

The Pioneer of Furture Office Way

Ver 2.0

思倍 SpeX

This is
SpeX

The Pioneer of
Furture Office Way

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CONTENTS

PART ONE 04-07

Why SpeX ?

PART TWO 08-25

Learn about our products

PART THREE 26-27

Versatile application scenarios

PART FOUR 28-29

Sustainable development

PART FIVE 30-37

SpeX soundproof room family

PART ONE

Why SpeX ?

Today, when open-plan office has become the mainstream, problems such as noise interference, lack of privacy, and single scene are quietly devouring the efficiency of the team. When international soundproof room brands build up experience barriers with high prices, Chinese companies are in urgent need of more flexible and inclusive solutions. SpeX was born in response to this trend

We reconstruct the value chain of soundproof room with localized R&D, penetrate the industry premium with "extreme cost performance", and break the functional blind spot with "scenario-based innovation", so that every enterprise can create "concentration-friendly" office space at the lowest cost.

1. Uneven soundproofing effect, low-frequency noise is difficult to control

The traditional soundproof room has some sound insulation effect on medium and high frequency noise (such as human voice, telephone ringing), but weak ability to deal with low-frequency noise (such as floor impact sound, equipment vibration), the actual amount of sound insulation is only 20-30dB. User feedback shows that some products have obvious sound leakage, and the outside of the cabin can be heard in the high sound conversation.

2. Complicated installation, destroying the space layout

Traditional products require professional construction team operation, installation cycle up to 1-3 days, and need to be drilled and fixed to destroy the original decoration.

3. Poor confined space experience and health hazards

Ventilation defects: the design of straight ventilation ducts makes it difficult to combine sound insulation with air circulation, and users complain about the room being stuffy and high CO2 concentration;

Lighting problems: the exposed overhead lights cause glare interference, which is easy to cause visual fatigue after prolonged use.

4. Price barriers and cost-performance imbalance

The unit price of similar products of international brands exceeds 15,000 USD, and although the price of low-end products has been halved, the sound insulation performance has dropped by more than 40%. Consumers face the dilemma of "high price and low quality" or "low price and ineffective".



PART TWO

Learn About Our Products



With the open plan office becoming the norm, we know that your desire for focus and privacy is as unstoppable as the tides. Allow us to unveil a complete picture of the soundproof room, not only as a physical space innovator, but also as a reorganizer of the office way.

In the next chapter, you will see the precise blend of acoustic engineering and humanistic care: from the library-level silent standard to the selection of mother-and-child-level environmental protection materials, from the flexible and adaptable modular design to the minimalist appearance in symbiosis with urban aesthetics. With more than a decade of experience in office furniture services, we have transformed the seemingly contradictory concepts of "privacy in openness" and "quietness in transparency" into a palpable reality.

Whether it's a startup team seeking a breakthrough in collaboration efficiency, or an educational institution building an immersive learning field, Soundproof room always takes "scene adaptability" as the core, and provides an elegant solution to each spatial pain point. Now, let's enter the essence of the product and witness the silent revolution of sound and space.

In the wave of open-plan office, we have always been gazing at the real needs of each individual - not a cold stack of parameters, but from the rhythm of breathing to the emotional fluctuations of the subtle perception. The soundproof booth was born out of a deep empathy for modern people's "concentration drowned out by noise" and "privacy" that has no place to rest. We chose to take experience as the origin of design, make technology invisible, and let the space return to the healing and empowerment of people.

We believe that true innovation does not lie in demonstrating the height of technology, but in creating an experience that makes people's hearts flutter. When you gently close the hatch, the delicate damping sound like winding a high-class mechanical wristwatch is precisely the precise response to those who pursue a quality life - interpreting the poetry of sensual experience with the precision of rational machinery.



NOISE DECIBEL REDUCTION

30 dB

We use two-way sound insulation technology, through the multi-layer composite sound insulation structure, to ensure that the sound environment inside and outside the cabin do not interfere with each other, and fully guard the privacy and security.

