JBL SYNTHESIS

QUICK START GUIDE

SCL-10 / SCL-10XL

Introduction

Congratulations, and thank you for purchasing JBL Synthesis Custom Loudspeakers (SCL) series in-wall loudspeakers. For more than 80 years, JBL engineers have been providing audio equipment for homes, concert halls, recording studios and movie theaters around the world, and JBL products have become the hands-down choice of leading recording artists and sound engineers. The SCL-10 and SCL-10XL are the latest members of the JBL Synthesis Home Theater system.

Please take the time to study this document so that you can obtain the best possible performance from your loudspeakers. For more information and other languages, visit https://www.jblsynthesis.com.

Should further assistance be required feel free to contact JBL Synthesis technical support at the numbers below.
Inside the US and Canada: +1 888.691.4171
Outside the US and Canada: +44 1707 668 012

Package Contents

Each SCL-10 / SCL-10XL package contains:

- 1x JBL Synthesis Custom Loudspeaker
- 1x Quick-start Guide & Safety Sheet
- 1x Magnetically Attachable Grille

If you suspect that there has been shipping damage, report it immediately to your dealer. We recommend that you keep the box and packing materials for future use.

WARNING: HARMAN International assumes no responsibility for improper installation of hardware or for any personal injuries or product damages resulting from improper installation or a fallen loudspeaker.

© 2026 Harman International

Connecting the Speakers to Amplification

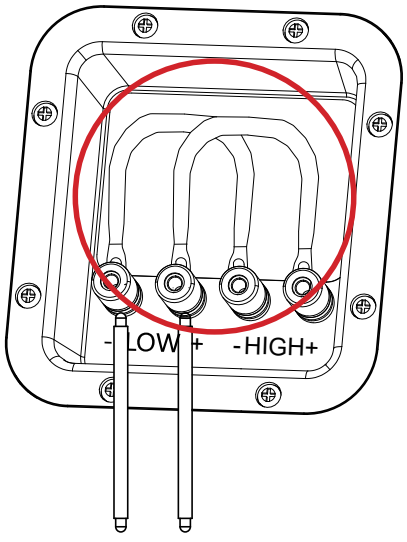
To connect the SCL-10/SCL-10XL loudspeakers to power amplifier(s) or a receiver, use two-conductor insulated speaker wire. The spring-loaded binding posts can accommodate up to #10 AWG stranded wire.

Wire Length	Recommended Size
Up to 20 ft.	14-gauge
Up to 30 ft.	12-gauge
Greater than 30ft.	10-gauge

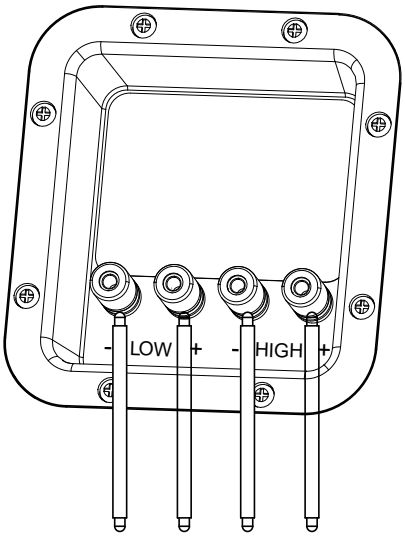
Preparing the Hook-Up Wire

1. First determine the distance between your amplifier and the most distant speaker in each group (fronts, surrounds, back surrounds, passive subwoofers).
2. Now make the hookup wires for all speakers in each group this length, even if one speaker is much closer to your amplifier than the other. This will help maintain proper signal balance. Remember to make extra wires for bi-amp or bi-wire usage should this be selected.
3. Strip off 3/8" of insulation from both ends of each conductor.
4. Twist each set of stranded wires into a tightly bunched spiral. Run wires through walls to the mounting positions.
5. It is important to connect all speakers identically: (+) on the speaker to (+) on the amplifier and (–) on the speaker to (–) on the amplifier.
6. If using the speaker(s) in bi-wire/bi-amp mode, it is important to remove the jumpers as shown in the image on the right.
7. If using the speakers in single-channel amplification mode, it is important that the jumpers be connected as shown in the image on the left.

