SL-1
Soundsteer Loudspeaker System

A History of Innovation

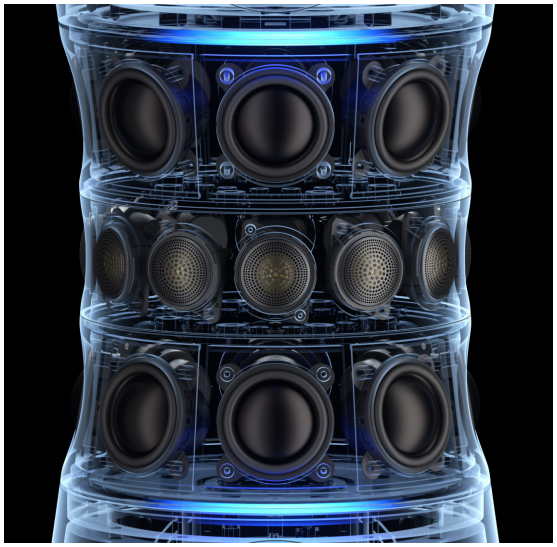
Since 1971, Lexicon has been at the leading edge of technology, helping to innovate both professional and consumer audio. From the world's first commercially available digital effects processor to the automatic room equalization system, each product reflects a love of sound reproduction and commitment to the artistic process. The Lexicon SL-1 joins this legacy of innovation as the first loudspeaker to utilize SoundSteer technology.

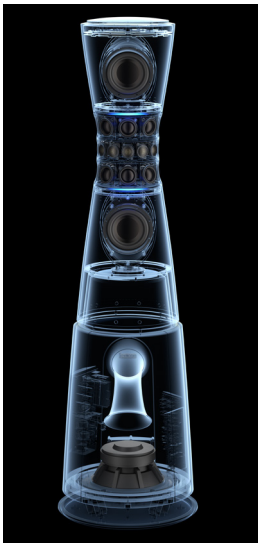
SoundSteer Technology

SoundSteer Technology utilizes DSP array processing to control the audio directivity via beamforming. The advanced algorithm adjusts the location and size of the listening "sweet spot" in real time so the user can optimize the listening experience to suit their individual needs. The Lexicon SL-1 represents a breakthrough in audio innovation as a fully active, wireless, high-resolution loudspeaker solution with unique ability to beamsteer to your listening position using SoundSteer technology.

Lexicon SL-1 SoundSteer Loudspeaker System

The Lexicon SL-1 SoundSteer loudspeaker system includes two floorstanding loudspeakers with 66 total speaker drivers utilized in 360-degree configurations, powered by 46 discrete amplifiers outputting 1300W RMS of power per system. The SLC-1 Wireless Controller transmits pristine, 24-bit high-resolution audio from various media sources via analog and digital audio inputs. Use the downloadable SoundSteer mobile device app to "steer" the audio anywhere you want it.





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Lexicon SL-1 Loudspeaker

Each Lexicon SL-1 loudspeaker delivers high-resolution audio through 33 speaker drivers (12 tweeters, 16 midrange, 4 woofers and a subwoofer) with 23 channels of amplification, delivering 650W RMS of power. Dual LED rings indicate the beam width & direction. A removable 4-panel cloth grille exposes the loudspeaker's elegant hourglass design.

Features

- 33 speaker drivers
  - 12 x ¾" (19mm) Tweeters
  - 16 x 2" (50mm) Mid-range
  - 4 x 5.25" (135mm) Woofers
  - 1 x 10" (250mm) Integrated Subwoofer
- 23 channels of amplification
- 650 Watts RMS
- 2 LED rings to indicate beam width & direction
- Grille on/off auto-EQ optimization settings

Lexicon SLC-1 Wireless Controller Hub

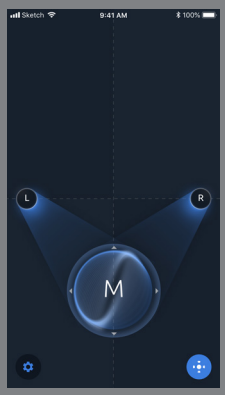
The Lexicon SLC-1 controller is a wireless audio/video playback interface allowing compatibility from various A/V media sources to the SL-1 loudspeakers. It includes HDMI switching, support for 4K UHD video signals, 3.5mm Analog, Optical S/PDIF, Ethernet, Wi-Fi, Bluetooth, and is supplied with a remote control.

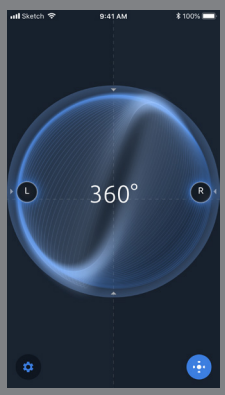
Features

- 24-bit Audio Connectivity
  - 4 HDMI – In
  - 1 HDMI – Out with ARC
  - 3.5mm Analog Aux – Input
  - Optical SPDIF – Input
  - Ethernet – 10/100 Mbps – RJ45 connector
  - Google Cast™
  - Bluetooth®
  - WiFi (802.11b/g/n/ac)
- Audio formats supported: PCM, AAC, FLAC, MP3, WMA (HDMI and SPDIF)
- Dolby Digital
- DTS Digital Surround (HDMI and SPDIF)
- UHD Video – Up to 4K; HDCP 2.2 compliant

SoundSteer Mobile App

The companion SoundSteer mobile app for Android and iOS devices allows you to control the size and position of the listening sweet spot in real time so you can optimize the listening experience to suit your individual needs. User-defined presets allow you to save your configurations.





Features

- SoundSteer control
  - Sweet spot size
  - Sweet spot location
  - Sweet spot user presets
- Support for iOS and Android devices
- EQ controls

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