

LYNGDORF AUDIO FR-2
**OWNER'S
MANUAL**

Content

COMPLIANCE.....	3
INTRODUCING THE FR-2.....	4
UNPACKING THE FR-2	4
USING THE FR-2 WITH THE 4 SPIKE FEETS.....	5
USING THE FR-2 WITH THE 2 STABILITY FEET.....	6
USING THE FR-2 WITH THE OPTIONAL WALL MOUNT	7
PLACEMENT IN THE ROOM	8
ATTACHING AND REMOVING THE FRONT AND TOP COVERS	9
TECHNICAL SPECIFICATIONS	10
SERVICE INFORMATION	11

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. 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.



Safety Warning - Physical Handling

The FR-2 loudspeakers are very heavy. Follow all instructions for unpacking and installation. Use ergonomically correct body positions. Be careful not to unbalance or drop the speakers during handling. Lyngdorf Audio cannot be held responsible for any physical damage which occurs during the installation process.



Introducing the FR-2

Thank you for purchasing the Lyngdorf FR-2 loudspeaker.

Designed and made in Skive, Denmark, the FR-2 is a floor standing loudspeaker that has been specially designed for placement against the wall to ensure a visually and acoustically ideal room integration.

The FR-2 has been specifically tuned for wall placement, with the woofers located as close as possible to the wall behind the speaker. This leads to an ideal impulse response in the low frequencies and results in a tight and powerful bass, unheard of with most free-standing speakers.

When using the FR-2 together with a Lyngdorf amplifier or processor, the RoomPerfect™ technology calibrates the speaker acoustically to the room, achieving an even better sound performance.

Unpacking the FR-2

1. Move the FR-2 still boxed in its packaging near the final placement of your listening room.
2. Open the FR-2 cardboard box, fold all the cardboard flaps to the sides, and carefully turn the box 180 degrees upside-down.
3. Lift the cardboard box up, remove the foam pads, and unpack the speaker.

Check the speaker immediately for shipping damage. Contact both the shipper and your local Lyngdorf Audio representative immediately if the unit bears any sign of damage.

In some cases, it may be necessary to return the equipment to Lyngdorf Audio or an authorized service provider for repair; therefore, it is recommended that you save your original packing materials. If this unit is shipped without the original packing, damage could occur and void the warranty.

Checking the inventory

Check to ensure that all necessary product components have been delivered. Report all discrepancies to your local Lyngdorf Audio representative immediately.

In the speaker package:

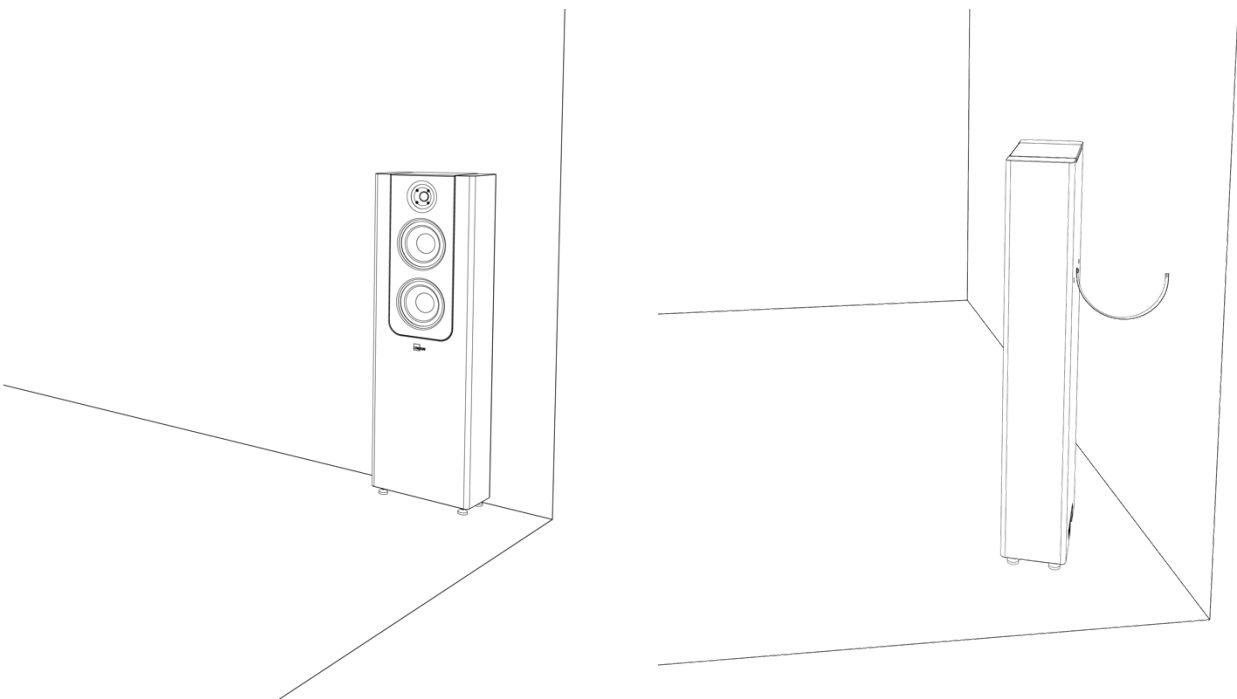
- 1 x FR-2 loudspeaker
- 1 x Owner's Manual
- 4 x Metal spike feet (M8)
- 4 x Protection caps for the spike feet
- 2 x Stability feet including mounting screws and Torx 40 key
- 1 Wall fixing strap including speaker mounting screw

