

STUDIO09

Register your Studio 89 speakers
to ensure the best possible product and customer support

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Welcome to Studio 89

Thank you for purchasing our Studio 89 speakers, you're now ready to start your journey to breathtaking sound.

Born in the 1980s, the legendary Studio Series brought studio monitor-quality sound to the home. Studio 89 is a cutting-edge loudspeaker that takes inspiration from this iconic range and that culturally explosive decade. Inspired by individual expression and the culture that shapes it, Studio 89 is the loudspeaker for the new change-makers.

In this product manual, you'll find information about setting up your speakers and how to maintain your speakers for a lifetime of enjoyment.

If you need any further assistance, please contact our technical team at [monitoraudio.com/support](https://www.monitoraudio.com/support)

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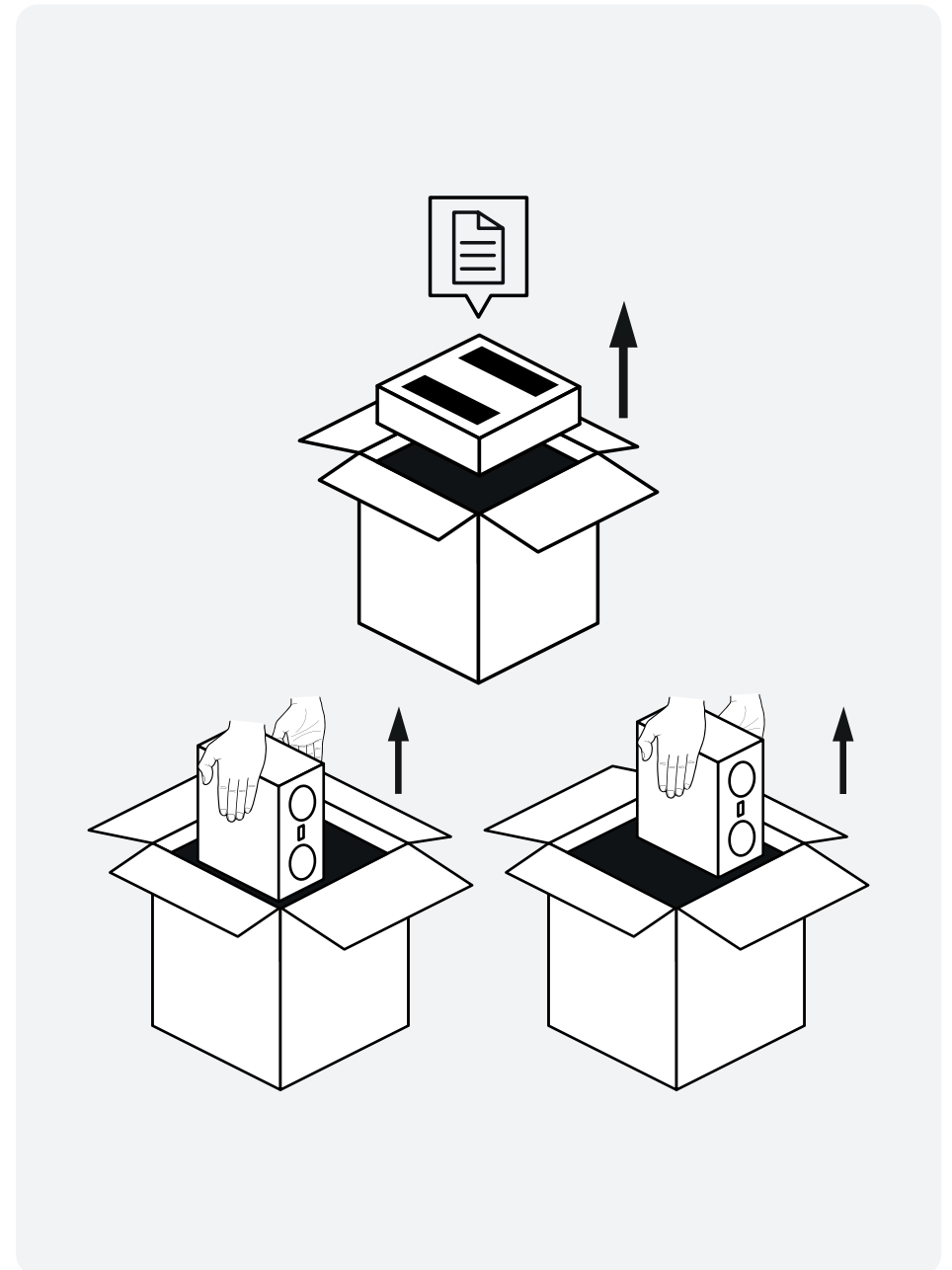
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Unboxing

Before you unpack your speakers, please make sure that there is plenty of clean floor area available. Pictorial guides printed on the carton show you the ideal method for unpacking.

