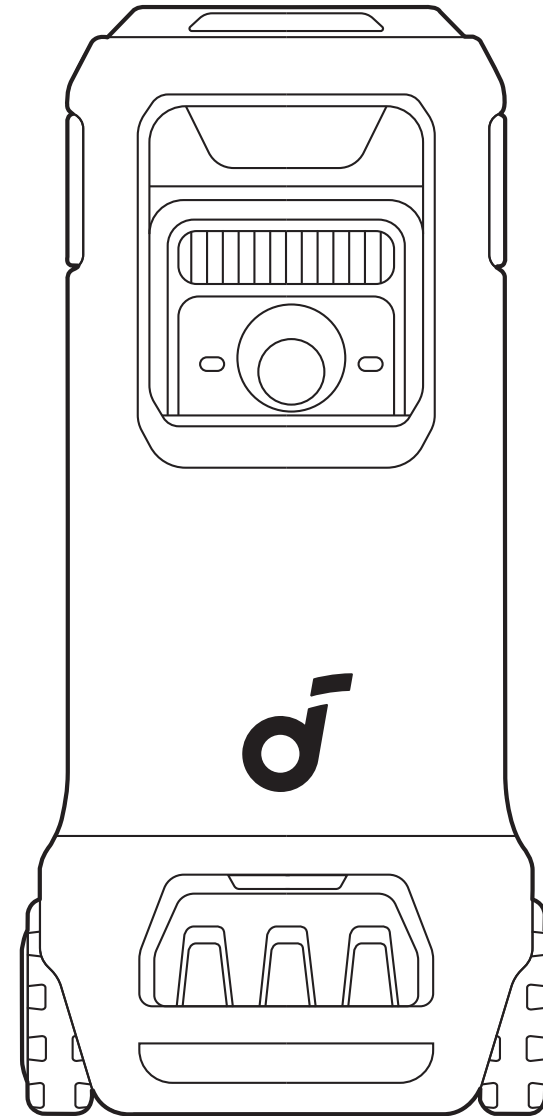


soundcore

soundcore



Nebula X1 Pro Quick Start Guide

Scan for Support





App



Warranty
Registration



User Manual



Support Videos

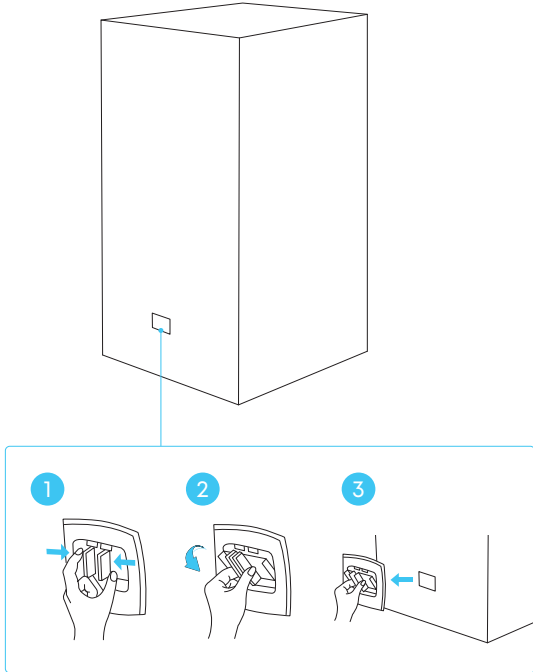


FAQs

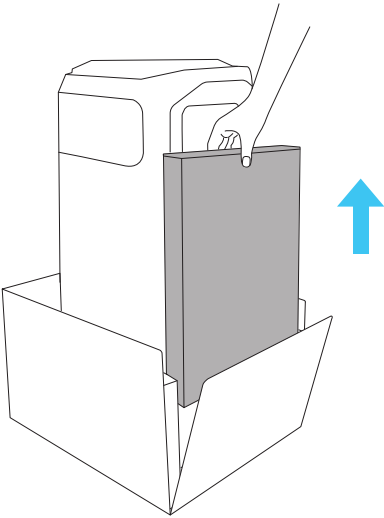


Contact Us

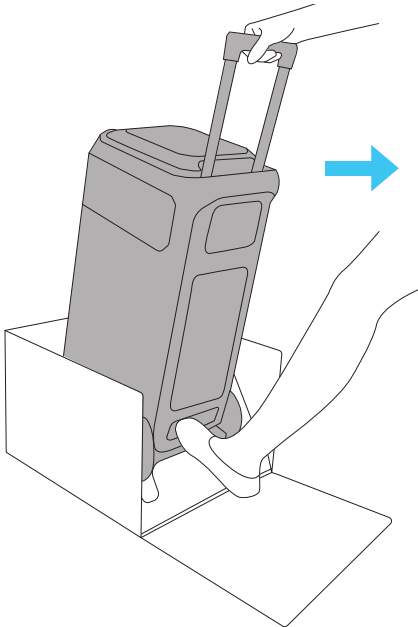
Unboxing



- ① Release the white clasps located at the lower sides of the box.
- ② Lift the outer packaging straight up to remove it.



