

SOUNDSPHERE[®]
LOUDSPEAKERS

The Best Sound Around.™

Soundsphere® omnidirectional speakers and speaker systems feature hemispherical dispersion and full-range sound, creating solutions for a multitude of applications and environments.

From offices to ice arenas, from conference rooms to convention centers, there is a broad coverage solution from Soundsphere, the leader in omnidirectional speaker technology since 1976.

The presence of mid and high frequencies directly affects the quality of music, as well as speech intelligibility. Soundsphere speakers produce low, mid and high frequencies equally throughout their 180° x 360° area of coverage, maximizing speech intelligibility and music quality under — and to all sides of — the speaker.



Made in America



Why Soundsphere® Speakers Work So Well

Soundsphere® speakers produce a diffuse sound field that will not sound harsh or blaring anywhere over their broad coverage area. Listeners seldom perceive a source of sound, but rather a field of sound that appears to come from everywhere. Voice announcements and music are more pleasing and less intrusive than with conventional loudspeakers, and fewer speakers are needed to cover a given area. Fewer sources of sound mean simpler sound systems and fewer problems in acoustically difficult spaces.

Because of their broad coverage, Soundsphere speakers are generally placed overhead instead of in corners or along walls. The speakers are thus closer to more listeners, allowing them to hear more clear, direct sound in proportion to non-distinct reverberant sound. Another benefit derived from the broad dispersion is that Soundsphere speakers can be used in multiple-speaker systems without the engineering necessary to cluster conventional speakers.

Soundsphere speakers come in a wide range of sizes to satisfy a wide variety of applications. Please see our Products page for details and complete technical data sheets on each of our models, or contact us to find out which Soundsphere speaker is right for you.