Using the FR-2 with the 4 spike feet

Note: Using either the spike feet or the stability feet or the optional wall mount is mandatory. The FR-2 has a downward facing bass reflex port which requires some air space between the FR-2 cabinet and the floor.

Mounting the spike feet

1. Carefully turn the FR-2 on its back or on the side, using a smooth surface underneath the speaker cabinet. Do not turn the FR-2 on its top because it will be unstable.
2. Insert each spike in the cabinet's metal thread and fix it tightly by hand. Be careful, the spike tips are very sharp.
3. Use the black protection caps to prevent scratches on the floor.
4. Insert the speaker cables, carefully turn the speaker around and place it near its final spot.
5. Use the supplied wall fixing strap to prevent that the speaker accidentally falls over. Attach one part of the wall mount to the back of the FR-2 using the provided thread holes and screws. Attach the counterpart of the wall mount to the wall using suitable wall screws and dowels.
6. Place the speaker at its final position.
7. Loosen, adjust and tighten one or more of the spikes to ensure a stable and level stand.

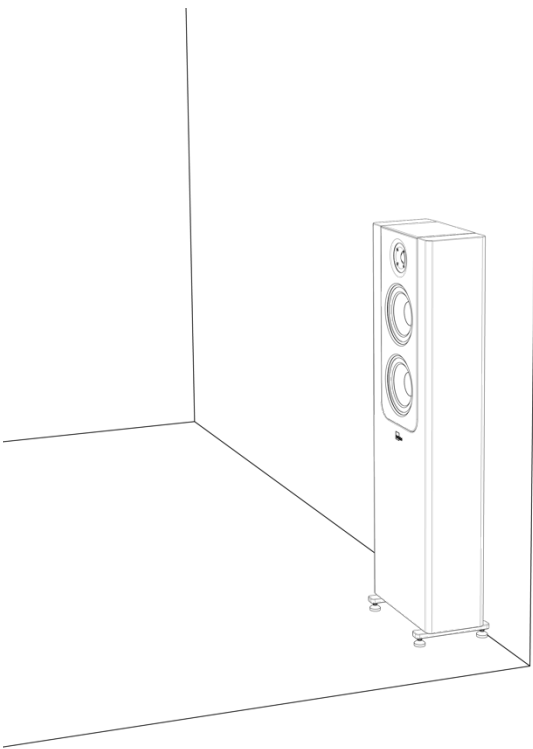


Using the FR-2 with the 2 stability feet

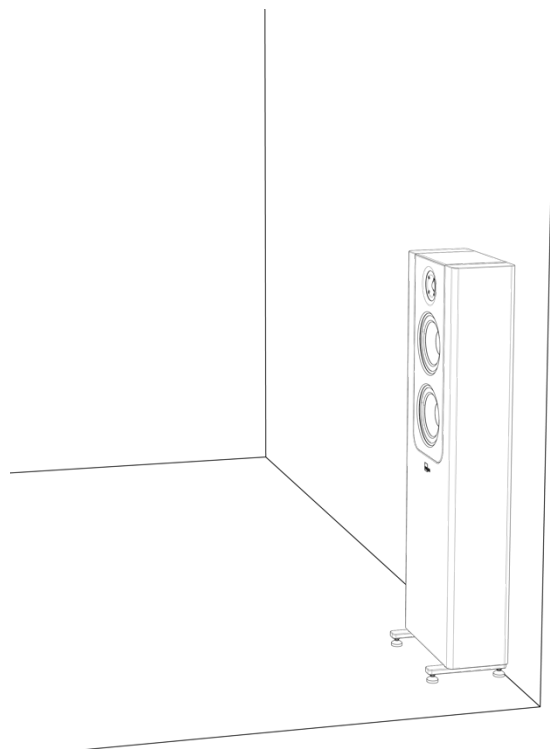