- ③ Remove the accessory box located on the side.

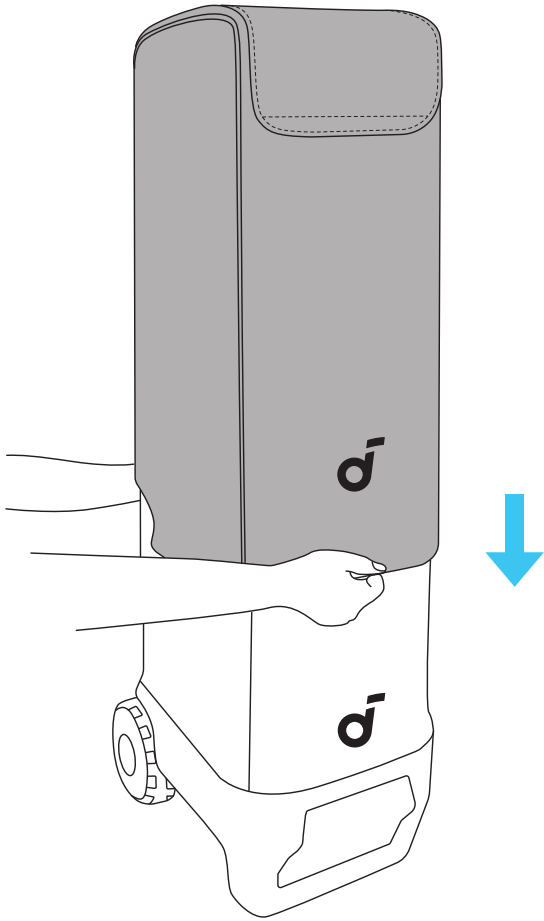


- ④ Press the telescopic handle release button to pull out the handle, step on the pedal, and slide the projector out.

Get Your Projector Ready to Move

Before moving your projector, please place the projector cover vertically over the main body of the projector. The projector cover is specifically designed to protect the device from scratches, bumps, and accidental impacts during transportation.

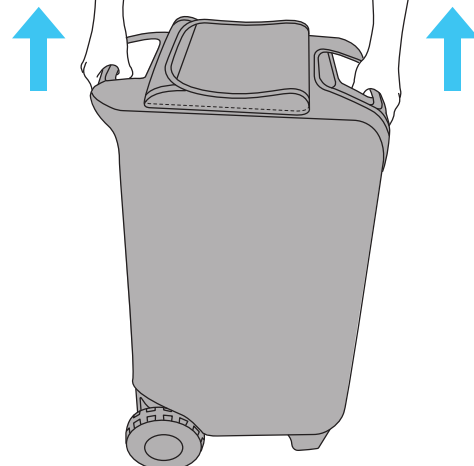
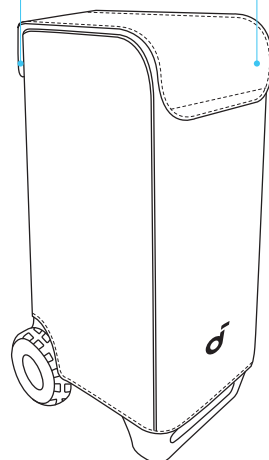
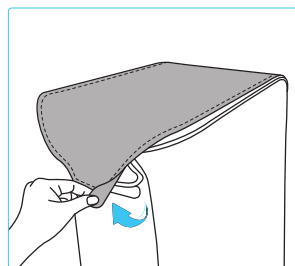
- The projector cover is in the accessory box.
- Ensure the logo side of the projector cover faces forward.



We recommend the following two ways to move the projector to your desired location.