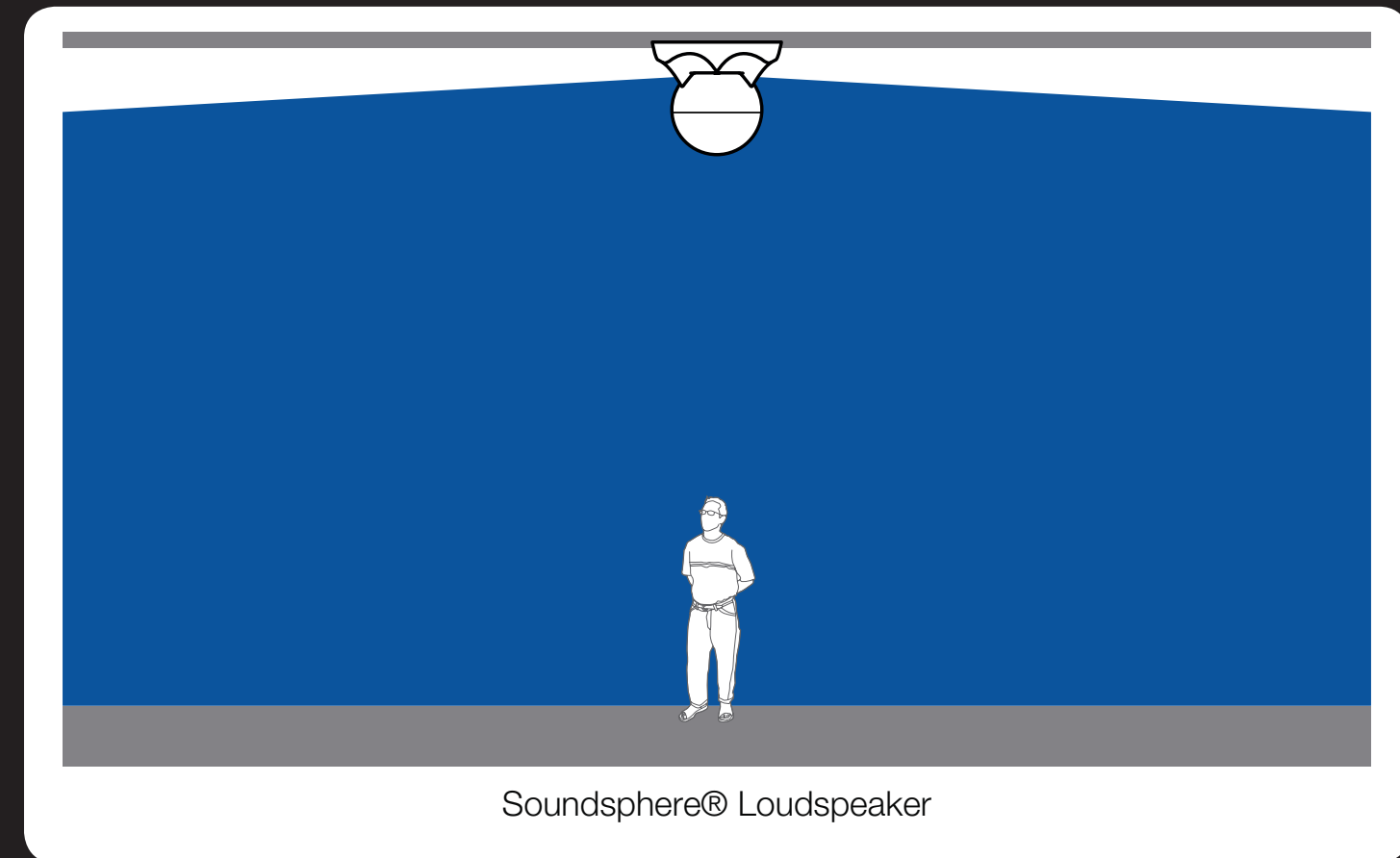
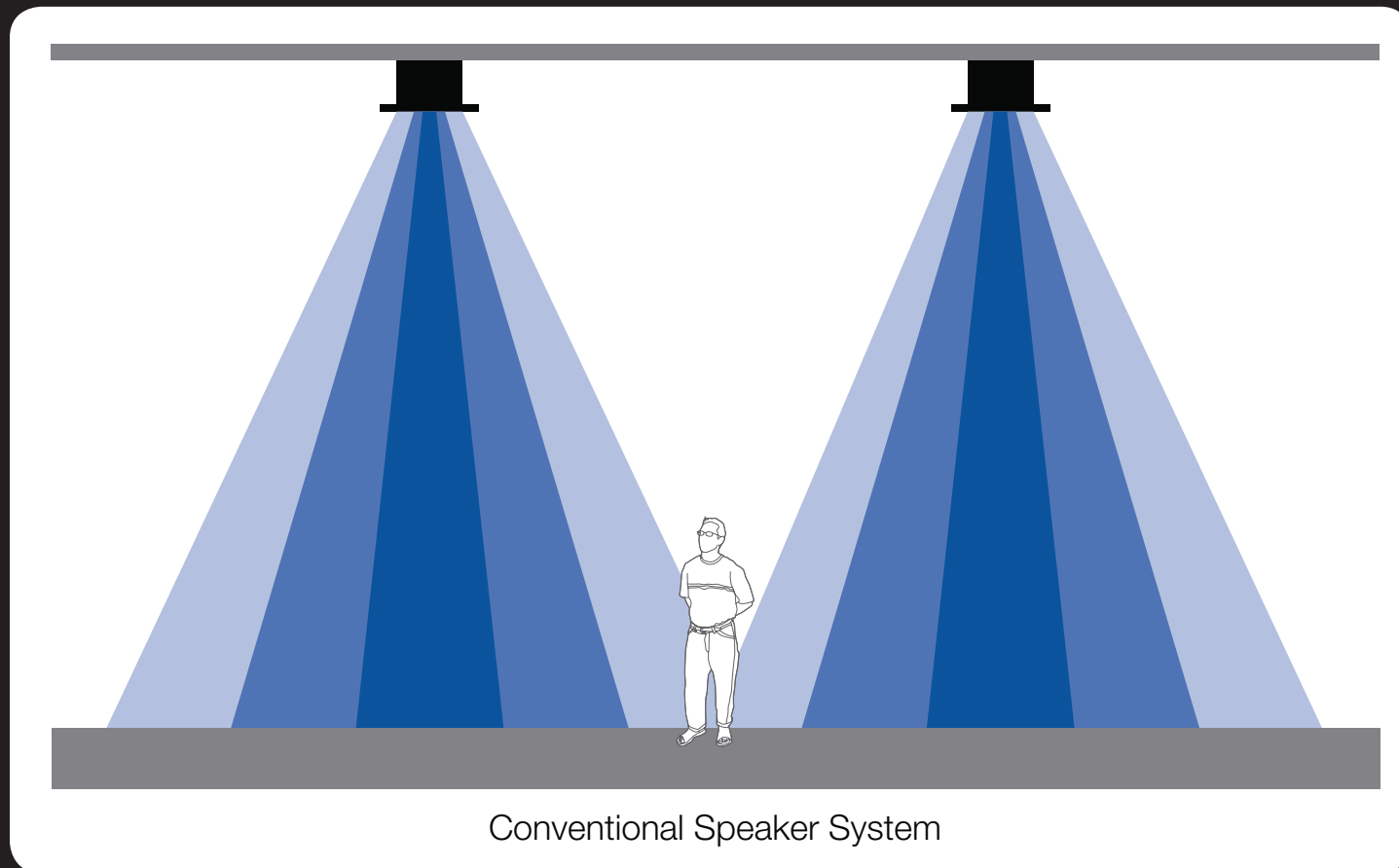
Superior Service. Quality Guaranteed.