AIR CIRCULATION EFFICIENCY

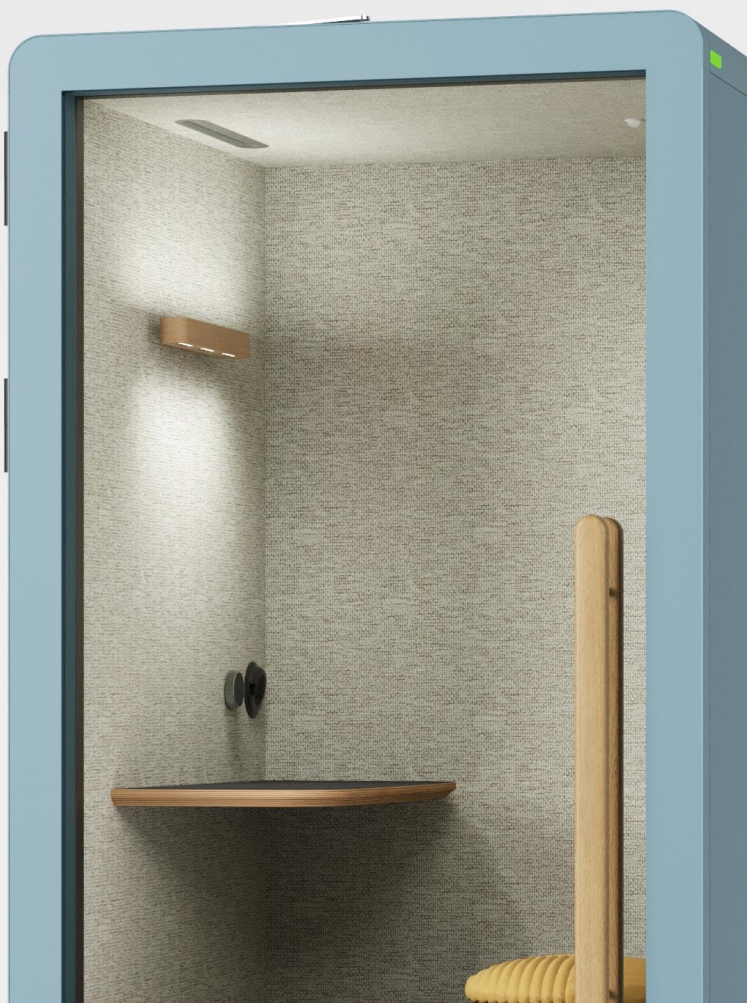
1 min

We ensure adequate air circulation to give the user the best experience possible

MATERIAL RECYCLABILITY

100 %

Non-glare Lighting System



Inside the soundproof room, the lighting balances function and comfort. The upper and lower light sources can be adjusted separately: the 160° wide-angle light source (68-1135lux) at the top covers the space evenly through the diffuse reflection from the ceiling and reduces direct glare; the 74° directional light source (68-1364lux) at the bottom accurately illuminates the workspace and avoids strong light shining directly into the eyes. The knob switches the adjustment object in 3 seconds, allowing you to flexibly combine the two light sources - boosting the brightness of the lower part of the room when working, and retaining only the soft light from the top when relaxing.