Vertical Lifting

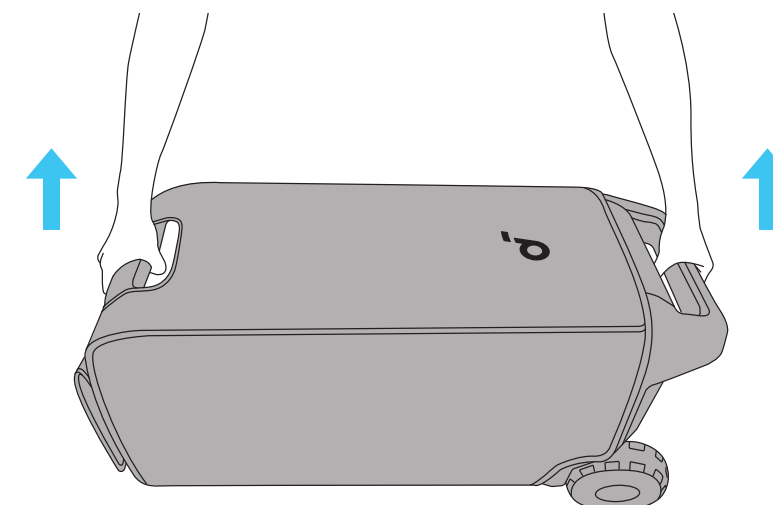
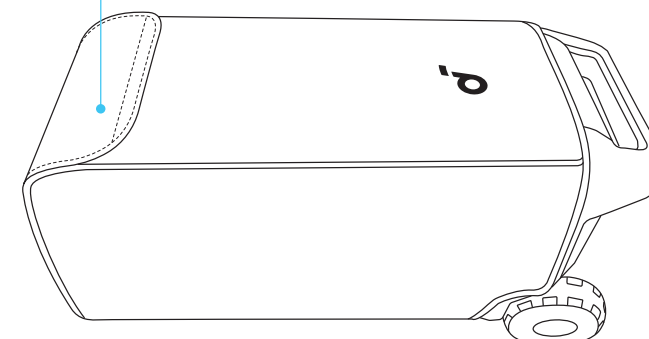
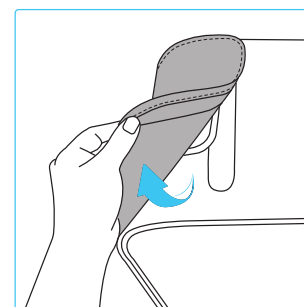
- ① Peel apart the two Velcro strips on top of the cover to reveal the handles on both sides.
- ② Firmly grasp both handles with your hands.
- ③ Vertically lift the projector by the handles.

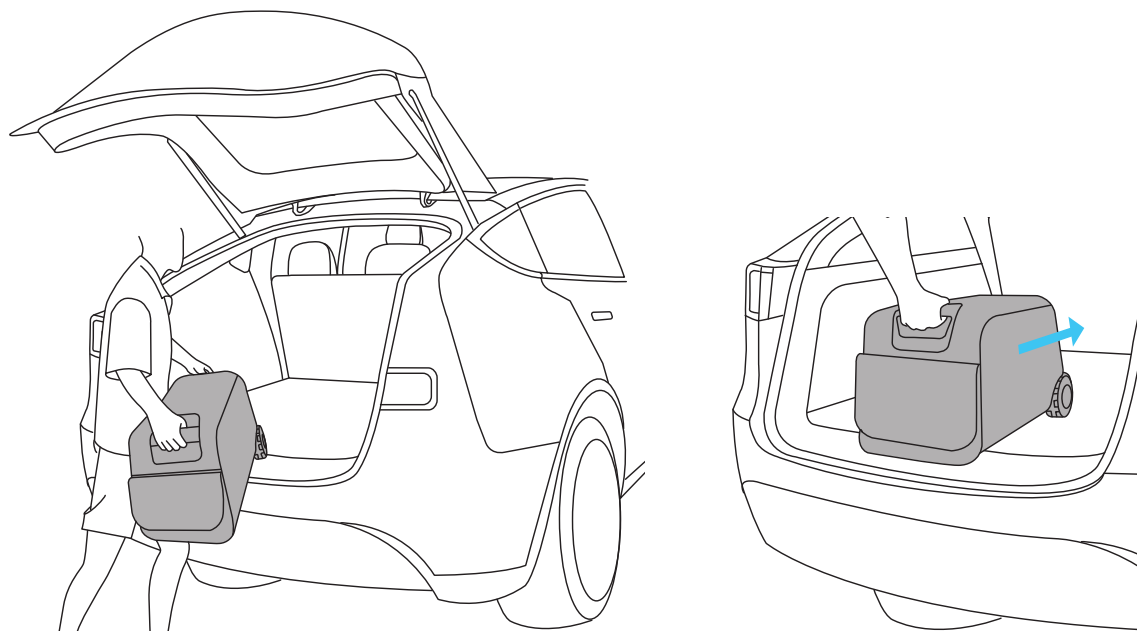


This method is especially suitable for carrying the projector up or down the stairs, as the vertical orientation ensures maximum control and safety.