The Soundsphere Engineering Department collectively represents more than 50 years of experience in public area and commercial sound system development and application. Our technical team of specialized design, development, application and acoustical engineers brings a combination of both innovative and proven design concepts and practices to the Soundsphere speaker product line. Soundsphere engineers can offer fast, efficient and cost-effective answers to your public area or commercial sound system requirements.

Soundsphere speakers are made in the U.S.A. from the finest components. They are warranted for five years, though speakers made in the first days of the company's existence are still in operation worldwide. Soundsphere speakers can be hung or mounted in minutes, making them easy to demonstrate on-site. Contact us today to find out how Soundsphere can enhance the sound experience in your facility!

Added Benefits

Soundsphere® speakers can be installed easily and quickly. Even large systems can be installed in a day or less. The speakers are available in several standard colors and can be made to coordinate with any existing color scheme. The quality of materials and rugged construction of the speakers make them resistant to potential damage in facilities like gymnasiums and factories.



OMNIDIRECTIONAL SPEAKERS

Every Soundsphere® omnidirectional speaker produces a hemisphere of full-frequency sound. Conventional speakers produce coverage patterns that vary with frequency. You may have noticed this phenomenon in places with common ceiling speakers; you hear the bass everywhere, but as you move away from the speaker, the mid- and high-frequency sounds disappear.



110B



110 Page



Q-6



Q-8

System Type	Dual Cone 6-1/2"	6-1/2" Single Cone	Coaxial 6-1/2" LF, 1/2" dome HF	Coaxial 8" LF, 1" dome HF
Frequency Response	220Hz - 18kHz ± 3dB	500Hz - 5.5kHz ± 3dB	220Hz - 20kHz ± 3dB	200Hz - 17kHz ± 3dB
Height	11-7/8" (302mm)	11-7/8" (302mm)	11-7/8" (302mm)	19" (483mm)
Reflector Diameter	14-7/8" (378mm)	14-7/8" (378mm)	14-7/8" (378mm)	20" (508mm)
Sphere Diameter	10" (254mm)	10" (254mm)	10" (254mm)	16" (406mm)
Weight	8 lbs (3.6kg)	8 lbs (3.6 kg)	8 lbs (3.6 kg)	22 lbs (10 kg)
Certifications	CE, WEEE	CE, WEEE	CE, WEEE	CE, WEEE