Note: Using either the spike feet or the stability feet or the optional wall mount is mandatory. The FR-2 has a downward facing bass reflex port which requires some air space between the FR-2 cabinet and the floor.

Mounting the stability feet

1. Carefully turn the FR-2 on its side, using a smooth surface underneath the speaker cabinet.
Do not turn the FR-2 on its top because it will be unstable.
2. Align the two stability feet bars and tighten them with the supplied metal screws.
Two positions are possible for a closer or more distant speaker placement against the wall, for example to allow space for skirting boards or cable ducts.
3. Attach the spikes and protection caps to allow levelling the speaker on the floor (optional).
Be careful, the spike tips are very sharp.
4. Insert the speaker cables, carefully turn the speaker around and place it at its final position.
5. Loosen, adjust and tighten one or more of the spikes to ensure a stable and level stand.



Stability feet mounted for added wall distance



Stability feet mounted for closest wall placement

Using the FR-2 with the optional wall mount

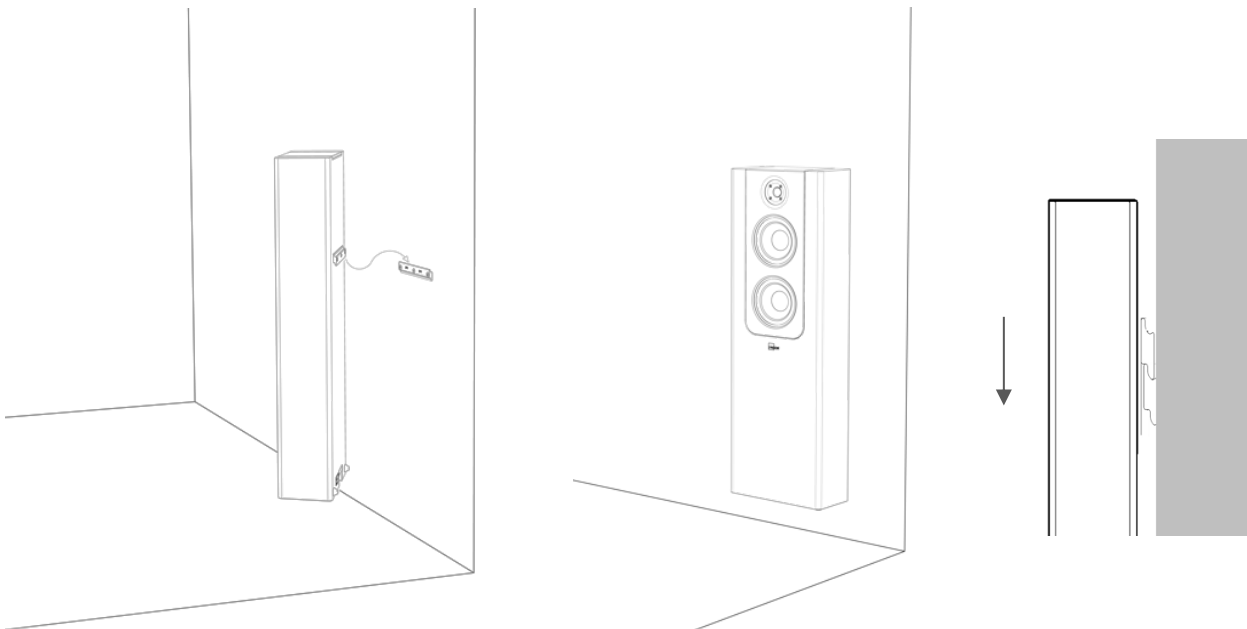
Note: Using either the spike feet or the stability feet or the optional wall mount is mandatory. The FR-2 has a downward facing bass reflex port which requires some air space between the FR-2 cabinet and the floor.