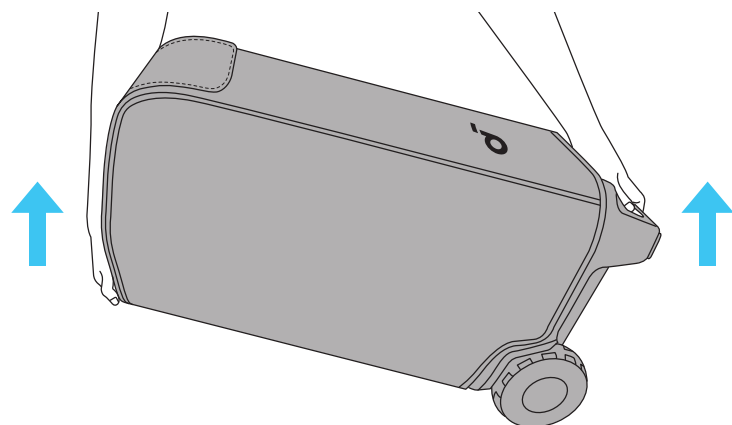
Horizontal Lifting Onto a Sedan Trunk

- ① Gently tilt the projector so that it rests horizontally, with the wheels facing downward.
- ② Peel apart the Velcro strip to reveal the handle on the side, then grasp the horizontal handles on both sides of the projector firmly with both hands.
- ③ Lift the projector by these handles and place it onto the trunk.
- ④ Once the projector is on the trunk, push the projector forward, using its wheels to slide it smoothly inside.



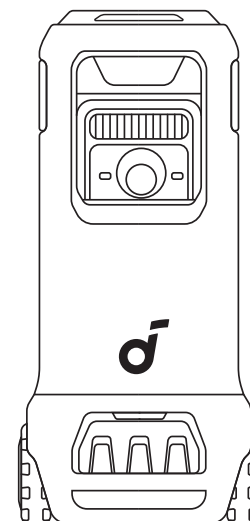


When lifting the projector, carrying it diagonally makes lifting easier and less strenuous.

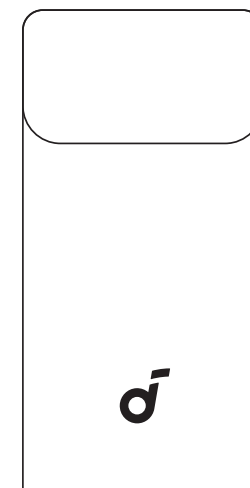


What's in the Box

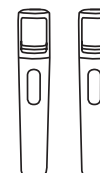
Carefully unpack the box and check that all the items listed below are included. If anything is missing, please contact our customer service team.



