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Loudspeakers Instruction Manual 



Instruction Manual



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Welcome to Source Point 10 Master Edition.

My goal for the original Source Point 10 was to blend long-standing technologies for which I am known with new twists and concepts that further improve their performance. Throughout my career, concentric drivers have consistently delivered what I wish to hear when reproducing music.

The Source Point 10 required a newly developed driver with a large 10inch cone to achieve the required wide frequency response with maximum linearity and low distortion. Each component part of the driver, from the twin drive neodymium motor to the custom paper cone woofer was carefully selected through a two year development process.

For the new Master Edition upgrade, I chose to further develop the crossover network topology and component selection. All the metalized film capacitors have been upgraded to polypropylene, the resistors to metalized film from wire-wound, all component lead out wires to non-magnetic, and all but one inductor to air core. Added circuitry flattens the speaker impedance to improve amplifier matching, and improvements to the response linearity further enhance the performance of the speaker.

In addition a switch has been added that allows the mid/high frequency balance to be adjusted to allow optimization of the speaker performance in rooms with differing acoustic sound signatures.

Please follow the setup guidelines outlined in this manual and then feel free to experiment to optimize your listening experience and preference. I hope you will enjoy

listening as much as I have enjoyed designing this loudspeaker.

Best wishes

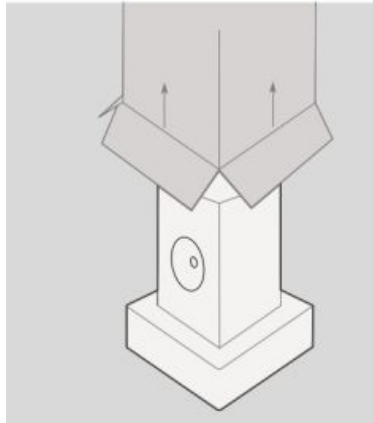
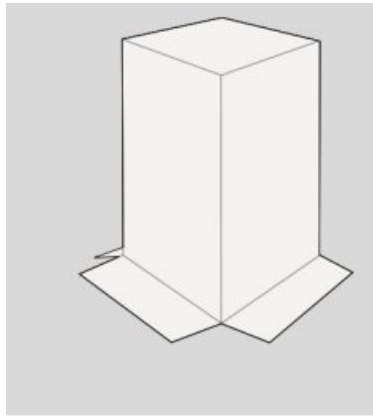
Andrew Jones

Chief Loudspeaker Designer, MoFi Electronics

General Safety and Installation

- Be sure to connect the speakers according to the instructions in this manual.
- Any time you directly handle the speakers, do not place your hand or fingers on the driver cone.
- Do not place the speakers in areas that may be in direct sunlight; have high humidity; are too hot or cold; or that block ventilation openings.
- Do not place the speakers near heat sources such as radiators, valves, stoves, or other heat-emitting apparatus (including amplifiers).
- To prevent overload, avoid playing the speakers at extreme volume levels for extended time periods, particularly if left unattended.
- Clean the speakers with soft, smooth cloth or with a dust brush. Do not use scouring agents, alcohol, benzene, furniture polish, or other agents.
- Do not install the speakers in a closed rack or in a closed cupboard.
- Continuous high volume may also cause severe damage to your hearing.
- Install the speakers on a level surface.
- Do not place on furniture are prone to vibration.
- If the speakers are placed on a piece of furniture, place an anti-slip pad or mat under each speaker.
- Avoid placing anything on top of the speakers, especially products with rubber feet, which may damage the finish.
- **WARNING:** If you mount the speakers on stands, ensure they are stable to avoid the possibility of tipping over and causing potential damage or injury. Stability on carpeted surfaces can be increased by using spikes; do not use spikes on smooth hard floors. Avoid contact with the spike tips, which can be very sharp.

Unboxing Your Speaker

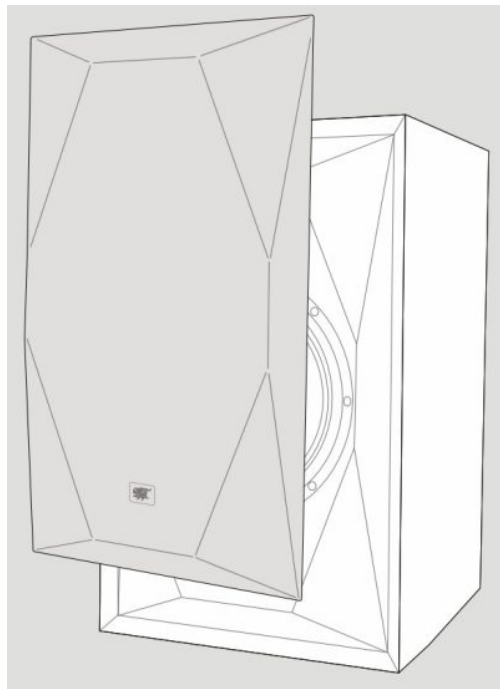


To open the double-boxed package, carefully open the outer carton top flaps and fold them outward.