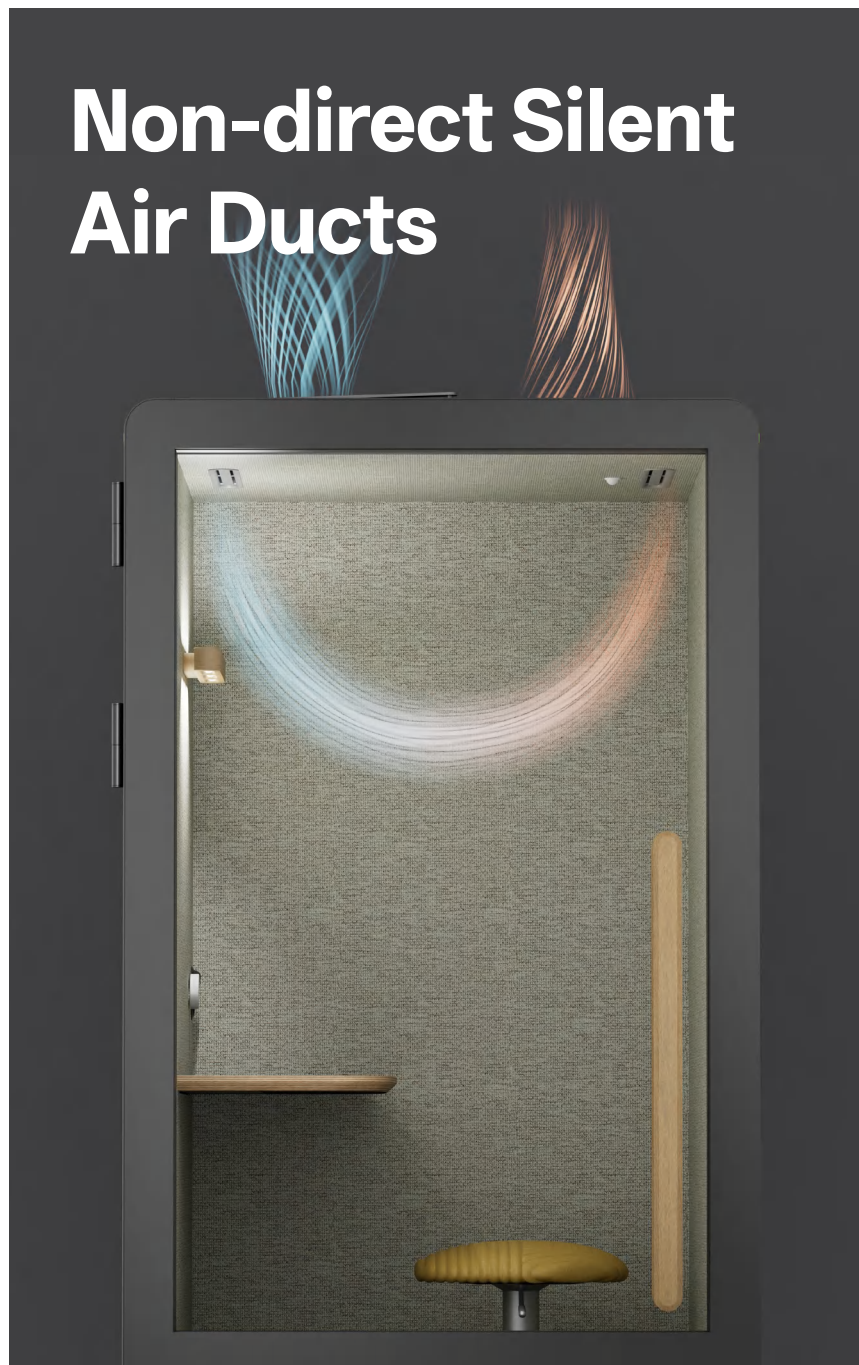
The 4000K natural light color temperature is close to daylight, and with the matrix arrangement of multiple light beads, it eliminates desktop shadows; the work surface light source adopts nano anti-glare coating, which is not harsh on the eyes even under the high brightness of 1364lux. Both light sources support stepless dimming, smooth transition from low light to strong light to meet the needs of different scenes.

Simultaneous optimization of silence and durability: the operating noise is less than 18dB, lower than the ambient noise floor; PWM+constant current dual circuit dimming technology eliminates strobe, and with the room sound insulation structure, it ensures the double immersion of visual and auditory sensation. Power consumption is 80% lower than traditional lamps, 20000 hours service life, light decay control within 5%, long-term use of brightness stability.

From basic lighting to scene adaptation, this wall lamp enhances the focusing experience with practical design - the soft light above reduces the sense of environmental oppression, and the strong light below ensures the clarity of the work, both of which work together to provide "non-disturbing companionship" for the soundproof room. Lighting is no longer just a tool, but a silent collaborator integrated into the logic of space, providing a sustainable light environment to support efficient scenes with reliable performance and humanized design.