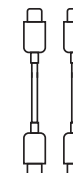
Projector x1



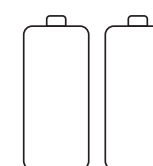
Projector Cover x1



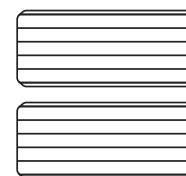
Wireless Microphone
x2



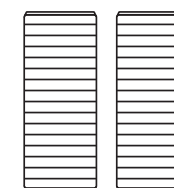
Type-C Cable
x2



AAA Battery
x2



Front Surround Speaker
x2



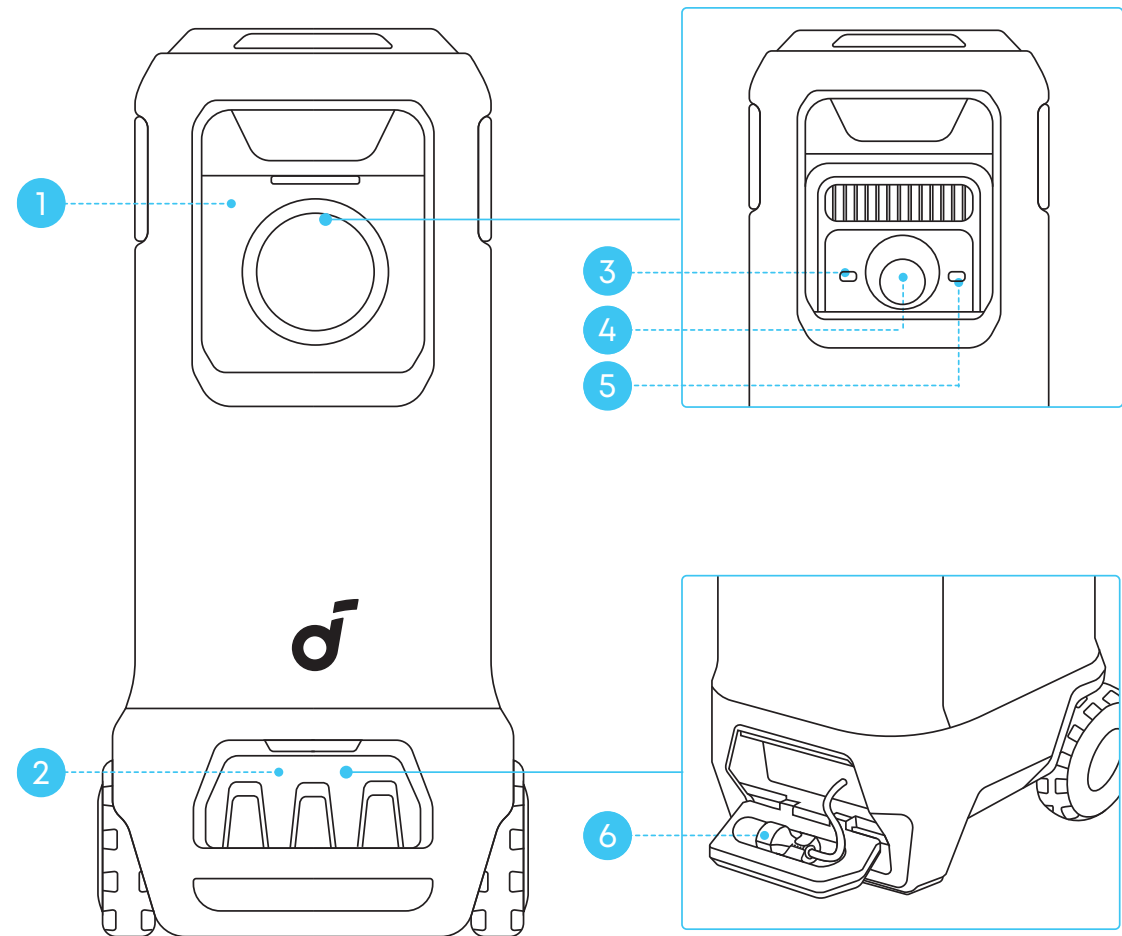
Rear Surround Speaker
x2



Quick Start Guide
x1

At a Glance

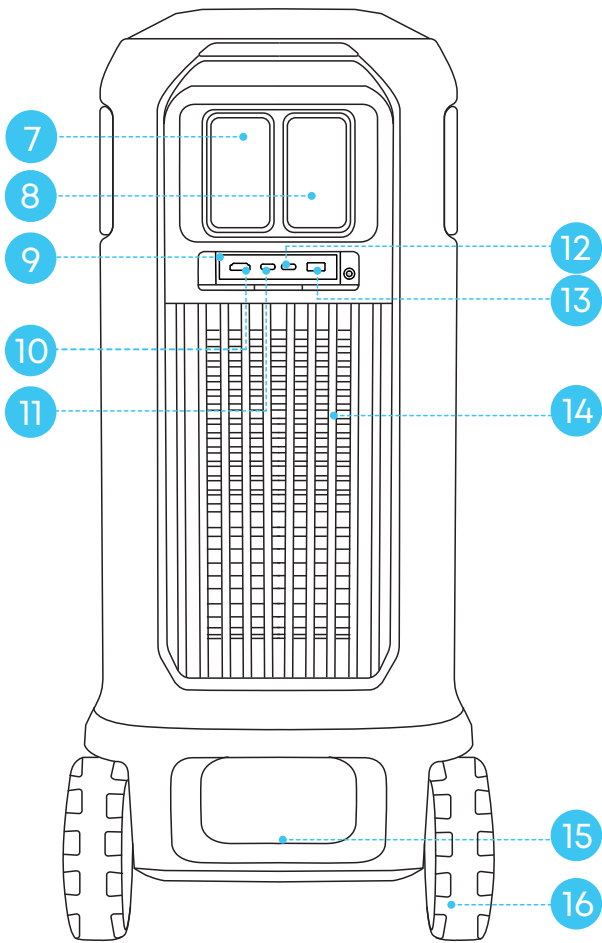
1. Front View



1	Lens Cap • Always slide down the lens cap when the projector is on.	4	Lens
2	Cable Cover	5	Depth Sensing
3	Camera	6	Power Cable*