Q-12A



Q-12AWR



Q-15



Q-SB2

System Type	12" True Coaxial	12" True Coax	15" True Coaxial	2x18" Woofer
Frequency Response	120Hz - 13kHz ± 3dB	120Hz - 13kHz ± 3dB	90Hz - 17kHz ± 3dB	40Hz - 200Hz ± 10dB
Height	25" (635mm)	25" (635mm)	33" (840mm)	32" (813mm)
Reflector Diameter	26" (660mm)	26" (660mm)	32" (815mm)	---
Sphere Diameter	22" (560mm)	22" (560mm)	27" (685mm)	32" (813mm)
Weight	39 lbs (17.6 kg)	39 lbs (17.6 kg)	63 lbs (28.6 kg)	82 lbs (37.2 kg)
Certifications	CE, WEEE	CE, WEEE	CE, WEEE	CE, WEEE

Q-COMBO KITS

The Q-12A Combo system creates a single source of sound using multiple Q-12A loudspeakers in acoustically difficult spaces when more than one speaker is required. Q-12A Combo systems are available in two or four Q-12A speaker configurations, with or without the Q-SB2 sub bass.

The Q-12A system features superior performance from a single source in larger spaces. Q-12A Combo systems that include a Q-SB2 create a single source of high-fidelity, intelligible sound with deep, extended bass. Combo units including the Q-SB2 unit include an electronic crossover.

MODEL Q-12A COMBO KITS:

Q-12A Combo 2: Includes 2 Model Q-12A loudspeakers and BK2 Boom Kit

Q-12A Combo 3: Includes 2 Model Q-12A loudspeakers, 1 Q-SB2 subwoofer, BK3 Boom Kit, and a Q-CX electronic crossover.

Q-12A Combo 4: Includes 4 Model Q-12A loudspeakers and BK4 Boom Kit

Q-12A Combo 5 (shown): Includes 4 Model Q-12A loudspeakers, 1 Q-SB2 subwoofer, BK5 Boom Kit, and a QCX electronic crossover.



Model Q-Combo 5

ACCESSORIES



Hanging kits for single point suspension. Extension cables, for use with hanging kits, facilitate lower mounting heights when required. Beam clips and clamps quickly provide suspension points in open beam or truss ceilings. Mounting brackets for installation on flat surfaces.

AMPLIFIERS

On-board low voltage amplifiers with line level inputs and level control. For use with 110B and Q-6 models.

LINE TRANSFORMERS

Available for every Soundsphere speaker except Q-SB2. Soundsphere transformers are designed for use in 25V, 70V, and 100V constant voltage systems and feature excellent broad band performance. 15-250 Watts.

Q-CX

Compact electronic crossover for systems which utilize Q-SB2 bass supplement speakers.

APPLICATIONS

110B | 110 Page | Q-6 | Q-8



110B

For seamless background music & clear voice announcements

Applications

Supermarkets & Retail Stores | Factories | Warehouses | Courtrooms | Classrooms & Other Educational Facilities | Stadium or Arena Concourses, Gift Shops & Rest Rooms | Airports & Transportation Centers | Office Building Reception Areas | Restaurants | Casinos | Shopping Center Common Areas & Food Courts

Features

The Soundsphere® Model 110B loudspeaker was designed to provide clear voice announcements, seamless background music and even, omnidirectional coverage. The Model 110B is a compact, unobtrusive speaker that is just 10" in diameter and offers fast distributed system installation. The 110B comes fully assembled, and its light weight allows many mounting possibilities, using either our hanging kit or mounting bracket. Available in standard white or optional black.



110 Page

For critical announcements that need to be both heard and understood

Applications

Factories | Warehouses | Fire Houses/EMS Facilities | Airports | Train Stations | Cruise Terminals | Correctional Institutions | Municipal Buildings

Features

Unlike conventional paging horns that deliver harsh, unintelligible sound, the 110 Page leverages Soundsphere's trademark 360-degree horizontal dispersion for superior off-axis response and extremely high intelligibility. The paging speaker's broad coverage range covers more area than other speakers and paging horns, making it a cost-effective solution across a wide variety of applications. A Neodymium-ferrite hybrid magnet system provides superior sensitivity. For applications where OSHA compliance is required, the 110 Page is a cost-effective solution that does not compromise on performance or aesthetics. Available in standard white or optional black.