" Let light be invisible, let
focus be pure. "

Non-direct Silent Air Ducts



The need for air refreshment in small and medium-sized spaces is precisely broken down into a balance of efficiency and quietness. The centrifugal fan, with a powerful airflow of $2.42\text{m}^3/\text{min}$, completes the air circulation in the whole room in 60 seconds, quickly taking away the stuffy heat and turbid air; and maintains long-lasting air exchange under the ultra-low power consumption of 1.5W, which is only equivalent to a mini night light.

Silence is the origin of the design. The air duct adopts porous sound-absorbing materials and streamlined structure to dissolve the friction sound of airflow into nothing, and the noise of operation is steadily lower than 30dB - lighter than the ticking of a clock, and almost breathable in its presence. Even when you are alone late at night, the faint sound of the fan running will blend into the ambient noise, turning it into an imperceptible white noise, and even the air flow knows how to be "invisible" when you are concentrating.

There is no need for complex operation, no redundant functions, but stability and reliability: the centrifugal fan structure is durable and can withstand daily high-frequency starts and stops; fresh air and comfortable light are the same as the silent guardian of the gentle, non-intrusive, for every moment of high-efficiency escort.

**" The soft wind goes
around without
disturbing the people "**

Silent Centrifugal Fans



In the pursuit of quality of life, we redefine the air experience with innovative technology - Silent Centrifugal Fan, a perfect blend of strong wind power and ultra-low noise, to create an excellent experience of "invisible power, sound are quiet".

Centrifugal technology breakthrough, releasing surging airflow. Adopting centrifugal wind wheel structure, centrifugal force is transformed into high efficiency air power through the precisely calculated curvature and angle of the blades. Compared with the traditional fan, the air volume is increased by more than 35%, even in the 4 square meters of soundproof booth space, it can quickly form a three-dimensional circulation of airflow, dispelling the heat and humidity.

Extremely quiet, reshaping the quiet space. The motor is equipped with vibration-damping bearings and noise-reducing cotton, and the ratio of air inlet and outlet is optimized to avoid the whistling sound generated by airflow turbulence, ensuring that "the wind passes by without a trace, and the sound is hidden".

**" The symbiotic
aesthetics of silence
and energy efficiency "**

Room walls In Gabriel Mozart Fabric

Safety is the first criterion of enclosed space, 100% environmentally friendly recycled materials through the international non-toxic certification, antibacterial and anti-allergic properties to ensure clean air in confined environments, from the source to eliminate heavy metals and harmful substances, while supporting recycling, help green building certification.

Wear-resistant and stain-resistant performance is hard-core, 4 times more wear-resistant than ordinary fabrics to withstand daily friction, waterproof and oil-proof surface layer can easily cope with coffee stains splash, a wipe that is clean; the fiber base comes with fireproof attributes, without the need for chemical flame retardant, safety and durability at the same time.