Next open the inner carton flaps. Fold the flaps outward, flip the box upside-down, and slowly lift the carton to reveal the speaker. One of the pieces of packing foam will likely remain inside the box.

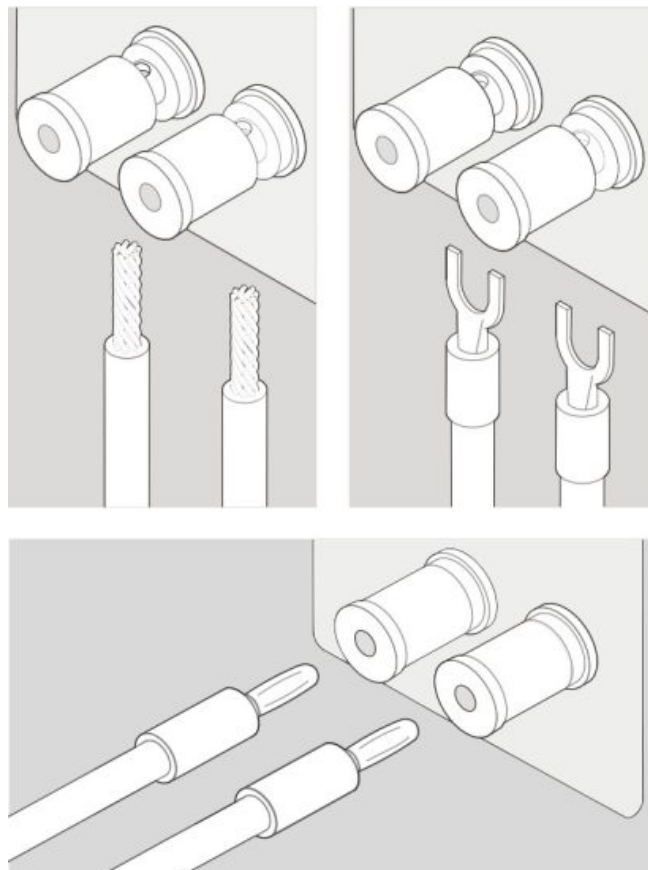
The speaker will now be upside-down and contained within a white protective bag. Carefully lift the speaker from the remaining packing foam and un-bag. Place the speaker on a smooth, clean surface.

Attaching the Grilles



The grilles magnetically attach to the speakers. To affix, simply hold a grille by its edges and hold it up next to the front baffle. It will automatically pull itself to the baffle and self-locate. To remove it, hold the edges and pull it away from the baffle.

Connecting Your Speakers



Power off all partnering audio equipment before connecting the speakers.

Use speaker wire (minimum of 16-gauge) that is appropriate for the power level and quality of your system.

Ensure that you have correct wire polarity; most speaker cables are coded for ease of identification.

Connect one end of the cable to the positive (red) terminal on the amplifier/ receiver and the other end to the positive (red) terminal on the speaker. Follow the same instructions for the negative (black) side.

If using a bare wire connection (rather than spades or plugs), strip approximately 3/4" of the insulation from the ends of the cable, twist the bare strands clockwise, insert it into the binding post, and tighten the post.

Check to see that no stray strands of wire bridge the gap between the terminals.

If using banana plugs make sure terminals are tight and nothing is loose to vibrate.

Tweeter Level Switch



This 3-position switch allows for customizing the sound of the speaker to match the characteristics of your listening room. Depending upon its construction and furnishing, the room might sound overly bright at mid and high frequencies, or overly dull, and will influence the sound that you hear from your speaker.

The switch has three positions; High, Mid, and Low.

Choose the "High" position for heavily damped rooms, the "Mid" for medium rooms, and the "Low" for overly bright rooms.

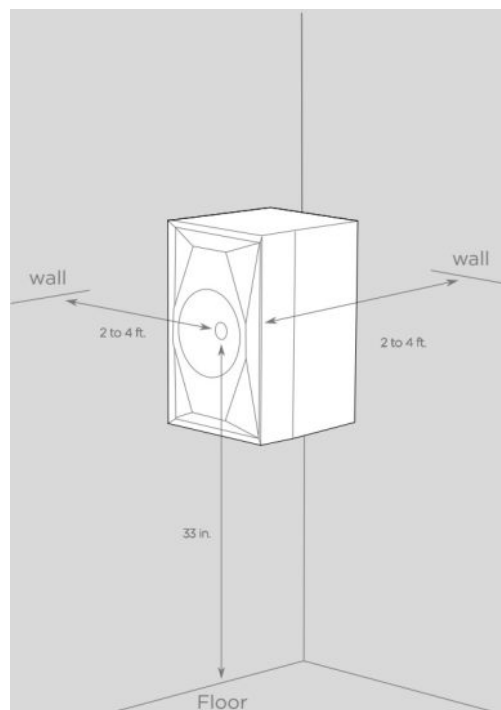
Ultimately, your preferred switch position is your choice and dependent upon the tonality you prefer.

