	13.3 in
IC-16	118 mm	622 mm	364 mm	4.7 in	24.5 in	14.3 in
IW-26V	118 mm	622 mm	364 mm	4.7 in	24.5 in	14.3 in
IW-26H	118 mm	364 mm	622 mm	4.7 in	14.3 in	24.5 in
IC-26	250 mm	600 mm	600 mm	9.84 in	23.62 in	26.62 in

The cutout hole dimensions must be with a maximum deviation of +/- 2 mm equivalent to +/- 0.08 in

**The wall/ceiling must be fitted with studs and braces to secure the backbox in position.**

## Speaker Installation (Not IC-26 – see separate section)

Insert the backbox into the cutout and place it in the center of the cutout.

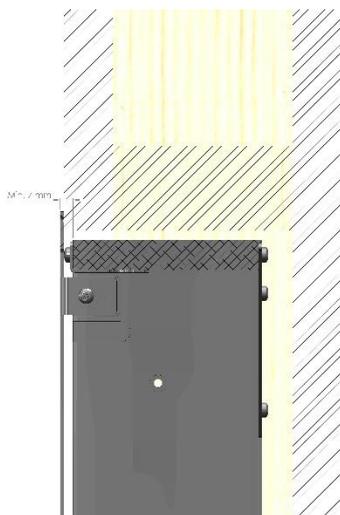


If using a safety wire, you need to pull it now

Secure the backbox in the ceiling/wall – the front bezel is adjustable for easy installation.

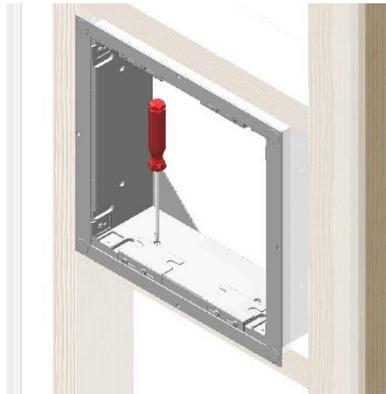
### Note:

The backbox for the IC-16 needs to be mounted as deep as the adjustments allows for the driver not to engage the grill. (118mm / 4.7in)

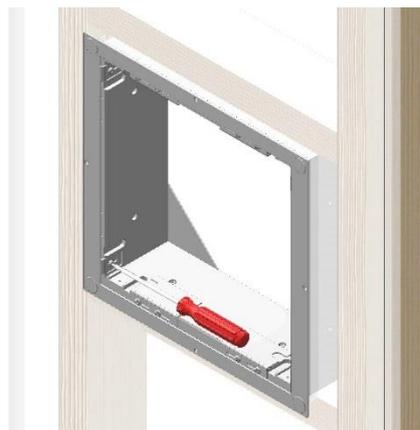


# STEINWAY L Y N G D O R F

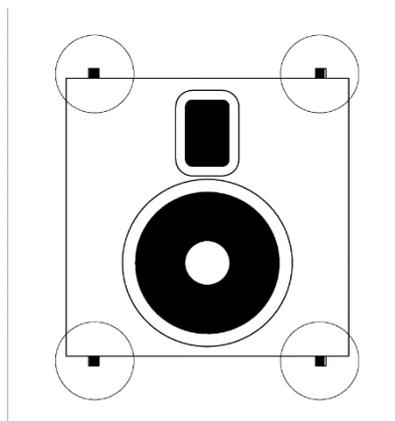
Note that screws are not included. There are pre-drilled holes in all sides of the backbox; they are 4.5mm / 0.18in in diameter.



Fix the bezel to the backbox.

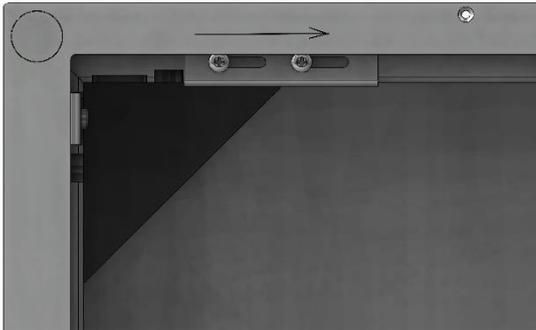


Mount the vibration dampers on the speaker



# STEINWAY L Y N G D O R F

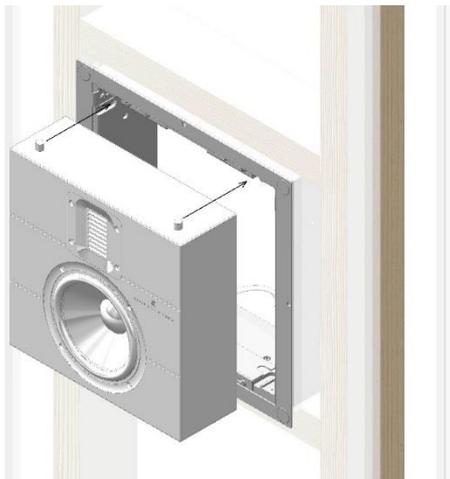
Loosen the screws of the 4 brackets on the backbox and slide the brackets to the sides.



