

Audfly Technology

Audfly Directional Speaker Product Catalog

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Audfly Technology



Audfly Technology is the leading enterprise of acoustic innovative technology in China. It's a global leader in audio solutions and one of the foremost experts in directed audio technology.

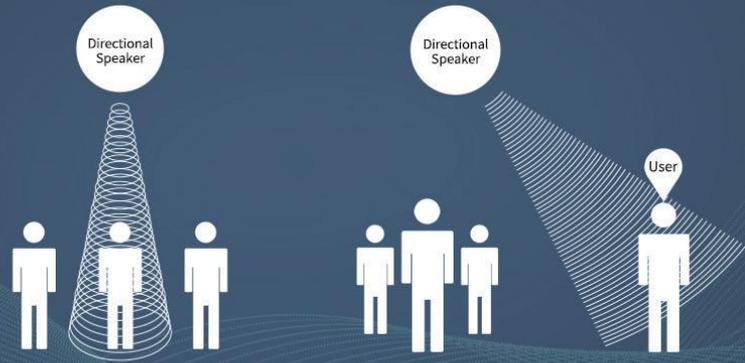
Audfly Technology has been manufacturing and installing directional speakers for major corporations and industries around the world since early 2016. Audfly directional speaker use a revolutionary audio technology to creates sound in a narrow beam, it directs sound to your desired listening area in a highly directional manner just like the light of a flashlight. It provides an effective way to deliver sound to a specific area and creates a precise and independent audio zone that deliver an immersive, noisy-free and 3D-like audio experience.

Besides the Audfly *directional sound technology*, has also successfully applied *sound source localization, sound imaging, active noise control* etc. into commercial use. Using the newest and reliable technology, we are also committed to providing customization service based on clients' requirements.



Audfly Directional Sound Technology

Target Sound Exactly
Where You Need It



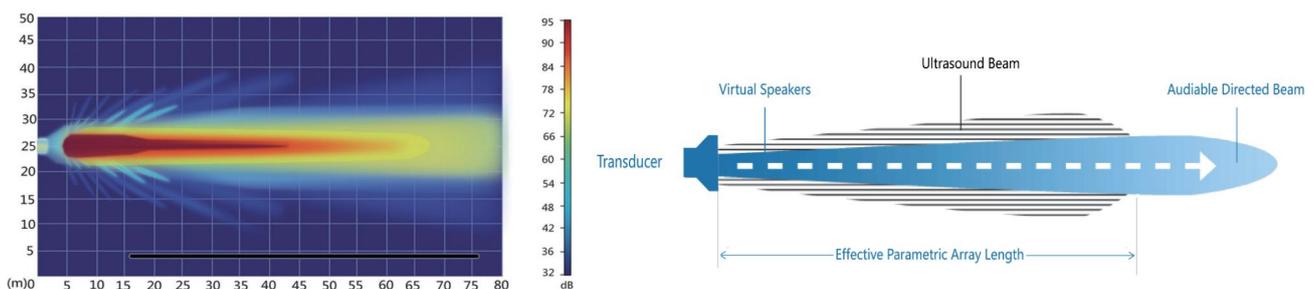
What is the Audfly Directional Sound Technology?

Target Sound To Exactly Where You Need It

Using revolutionary audio technology to create highly-directional sound just like spotlight

Audfly Directed Audio Technology is an innovative and revolutionary sound focusing technology, it delivers sound in a highly directed way. With Audfly Directed Audio technology, you will be able to direct a beam of sound to the targeted listeners in the targeted spot where exactly you need the sound to be.

Directed Audio Technology is one of the biggest breakthroughs in audio technology in recent years. It utilizes a brand-new way to deliver sound. Unlike the normal sound which generally propagates omni-directionally, Directed Audio Technology delivers sound along a fixed direction in an extremely narrow beam, the sound could be precisely controlled and targeted to your desired listening area. Similar to how a spotlight directs a beam of light, Directed Audio Technology directs a beam of audio exactly to targeted listeners and areas.



Target Sound Exactly Where You Need It

Model B1/B2 >>

Model B is the most popular directional speaker all over the world that provides completely directional sound solutions that enables you to add sound to where ever you want and keep it in just where you need it to be.