Q-6

For full-range music and voice

Applications

Health Clubs | Sports Bars | Restaurants | Hotel Lobbies | Classrooms | Retail Stores | Shopping Center Common Areas & Food Courts | Outdoor applications requiring weatherproof speakers

Features

The Q-6 is Soundsphere's most compact weatherproof loudspeaker, offering omnidirectional full-range music and clear voice announcements for both indoor and outdoor installations. The Q-6's enclosure and reflector are made with structural foam polystyrene and rustproof hardware, making them impervious to environmental contaminants (weather, ozone, UV, chlorine, salt, etc.) Available in standard white or optional black.



Q-8

For full-range music and voice

Applications

Restaurants | Bars & Nightclubs | Hotel Lobbies & Atriums | Factories | Courtrooms | Gymnasiums | Educational Facilities | Houses of Worship | Retail Stores | Shopping Centers | Airports

Features

The Model Q-8 is more robust than our compact Soundsphere loudspeaker models, offering greater sensitivity and power-handling capability. The Q-8 offers Soundsphere's trademark hemispherical coverage pattern and is distinguished by its high sensitivity (94dB 1W/1m) and high power handling capability (100 watts RMS). The Q-8 is available for either surface or hanging mounts. Available in standard white or optional black.

APPLICATIONS

Q-12A | Q-12AWR | Q-15 | Q-SB2

Applications

Gymnasiums | Ice Rinks | House of Worship | Swimming Pools | Transportation Terminals | Factories | Open Public Areas | Bars & Nightclubs

Features

The Soundsphere® Model Q-12A omnidirectional loudspeaker provides a more powerful sound system where clear voice announcements and high-fidelity foreground music at high sound pressure levels are required. The Q-12A is also available in a weatherproof configuration (Q-12AWR) for outdoor use, featuring a protective screen over the holes and driver to prevent birds from nesting in the speaker. Available in standard white or optional black.



Q-12A

For high sound pressure levels

Applications

Gymnasiums | Ice Rinks | House of Worship | Swimming Pools | Transportation Terminals | Factories | Open Public Areas | Bars & Nightclubs

Features

Soundsphere's Model Q-12A omnidirectional loudspeaker provides a more powerful sound system where clear voice announcements and high-fidelity foreground music at high sound pressure levels are required. Along with its hemispherical coverage pattern, the Q-12A loudspeaker provides high sensitivity (97dB 1W/1m) and high SPL capability (121dB 250W/1m), and utilizes our exclusive patent-pending Poly-exponential Incidence Reflector. This loudspeaker can be mounted using our hanging kit or mounting bracket. Available in standard white or optional black.



Q-12AWR

For high sound pressure levels

Applications

Gymnasiums | Ice Rinks | House of Worship | Swimming Pools | Open Public Areas | Bars & Nightclubs

Features

The Q-15 loudspeaker is designed to offer accurate, full-range voice announcements and high-fidelity music reproduction. It is suitable for applications requiring extended low-frequency response at high sound pressure levels. The Q-15 offers high power handling capability (350W RMS), high sensitivity (97dB 1W/1m) and high SPL capability (122.5dB 350W/1m). Available in standard white or optional black.



Q-15

For extended low-frequency response at high sound pressure levels

Applications

Gymnasiums | Ice Rinks | House of Worship | Bars & Nightclubs

Features

The Q-SB2 is Soundsphere's largest loudspeaker, designed for installations requiring enhanced low-frequency response at high sound pressure levels. The Q-SB2 offers high power handling capability (800W/4 ohms), high sensitivity (99dB 1W/1m) and high SPL capability (128dB 800W/1m). Available in standard white or optional black.