Connect the speaker cable to the speaker



Position the speaker in the backbox and

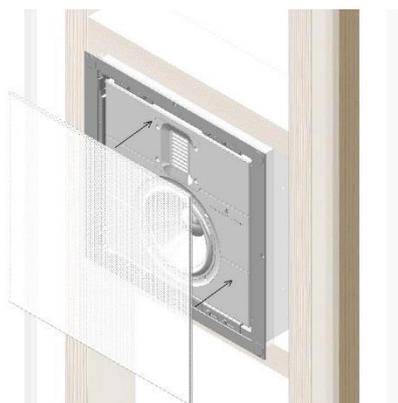


# STEINWAY L Y N G D O R F

Slide the brackets back into place for securing the speaker. Tighten the screws.



Mount the grill by pushing it gently onto the frame until it snaps into place.



This completes the installation of the speaker.

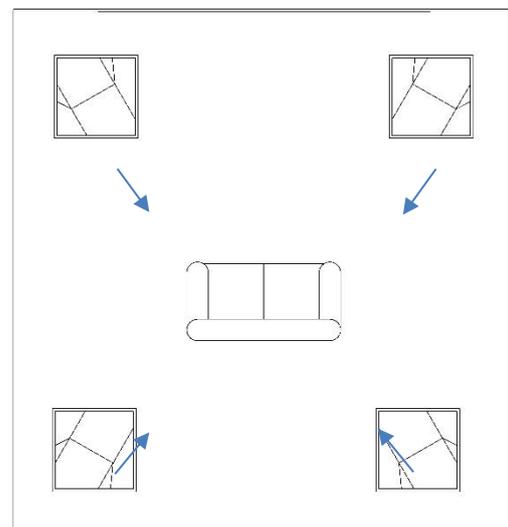
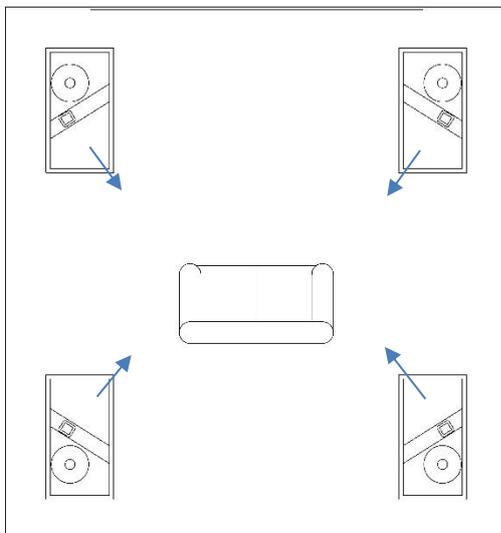


## IC-16 & IC-26 Dedicated Left and Right installations

Please note that there are two different versions of the IC-16 and two different types of Mounting Kits (backboxes) for the IC-26 to direct sound at the listening position.

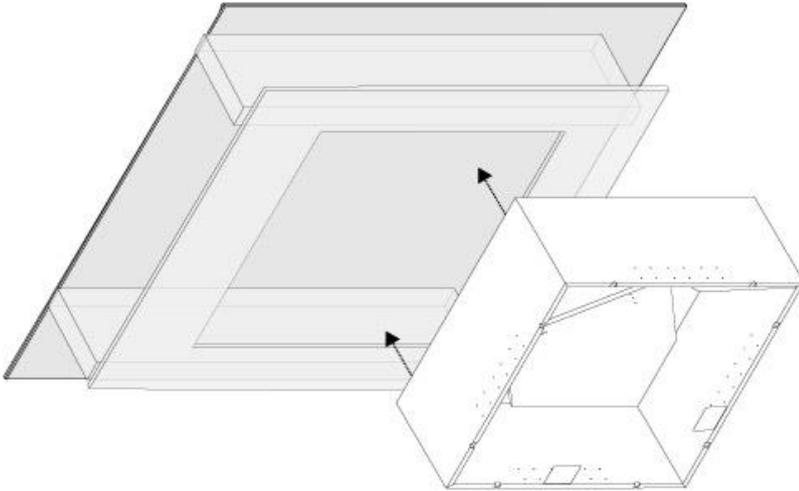
**RTF / LTR** (Right Top Front & Left Top Rear)

**LTF / RTR** (Left Top Front / Right Top Rear)



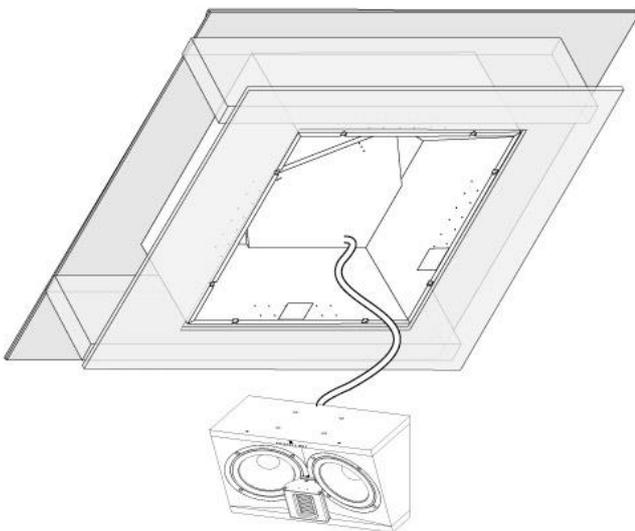
## Speaker Installation IC-26

Insert the backbox into the hole and place it in the center in the cutout.