Speaker Placement

There is no golden rule for speaker placement, but following a few general guidelines will help optimize performance. Spend time experimenting with speaker placement, one of the most effective and affordable ways of maximizing the sound quality of these speakers.

Start by placing the speakers approximately one to three feet away from boundaries such as walls and corners. Close proximity to a side or rear wall will enhance bass responsiveness, but if the speakers are positioned too near a boundary, it may sound excessive.

Experimentation is key. Move the speakers around while listening to your favorite tracks and listen for controlled, balanced bass at all frequencies. Focus on the bass relative to the mid-bass and low midrange. Also, listen to male and female vocals, and determine whether the voice is natural without sounding “chesty.”

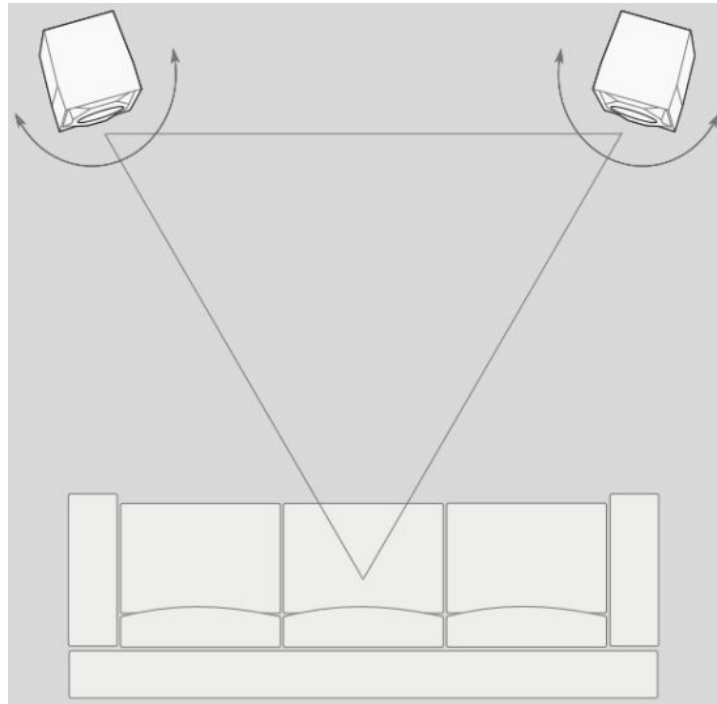


Foam Plugs

If placement close to a rear wall is unavoidable, there is a foam plug included with the speaker that can be placed into one of the vents. It should not matter which vent.

The plug will tune the speaker one half octave lower and simultaneously drop the bass level by an amount that compensates for the added bass due to the wall proximity, thereby correcting the sound balance while also allowing for improved bass extension.

Optimizing Stereo Imaging



Imaging is often overlooked when listening of stereo speakers. If correctly spaced and arranged with an optimal toe-in angle, these speakers can create a large involving soundstage while retaining focused imaging.

Start by placing the speakers so they form an equilateral triangle with the listener. Rotate each speaker so that it points towards the listener. With the concentric-driver utilized in these speakers, you may get best results by rotating the speaker so that their axes points slightly in front of or behind the listener. To determine which sounds best, cue up some music and listen to the size and scale of the sound field, and how focused center voices sound.

Also, try moving the speakers further apart, or closer together, and listen again for imaging. Be aware that as you move the speakers further apart, they will come closer to the side walls. You can compensate for potential sound by toeing in the speakers to a greater degree. After you try out different setups, choose the option that sounds the best to you. There is no right or wrong.

Source Point 10 Master Edition

Frequency Range	42Hz-30kHz
Nominal Impedance	8 Ohms, 6.2 Ohms minimum


Sensitivity	91dB/2.83V/1m
Crossover Frequency	1.6 kHz
Max Power Input	200W
Tweeter	1.25" wide roll soft dome
Midrange	10" Paper Cone
System Configuration	2 way vented box, concentric driver
Cabinet Finish	5-way
Binding Post	Satin black painted baffle / Satin real wood Walnut or Black Ash veneer
Dimensions (W x D X H)	14.5" x 22.5" x 16" 368mm x 572mm x 406mm without grille 14.5" x 22.5" x 16.6" 368mm x 572mm x 422mm with grille
Weight	46.2 lbs / 21 kg



www.mofielectronics.com

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Chicago IL

Documents / Resources

	<p>MoFi ELECTRONICS Source Point 10 Master Edition Loudspeakers [pdf]</p> <p>Instruction Manual</p> <p>Source Point 10 Master Edition Loudspeakers, Source Point 10, Master Edition Loudspeakers, Edition Loudspeakers, Loudspeakers</p>
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References

- [User Manual](#)

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