Q-SB2

For low-frequency response at high sound pressures

MSE AUDIO®

Parent company of major manufacturing brands, MSE Audio utilizes the latest audio technology to produce the best sounding speakers in the world. With multiple design and manufacturing centers across the residential and commercial spheres, the products rely on synergistic, cross-platform engineering to deliver exceptional durability, industry-leading quality control, and refined aesthetics.

MSE Audio's Jacksonville, FL location (home of Phase Technology) occupies a special niche in today's audio industry as it is one of the few fully vertically-integrated speaker manufacturers in America producing drivers, crossovers, cabinets and systems. Unlike most brands, which rely on offshore manufacturers to design their speakers, every speaker and speaker system in the MSE Audio catalog is designed, prototyped, and performance proven in Jacksonville before being produced in one of its factories.

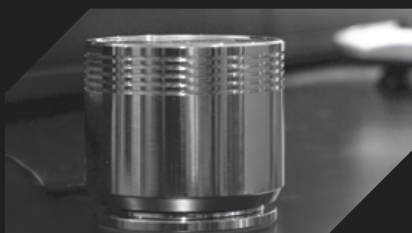
Check out Soundsphere's sister brands below:



SOUNDTUBE®
ENTERTAINMENT

THE CURE FOR THE COMMON SPEAKER™

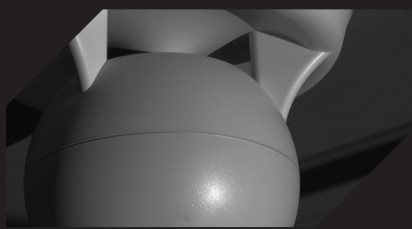
Designed for broad, intelligible coverage with superior musicality, SoundTube speakers elevate the audio experience. From the Original Pendant Speaker to models for in-ceiling, surface-mount, IP-addressable, outdoor, focused-point and more, we offer speaker solutions for nearly every application.



SolidDrive®
SOUND WITHOUT SPEAKERS™

SOUND WITHOUT SPEAKERS™

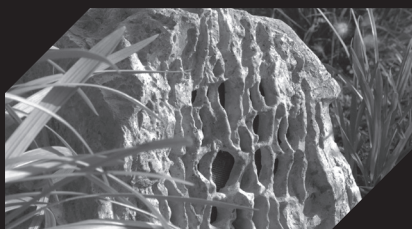
SolidDrive® is the solution for invisible sound, providing a hidden sound source for in-wall, surface mount and glass applications. Unique technology transforms surfaces into sound-producing planes that blanket whole rooms with music and soundtracks. SolidDrive products are made in the USA.



SOUNDSPHERE®
LOUDSPEAKERS

THE BEST SOUND AROUND™

Designed for on-ceiling and in-ceiling uses, Soundsphere speakers produce a diffuse sound field with a wide coverage pattern ideal for PA announcements and music. Soundsphere products are made in the USA.



Rockustics®

ULTRA-FIDELITY OUTDOOR SPEAKERS™

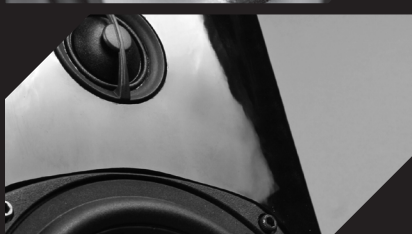
Rockustics® offers an extensive line of high-fidelity, all-weather outdoor speakers for both home and commercial applications. Each model is designed to enhance the environment by providing the highest quality sound with unparalleled lifelike aesthetics. Handcrafted in the USA.



INDUCTION  DYNAMICS

AUDIO PERFECTION REALIZED™

Induction Dynamics® speakers are engineered to achieve precise sound in any home theater and are hand-tuned to exact specifications. This meticulous attention to detail and craftsmanship results in design qualities and system-wide performance unlike any other.



PHASE
TECH

SPEAKERS FOR YOUR LIFE™

Phase Technology®, based in Jacksonville, Florida is one of the oldest and most prestigious speaker manufacturers in the United States. Holding numerous patents for speaker design (including the soft dome tweeter), Phase Technology offers a range of speakers for the home integrator.