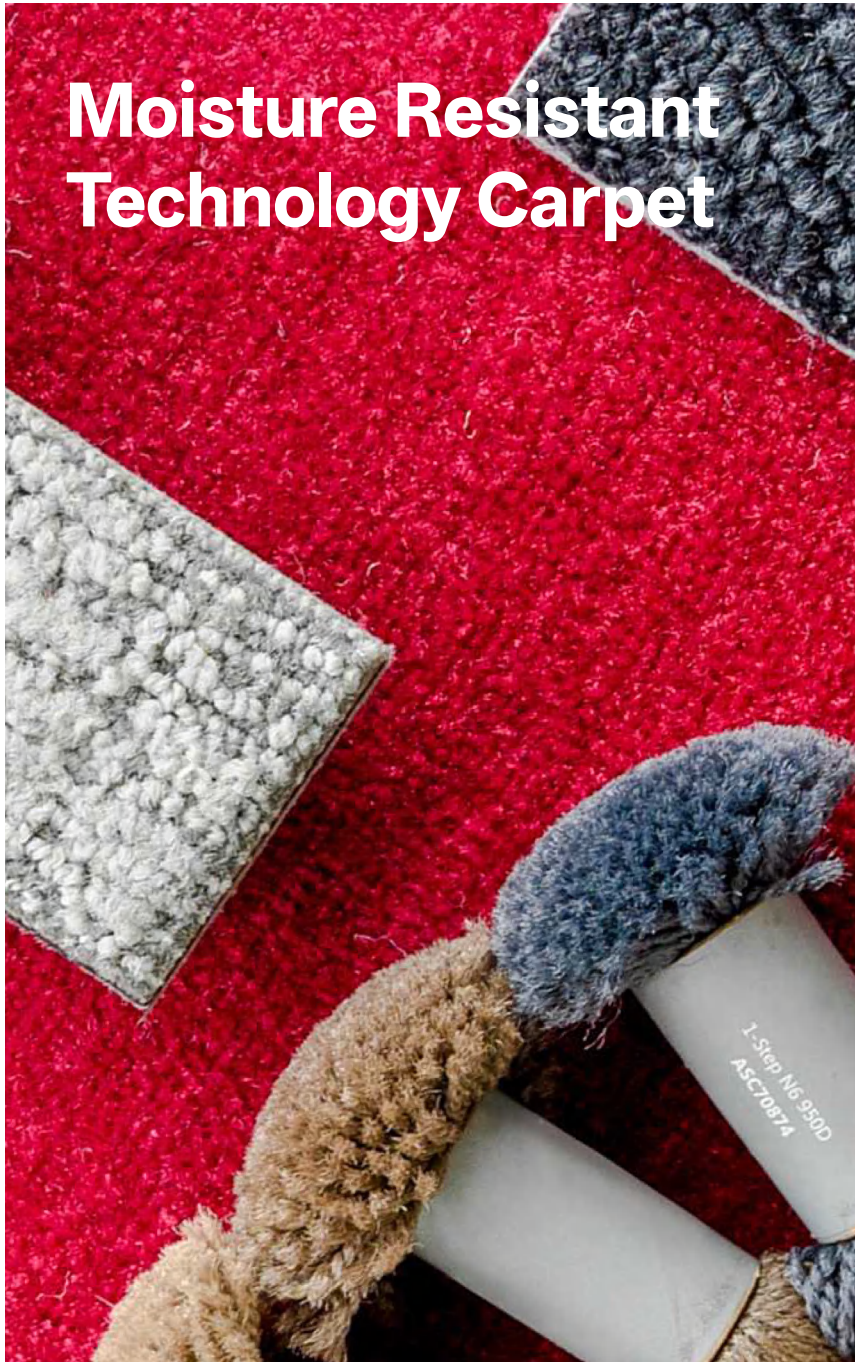
Value and comfort go hand in hand: 4 matte colors break the coldness of the industrial cabin, fabric texture is delicate and texture; soft and breathable fabric is not stuffy, giving the space a sense of warmth and sophistication.

From environmental protection to practicality, from safety to aesthetics, this fabric reshapes the quality of the soundproof room with its "anti-build core" lower maintenance costs, higher spatial style, and a sustainable solution for high-quality scenarios by taking into account both social responsibility and user experience.



**"Eco-friendly and durable
with upgraded touch"**

Moisture Resistant Technology Carpet



The answer to the durability and environmental protection of the carpet has been buried in the bottom layer. The bottom back is made of 100% recycled plastic bottles, no PVC, asphalt and other harmful substances, weight reduction of 15%, transport more energy-saving; honeycomb structure design to take into account the moisture-proof and breathable, rainy season is not stuffy and not moldy, while absorbing 50% of the ambient noise, the pressure on the soles of the feet when standing for a long time in the office is softened by the elastic layer, just like stepping on the clouds.

Surface VOXFLOR certified high-density nylon yarn, designed for high-frequency use of the scene - shoe prints and oil stains do not seep color, 10,000 people step on the carpet does not show the old, wear-resistant life far more than ordinary carpets. Anti-bacterial and anti-mildew process is integrated into the fiber, even if the humid environment can also inhibit the growth of bacteria, using technology to guard the bottom line of hygiene.