Lay the box down on the floor so the top of the carton is facing up. Remove the Accessories and Documents envelope. Remove the polystyrene top cap. Carefully lift each speaker out of the box, holding the sides of the cabinet.

Remove the loudspeakers from the protective bags.



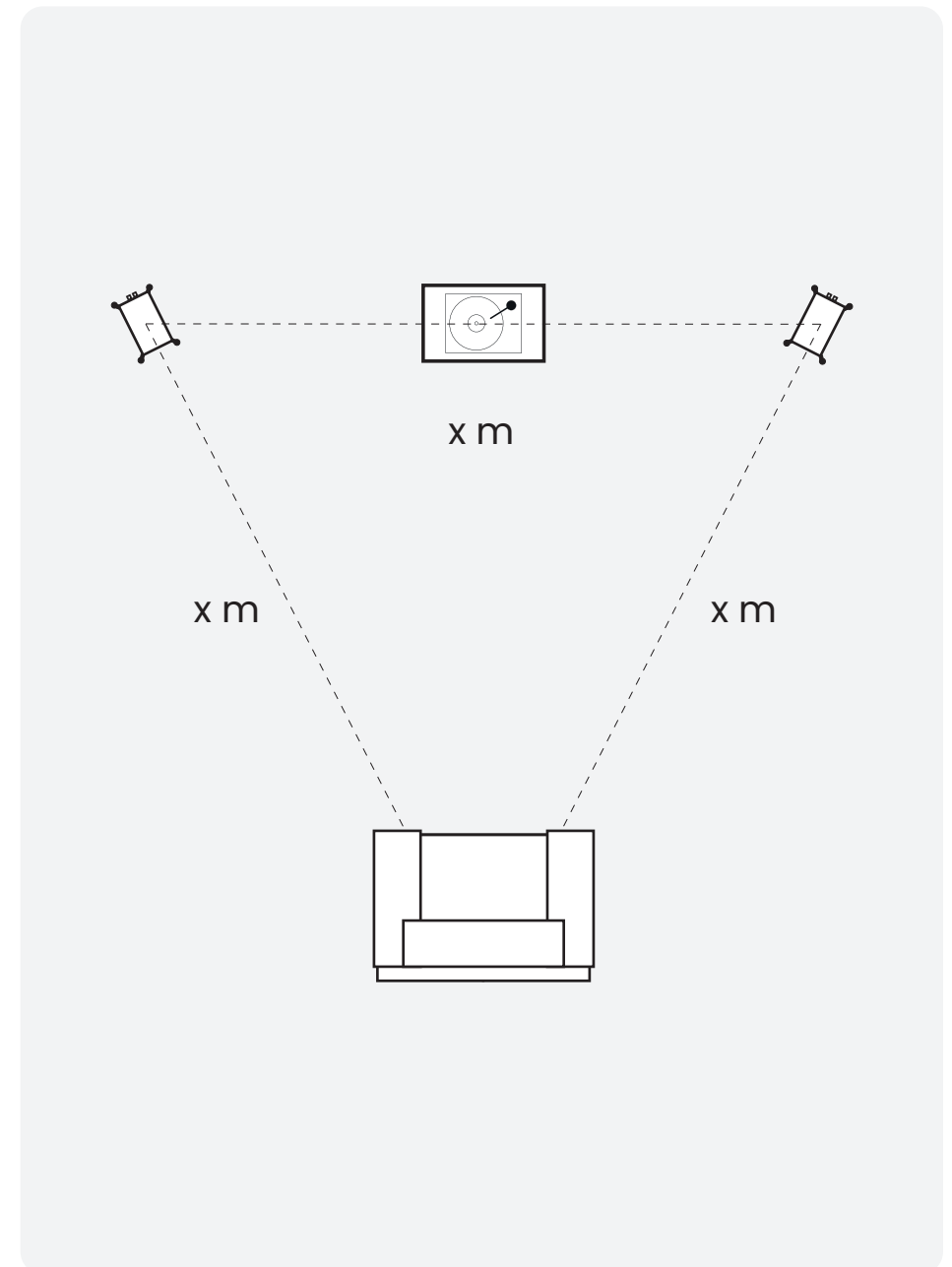
2-Channel Positioning

When arranging a 2-channel system, the listening position and the loudspeakers should form an equilateral triangle. The speakers should be positioned approximately 6 - 10 feet (1.8 - 3m) apart.