Note: Always choose screws and dowels matching the wall material, the wall construction, and the heavy weight of the FR-2.



Mounting the FR-2 to the wall

1. Attach one part of the wall mount to the back of the FR-2 using the provided thread holes and screws.
2. Attach the counterpart of the wall mount to the wall using suitable wall screws and dowels.
3. Attach the two self-adhesive spacers at the lower part of the speaker backside.
4. Lift the speaker up, move it closer to the wall and slightly above the wall mount until it touches it. Carefully move the speaker down until the two wall mount parts align and the speaker holds. Be careful, the speaker is very heavy.

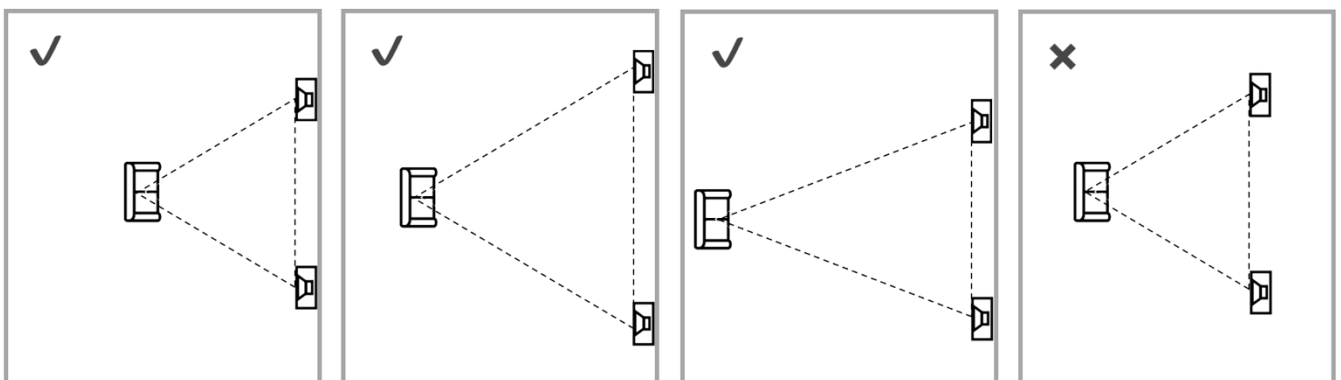


Placement in the room

General advice

Apart from room design aspects, the speaker placement in the room affects the sound performance. As with every loudspeaker, some care should be taken to achieve the best sound performance.

- The FR-2 was designed and tuned for placement against the wall behind the speaker, as close as possible. This leads to an ideal impulse response in the low frequencies and results in a tight and powerful bass. Placing the FR-2 away from the wall behind it will result in an uneven and less powerful bass.
- The FR-2 has a downward facing bass reflex port which requires air space between the speaker cabinet and the floor. Do not place the FR-2 on the floor without the provided spikes, or without the provided stability feet, or without the optional wall mount, or without other suitable after-sales accessory feet that ensure the distance between cabinet and floor.
- The distance to the side walls is determined by the overall room layout and listening distance.
- Ideally, follow the general advice about the stereo triangle, with the main listening position at the tip of an equilateral or isosceles triangle.
- With the right stereo triangle and listening position, the FR-2 requires no toe-in towards the listener.
- The best result is achieved when using the FR-2 together with a Lyngdorf amplifier and its RoomPerfect™ room calibration. When not using RoomPerfect™ room calibration, the best speaker position and listening position in the room can be determined by listening to music, aiming for the most balanced sound across all frequencies. In general, the placement against the wall makes the FR-2 less placement-critical than other speakers, because it acoustically couples better to the room.