From the material to the function, every link has been strictly tested by Intertek and other international organizations, and the quality can be traced. This carpet uses the combination of "anti-fabrication nylon surface + recycled plastic bottle bottom" to solve the contradictory proposition of environmental protection and durability: it has the strength of industrial-grade abrasion resistance and provides a carrier for corporate ESG goals, and seamlessly integrates the sound-absorbing and noise-reducing characteristics with the cabin mute ecology.

When the light manages the brightness, the new air controls the breathing, the interior fabric softens the touch, and the carpet lifts the last line of defense from the ground - not noisy, but with silent durability and cleanliness, the silent cabin becomes a quality space that can withstand the scrutiny from the visual, auditory to the tactile senses.



" The environmental and silent revolution in flooring "

Automatic Start/ Stop Energy Saving



Soundproof room is equipped with high sensitivity infrared sensor system, accurately capturing human activities in the cabin, realizing the senseless interaction of "entering the cabin that is quiet, leaving the cabin that is stopped". Open the door instantly automatically start fresh air and soft lighting, creating a comfortable environment that is ready to use; leave the cabin within 5 seconds to enter the depth of the sleep mode, standby power consumption is nearly "zero energy", completely eliminating the invisible waste of equipment idling.

In order to ensure stable operation in complex environments, the system adopts anti-interference design and silent sleep technology. By shielding the environmental heat source and equipment heat dissipation interference, the false trigger rate is reduced to a very low level; no motor running sound during hibernation, to maintain absolute silence in the space. At the same time, the intelligent start-stop logic effectively reduces the wear and tear of the equipment, extends the service life of the motor and lighting module, and reduces long-term maintenance costs.

In terms of environmental protection and economic benefits, the system is centered on "on-demand energy supply", significantly reducing standby energy consumption. Whether it's a phone booth in an open office, a temporary conference room, or a high-frequency use scenario such as a live broadcast pod, the soundproof booth redefines the energy-efficiency standard for smart spaces with reliable performance and a seamless experience.

**" Sensorless interaction,
precise energy saving "**

Application of New Lightweight Materials



We break through the heavy design of the traditional soundproof room, and innovatively use lightweight composite materials to reduce the comprehensive weight of the cabin wall by more than 30%. This technological innovation not only realizes the double enhancement of product performance and environmental standards, but also optimizes the cost of the whole chain of transportation, installation and maintenance, helping enterprises to create high-quality silent space with lower investment.

Transportation costs are directly reduced and coverage is wider. The transportation cost of a single set of cabin is reduced by 25%-30%, which is especially suitable for cross-regional deployment or multi-point procurement needs, and the standard container can be loaded with 2-3 more sets of cabin to meet the rapid landing needs of chain enterprises, large parks and other large-scale scenarios.

Installation efficiency jumps and labor input is sharply reduced. With the help of modular splicing design, a 2-person team can complete the assembly of the basic cabin in only 60 minutes, and 2 people can easily carry more than 80% of the components, completely bidding farewell to the reliance on heavy instruments in traditional soundproof spaces and saving the rental cost of lifting equipment.

Realize commercial efficiency gains with scientific load reduction - so that every bit of input is accurately transformed into spatial value.

"Lighter, Faster, Less Costly Solutions"



Quick Install Module Design

The quick-fit modular design of the soundproof room pushes the installation efficiency, space reusability and mobility convenience to a new height through standardized components and innovative structure. This technology not only solves the pain points of long cycle, high cost and irreversibility of traditional soundproofing projects, but also becomes a revolutionary solution for office, home and commercial scenarios with the characteristics of "ready-to-install and ready-to-move".

Extremely fast installation, 60% shorter working time, 2 hours to complete deployment. Standardized module splicing, the cabin consists of prefabricated side, top and bottom panel components, which are assembled on-site only according to the drawings, without the need for complex tools or expertise.

Redefine the value of space with "lightness, speed and flexibility" - let the demand for noise reduction get rid of the constraints of the construction period and the site, and truly realize the "freedom of mute, change as needed".