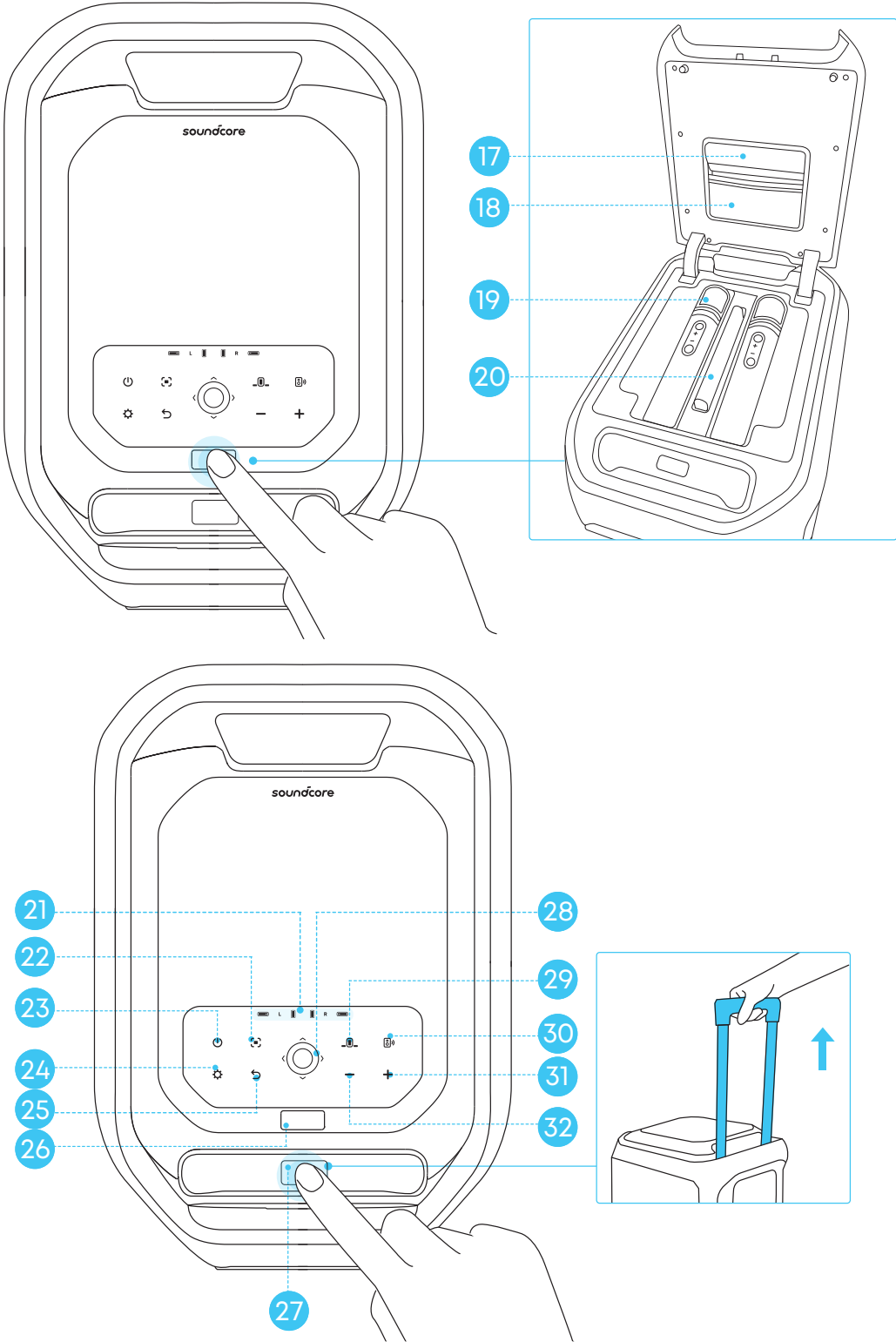
*Note: The plug type varies by region.