The ideal distance from the rear wall varies depending on tastes and room acoustics, however, the speakers need to be a minimum of 3 feet (91cm) from the side walls. They should be sited at about 12" (30cm) from the rear wall for initial listening.

When setting up the speakers, experimentation is strongly advised as environmental acoustics and personal preference differ with every installation. If there is insufficient bass present for example, try moving your speakers closer to a wall. The opposite approach is recommended if there is excessive bass. If stereo imaging is being lost, try 'toeing-in' the speakers slightly.

The sound should appear to originate from the centre point between the speakers, not the speakers themselves.



Bare Wire Connection

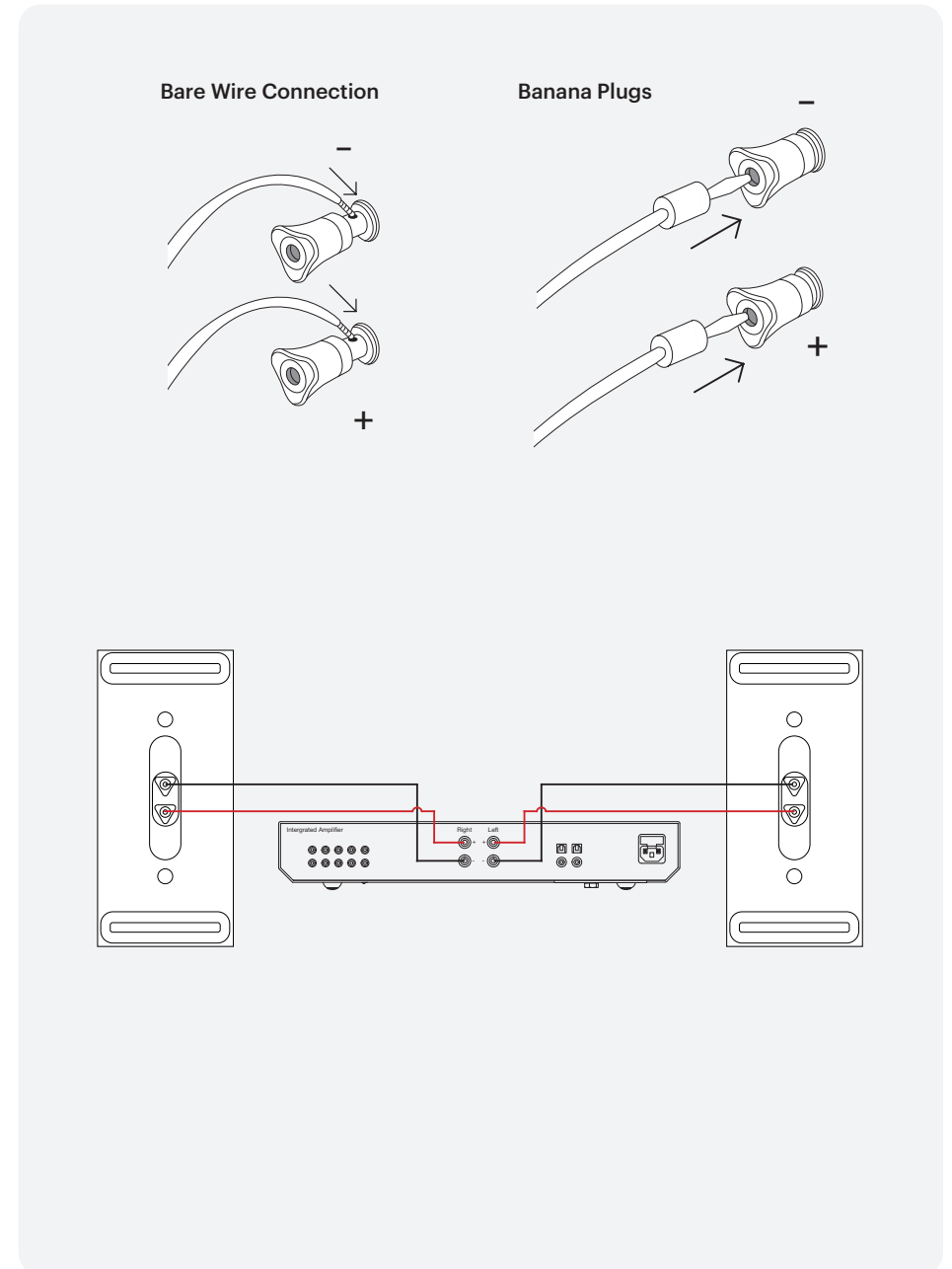
Unscrew the binding posts and pass the bare wire through the hole in the binding post. Tighten the binding post to clamp the wire in place.