**" Extremely fast
installation, space on
demand "**

Application Space Display



The Soundproof room breaks through the limitations of traditional soundproofing equipment, and with the advantages of centrifugal technology and lightweight design, it makes a big difference in multiple scenarios. Whether in the office to help focus on the office, in the airport for travelers to create a quiet waiting space, or in libraries, music classrooms, hospitals and other places to provide a quiet environment, it can play a role. It can be easily integrated into different spaces to meet diversified needs, truly realizing "one cabin for multiple uses, everywhere is quiet".



Office area



Negotiation area



Airport



Library



Educational organization



Hospital



Factory workshop



Cafeteria



Residential courtyard

PART FOUR

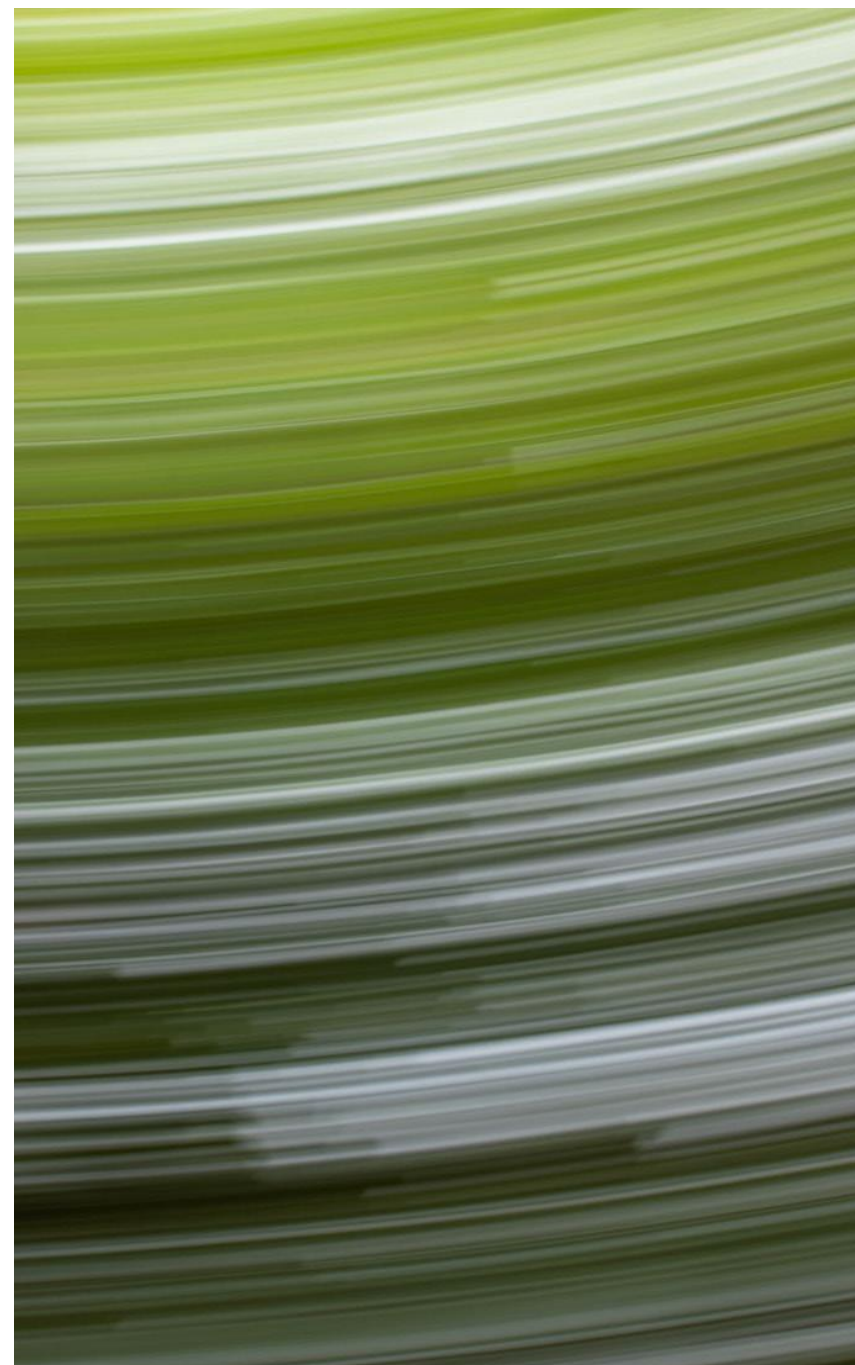
We Are Committed to Sustainable Development