2. Rear View



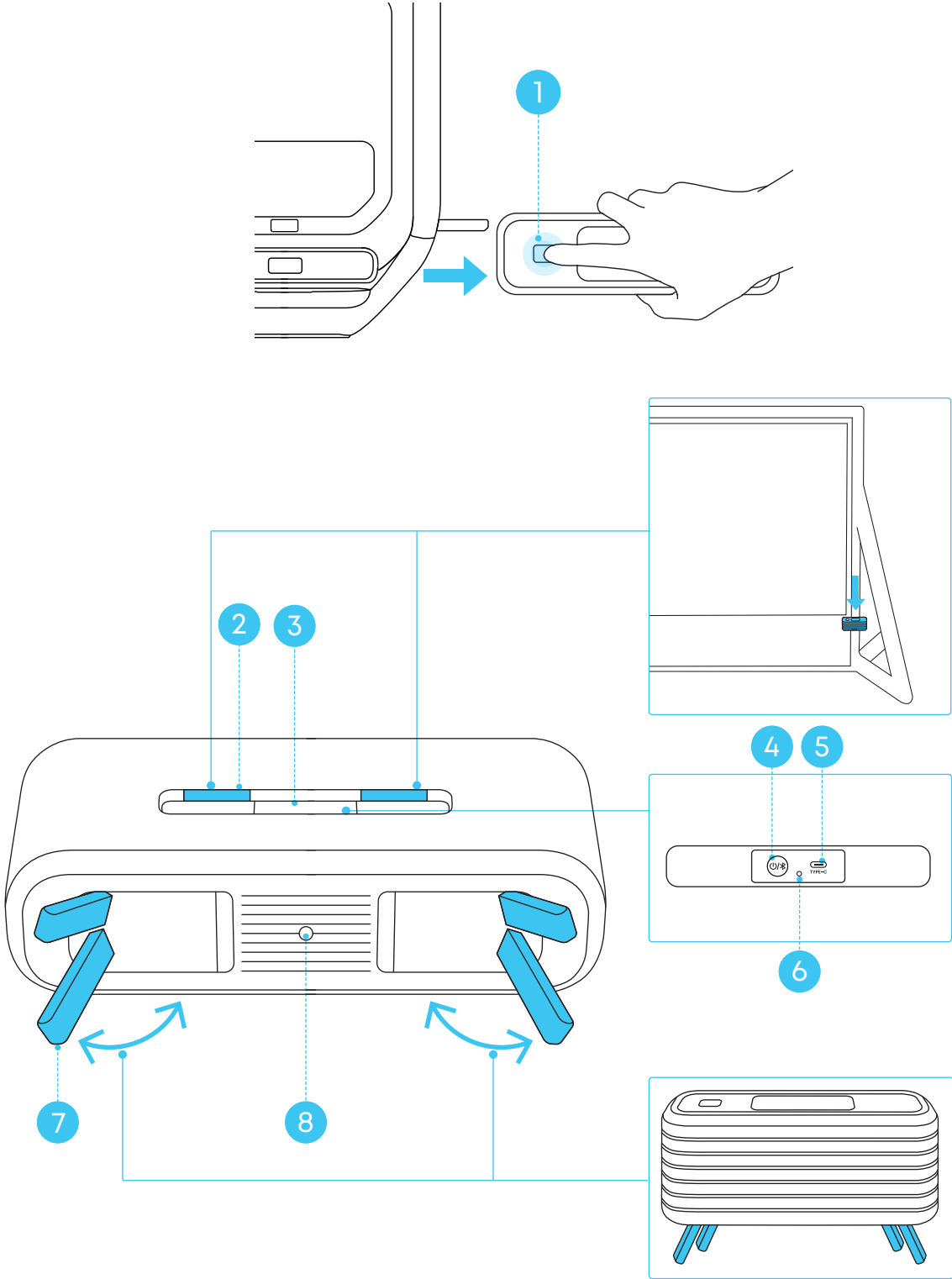
7	Rear Surround Speaker (L)	12	USB-C 2 • Supports 5V/2A output.
8	Rear Surround Speaker (R)	13	USB-A • Supports 5V/2A output.
9	Interface	14	Liquid Cooling System • Delivers 30% more efficient heat dissipation.
10	HDMI • Connects to an HDMI source.	15	Pedal
11	USB-C 1 • Supports 5V/2A output.	16	Wheel ×2 • It is recommended to use it on concrete, hard floors, marble, or other solid, flat surfaces with ground clearance under 45mm.