Model	FSC5- B1/B2	Power Requirements	24V DC/3A
Amplifier Type	Amplifier Separated with Speaker Panel	Max input	2.8 Vpp
Directivity Angle	<15° (-20dB)	Rated Power	15 W
Frequency Range	500Hz-13kHz	Input sensitivity	1 Vrms
Installed Accessories	75x75mm Universal Bracket	Dimension	294 x 169 x 29mm
Audio Line	3.5mm Dual-Channel Audio Cable	Weight	B1: 1450g / B2: 1500g
Input Interface	3.5mm AUX/Bluetooth	Color	Gray/Silver Mesh Cover
Power Adapter Spec.	(Input) 110-240Vac 50/60Hz (Output) 24V DC/3A	Volume (Maximum SPL)	B1: 80±3dB@1m/2KHz B2: 88±3dB@1m/2KHz
USB Function	USB2.0 (Support Maximum 32G) USB format support FAT, FAT32.	USB Audio Format	Support MP3, WAV. USB audio will be played first and automatically after connecting.

Model B1/B2 Application

It's most commonly used in indoor scenes including museums, library, hospital, bank, digital signs, retail stores, trade shows and galleries etc. Audfly Model B is available for all mounting solutions, including walling mounding, ceiling mounting, or integrated to a display etc.





Applications For Audfly Directional Speaker >>

MUSEUM

Audio isolation is important in modern museum settings, the Audfly directional speaker system adds sound selectively to specific interactive exhibits, targeting the sound exactly where it's needed, while preserving a quiet, peaceful museum environment.

DIGITAL SIGNS

Many kiosk sign displays are typically silent due to conventional sound delivery spreading in all directions, disqualifying participation in advertising venues. Our complete range of directional speakers insure a successful isolated audio presentation for your digital sign applications.

RETAIL AND MARKETS

Retailers have long faced challenges implementing audio in their indoor messaging campaigns. The Audfly directional speaker enables the creation of precise audio zones, empowering retailers to integrate sound content in specific locations. Additionally, the Audfly directional speaker streamlines operations by providing self-service options for customers, potentially leading to a reduction in employee payroll hours.

TRADE SHOWS

In a noisy tradeshow environment, capturing the attention of your key prospects with audio messages can be challenging. Audfly directional speakers are designed to concentrate your audio marketing efforts, effectively mitigating background noise and ensuring a crisp and clear presentation within your designated area. This feature not only draws visitors to your booth but also maintains a suitable volume level for their convenience.

Customized Directional Sound Modules & Products >>

As one of the foremost experts in directed audio technology all over the world, Audfly Technology is able to provide customers with personalized, customized directional sound modules and products, accordingly to their special requirements on size, shape, color, acoustic specifications, etc.

With the customized directional sound modules and products, you can easily integrate it into your original products or applications, so that you will be able to broadcast your important audio messages straight to your target audience without disturbing others or increase the ambient noise.

Multiple solutions are available to address your specific application needs. Join us to seamlessly deliver sound exactly where you want it!

Customize Product Development Process



01 Define

- Predefine
- PRD (Initial)
- Technological & Commercial
- Feasibility
- Strategic Coordination
- Offer for Reservation

02 Concept

- Concept Verification Testing / Design Drawing
- Final Signature of PRD
- Project Schedule (Initial)

03 Design

- Design Verification Testing (DVT)
- Official Offer
- Customize PO

04 Confirm

- Customers Confirm Samples

05 Industrialization

- Trial Batch Production

06 Production

- Batch Production
- Shipping Quantity

Audfly's advantages in directed audio >>

Audfly stands as the pioneering and largest company exclusively focused on directional sound technology.

It was the first in China to venture into this field and achieve its successful commercial application.

Audfly provides an extensive product range with the option for customization.

This flexibility allows Audfly to cater to the diverse requirements of customers across various industries.

Audfly has pursued multiple technical avenues.

By advancing directional sound technology into its third generation, Audfly continues to demonstrate its commitment to progressiveness and leadership in this field through continuous technical refinement.