With sustainability at the core, we continue to innovate in the areas of materials, production and ecological values:

Adopting recyclable metals and degradable plastics, combined with modular design to realize free disassembly and reorganization of the room, resource utilization is increased by 40%, maintenance costs are reduced by 30%, and it can flexibly adapt to the needs of offices, airports, and other multi-scenarios.

The optimized process reduces energy consumption by 20%, and E0 grade panels and antibacterial coatings are synchronized to guarantee health and low carbon.

The noise reduction function of the Soundproof room is creating a chain of ecological value - it is expected to reduce healthcare expenditures due to noise pollution by \$120 million by 2030. From green offices in Scandinavia to emerging markets in Asia-Pacific, it is not only a physical noise barrier, but also a link between the city and the concept of sustainability, making every focus a tiny footnote to an environmentally friendly future.



PART FIVE

SpeX Soundproof Room Family



A wide range of choices are available to you, from single to intelligent multi-person room, from semi-open room with better privacy to more transparent glass door models. Accurately matching the needs of office, medical, education and other scenes. The choice should be so simple.

Styles Are Available



思倍 SpeX One



思倍 SpeX One Plus



思倍 SpeX One Max



思倍 SpeX Four



思倍 SpeX Four Max







Multiple Color Configurations Available

Available colors and finishes

METALS

	LL - Black EN24KC
	LL - White EA26EC
	LL - Gray C82437S2EP
	LL - Sandy C82272S2EU
	LL - Azure blue RAL5009
	LL - Turquoise RAL6028
	LL - Navy blue C82268S2EJ

FABRICS

	LL-61163
	LL-60186
	LL-67062
	LL-64194

CARPETING

	LL-merecolor E02
	LL-merecolor F01
	LL-merecolor G02
	LL-merecolor H01

Arts and crafts



Acoustic laminated glass



Flat Matte Powder Coating for
AkzoNobel Interpon 700 Series

Technical Specification

SpeX One / SpeX One Max

Sizes

- W1000*D1040*H2200
- W1000*D1040*H2200 (Max)

Power Supply Configuration

- Total power consumption 25W
- Strong 220V, 1 power socket \ 1 USB \ 1 PD
- Knob Touch Screen
- Uplight adjustable (0-12W) 4000k
- Adjustable lower light (0-4.5W) 4000k
- Centrifugal fan adjustable (2.55-4.08W)
- Silent exhaust fan
- Sensors, Beeping Lights

Soundproofing

- Noise reduction decibels 30dB

Ventilation

- 2.42m³/min , 85.47CFM

SpeX Four / SpeX Four Max

Sizes

- W2350*D1360*H2200
- W2350*D1360*H2200 (Max)

Power Supply Configuration

- Total power consumption 100W
- Strong 220V, 2 power socket \ 1 USB \ 1 PD
- Knob Touch Screen
- Top light adjustable (0-11W) 4000k
- Adjustable lower light (0-4.5W)*2 4000k
- LED strip light (0-6.5W) 4000k
- Fan adjustable (2.55-4.08W)*2
- Silent exhaust fan*2
- Sensors, Beeping Lights

Soundproofing

- Noise reduction decibels 30dB

Ventilation

- 4.84m³/min, 170.94 CFM

For more information about our products,
please visit our official website.



www.spexpod.com

Scan the QR code to enter
the world of SpeX

SpeX soundproof room, services
and solutions enable people to stay
connected at work and focus on what
really matters.

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Tel: +86 400-187-1388

Company: Aijia (Foshan) Furniture Co., Ltd.

Address: Building 1, Baishagang Industrial Zone,
Haizhou Village, Nanhai District,
Foshan City, Guangdong Province, China



www.spexpod.com