Banana Plugs

Remove the small red and black terminal caps. Insert the banana plugs into the standard 4mm holes in the centre of the terminal.

Spade Connectors

Unscrew the binding post and place the spade connector around the exposed thread. Tighten the binding post to clamp the spade connector in place.



Running in your speakers

Run your speakers in by playing normal music or a running-in CD at low-mid listening levels for approximately 50-70 hours play time. You may find the sound will continue to improve even after the 70 hour mark.

This can be done naturally over time: like a fine wine the performance will improve with age.

Alternatively if you wish to run the speakers continuously on loop you can decrease the audible volume/ presence by placing the speakers face-to-face so that the drivers/tweeters are directly aligned and as close as possible. Then connect the amplifier to your speakers so that one is as normal (in phase): positive to positive and negative to negative (red to red and black to black), and the other speaker out of phase: positive to negative and negative to positive inputs on the speaker.

Upkeep of cabinets

The finish of the cabinet can be maintained by regular dusting and polishing using a soft micro fibre cloth and furniture polish. The drive units should only be cleaned with a damp cloth if more than normal dusting is required.

Never use solvents or aggressive cleaning agents on your Studio 89 loudspeakers. When in doubt, test the cleaning product on an inconspicuous area on the cabinet and let it sit for several days before committing to its use on visible portions of the cabinet.

Retention bolt adjustment

The Studio 89 loudspeaker has a bolt-through driver fixing to reduce cabinet colouration. Each bolt acts as a rigid brace, but also removes the need for conventional driver fixings as well, effectively decoupling the driver and front baffle to eliminate a further source of resonance.



NOTE: Should this bolt become loose over time, or has worked loose during transit, then please use the supplied hex key to tighten the bolt back up.

This only needs to be a quarter turn after the strain has been taken by the bolt.

Dedicated stands

Dedicated stands are available, to perfectly compliment both aesthetically and acoustically with the Studio 89 loudspeakers. They feature sturdy 'no ring' construction to add safe support and isolate the speakers from resonant frequencies. The stands' height has again been optimised for listening, aligning the speakers tweeters at ideal ear height within a seated listening position.

For more information please visit our website at monitoraudio.com

Warranty

In the unlikely event that there is a defect with this product, it is covered by the Monitor Audio manufacturer's warranty, provided that the product was supplied by an authorised Monitor Audio retailer.

For the period of cover please refer to the product page on our website at monitoraudio.com

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Specifications

Model	Studio 89
System Format	2-Way
Sensitivity (2.83v @ 1m, Free-Field)	86dB
Recommended Amplifier Power (RMS into 4 Ohm, Music Signal)	50 – 300 W
Continuous Power Handling (RMS into 6 Ohms, Pink Noise with 6dB Crest Factor)	150 W
Nominal Impedance	6 Ohms
Minimum Impedance (20Hz to 20kHz)	4.2 Ohms @ 220 Hz
Drive Unit Complement	2 x 4 ^{1/4"} (108 mm) RDT III Bass-mid Drivers 1 x MPD III Tweeter
Frequency Response Free-Field (-6dB)	53 - 60 kHz
Frequency Response, In-Room (-6dB)	48 Hz - 60 kHz
Maximum Peak SPL (single speaker @1m Z-Weighted)	113 dB
Bass Alignment	Ported
Port Tuning Frequency	58 Hz
Crossover Frequency	2400 Hz
External Dimensions including Terminals (H x W x D)	340 x 157 x 361 mm (13 ^{3/8} x 6 ^{3/16} x 14 ^{9/16})
Weight (each)	7.6 kg (16 lbs 12 oz)

Listen Again.

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