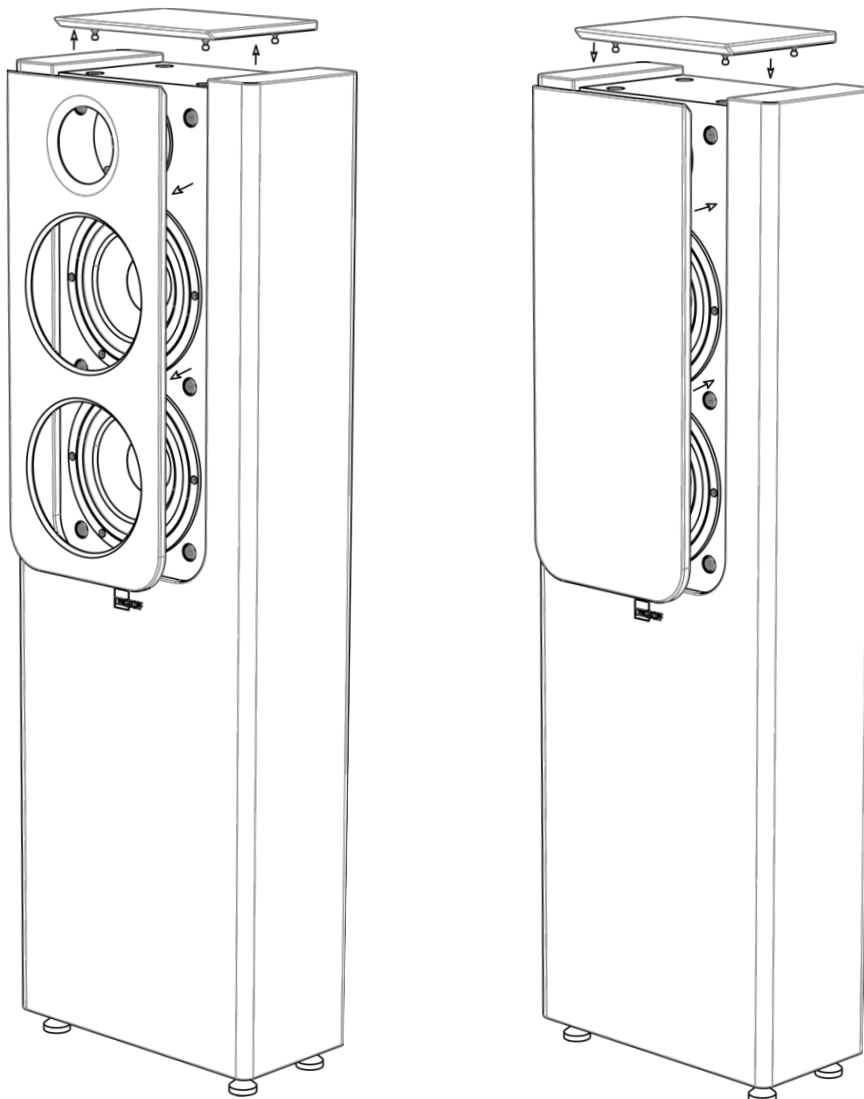
Attaching and removing the front and top covers

Removing the front and top baffles and optional fabric covers

1. Carefully lift the top cover at one corner, then lift the whole panel up.
2. Carefully lift the front cover at one corner, then lift the whole panel up.

Attaching the front and top baffles and optional fabric covers

1. Carefully align the six front cover pins over the six holes, then press until the cover fits.
2. Carefully align the four top cover pins over the four holes, then press until the cover fits.
Note the direction of the top cover with the angled edge towards the front.



Technical specifications

Description:	2-way full-range speaker for wall placement
Power handling:	250 W (IEC)
Tweeter:	1 x 28mm / 1.1" Fabric soft dome
Midrange/woofer:	2 x 180 mm / 6.5", aluminum cone, 35 mm voice coil, vented magnet, vented die-cast aluminum basket
Frequency response:	45 – 20.000 Hz (-3dB)
Enclosure:	Bass reflex port, down facing (40 Hz), MDF construction, internally braced
Nominal impedance:	4 Ohm (min. 3.7 Ohm)
Maximum SPL:	117 dB (1m, peak)
Sensitivity:	92 dB (2.83V/1m)
Crossover frequency:	2.2 kHz
Connections:	Binding posts, gold plated
Recomm. placement:	Floor standing against the wall / on-wall mounted
Dimensions (W x H x D):	32.5 x 102.4 x 16 cm (height including required feet) 12.8 x 40.3 x 6.3 inches (height including required feet)
Weight:	18.0 kg / 39.7 lb
Available finishes:	White/white, black/black, mocca/mocca, white/black, white/mocca, black/mocca
Optional front baffles:	White, black, mocca
Optional fabric covers:	Midnight grey, grey
Accessories:	Wall mount kit

Service information

Service and Warranty

To obtain warranty service, you must contact your original dealer or the Lyngdorf Audio 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

Steinway Lyngdorf

Rævevej 3

DK-7800 Skive

Denmark

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.

Please check the latest version and other languages of this printed manual on our website:

www.steinwaylyngdorf.com