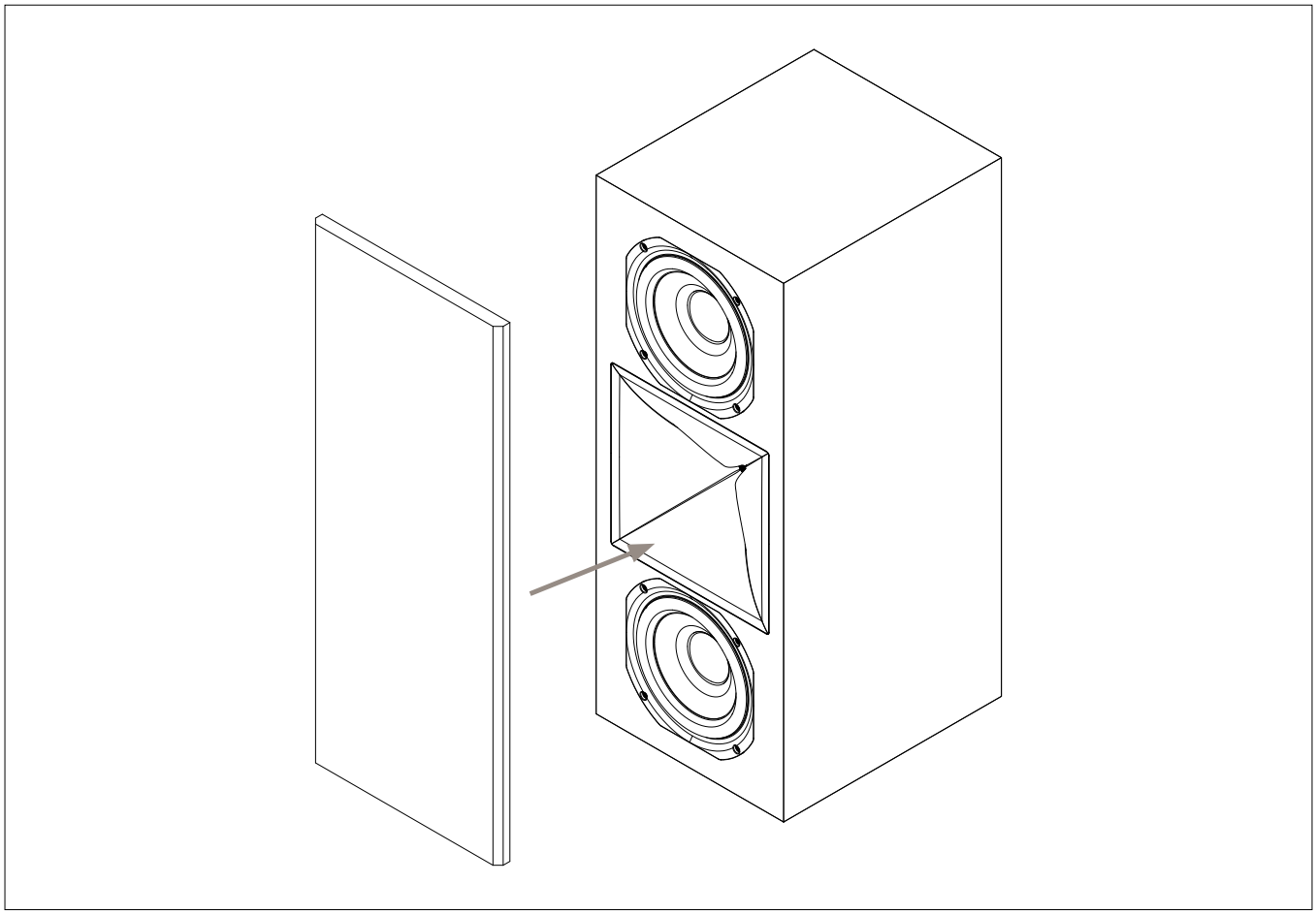
Single-Channel Amplification



Bi-Wire/Bi-Amplification



© 2026 Harman International



产品中有害物质的名称及含有信息表

部件名称	有害物质									
	铅（Pb）	汞（Hg）	镉（Cd）	六价铬（Cr(VI)）	多溴联苯（PBBs）	多溴二苯醚（PBDEs）	邻苯二甲酸二正丁酯（DBP）	邻苯二甲酸二异丁酯（DIBP）	邻苯二甲酸丁苄酯（BBP）	邻苯二甲酸(2-乙基)已酯（DEHP）
木箱	o	o	o	o	o	o	o	o	o	o
金属件	×	o	o	o	o	o	o	o	o	o
线路板及其组件	×	o	o	o	o	o	o	o	o	o
塑胶件	o	o	o	o	o	o	o	o	o	o
喇叭单元	×	o	o	o	o	o	o	o	o	o

注1: o :表示该有害物质在该部件所有均质材料中的含量均不超出电器电子产品有害物质限制使用国家标准要求。
× :表示该有害物质至少在该部件的某一均质材料中的含量超出电器电子产品有害物质限制使用国家标准要求。
注2: 以上未列出的部件,表明其有害物质含量均不超出电器电子产品有害物质限制使用国家标准要求。

在中华人民共和国境内销售的电子电气产品上将印有"环保使用期"(EPuP)符号。
圆圈中的数字代表产品的正常环保使用年限。

合格证

HARMAN International Industries, Incorporated
8500 Balboa Boulevard, Northridge, CA 91329 USA
EMEA Liaison Office, Danzigerkade 16G, 1013 AP
Amsterdam, The Netherlands.
Ground Floor, Westside 2, London Road, Apsley, Hemel
Hempstead, Hertfordshire, HP3 9TD, United Kingdom.
www.jblsynthesis.com

Atenção: conforme lei brasileira nº 11.291, a exposição prolongada a ruídos superiores a 85dB pode causar danos ao sistema auditivo.

© 2026 HARMAN International Industries, Incorporated. All rights reserved.
JBL Synthesis is a trademark of HARMAN International Industries, Incorporated, registered in the United States and/or other countries. Features, specifications and appearance are subject to change without notice.