Install the backbox securely into the ceiling. Screws not included.

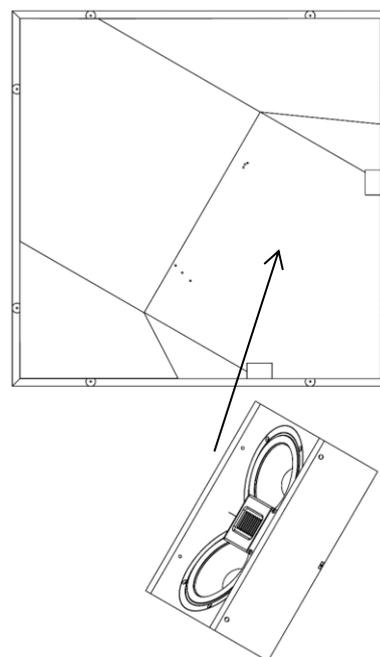
Pull the speaker cable through the backbox and connect it to the speaker.



Attach the safety wire and secure it to the ceiling joist. Safety wire is not included with our kit. Use a wire of enough gauge to support the weight of the speaker and backbox.

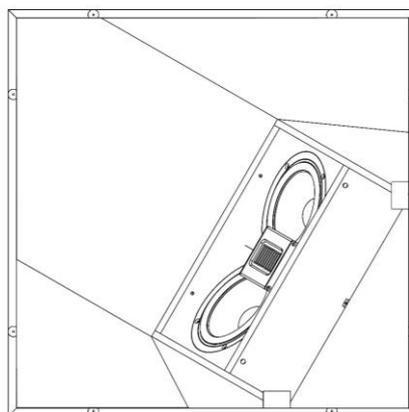
# STEINWAY L Y N G D O R F

Place the speaker into the backbox and angle the speaker into it behind the two metal supports.



By using the pre-drilled holes in the backbox, the speaker can be angled  $\pm 10$  degrees in the box to fine-tune its focus against the listening positions.

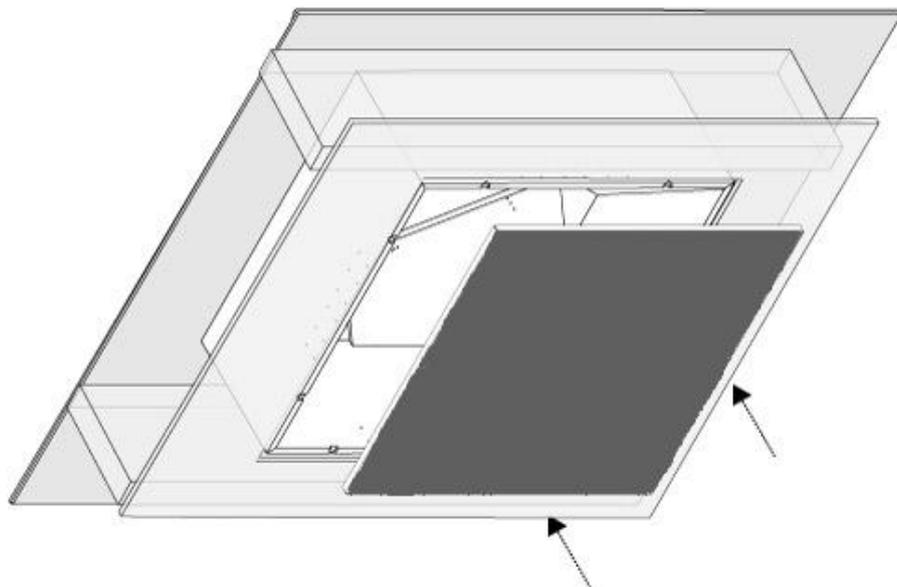
*Floor view:*



# S T E I N W A Y L Y N G D O R F

Mount the black fabric grill front by pushing it gently onto the backbox until the magnets snap into place.

The front grille is 20mm larger than outer dimensions of the backbox, so it covers the edge cutout.



This completes the installation of the speaker.

# S T E I N W A Y L Y N G D O R F

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## **Service Information**

To obtain warranty service, you must contact your original dealer or the Steinway Lyngdorf distributor of the region or country where you are located. If you have trouble locating an authorized representative, please find contact information at [www.steinwaylyngdorf.com](http://www.steinwaylyngdorf.com),

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