3. Top View



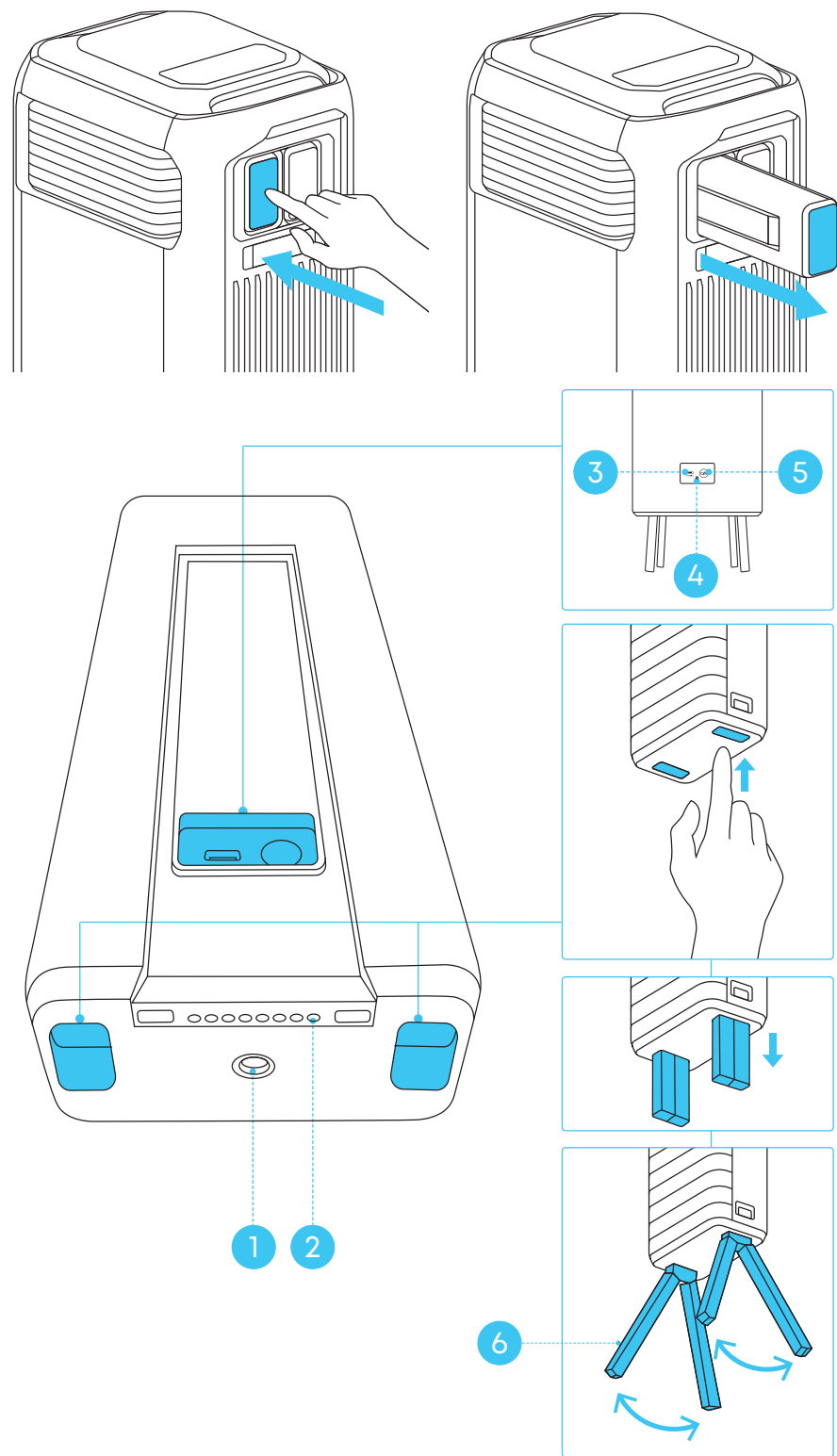
17	Light	25	Return Button
18	Mesh Pocket	26	Projector Station Release Button
19	Wireless Microphone ×2	27	Telescopic Handle Release Button • Push the release button on the handle to pull out or retract the telescopic handle.
20	Remote	28	Navigation and Selection
21	Front and Rear Surround Speakers Battery Indicators	29	Front Surround Speakers Deploy Button • Press to automatically extend or retract the front surround speakers.
22	Auto Image Adjustment • Press to start auto focus and auto keystone correction. • Long-press to go to the Nebula Dashboard.	30	Bluetooth Speaker Mode Button • Press to switch between Projector Mode and Bluetooth Speaker mode.
23	Power Button	31	Volume Up Button
24	Settings Button	32	Volume Down Button

4. Front Surround Speakers



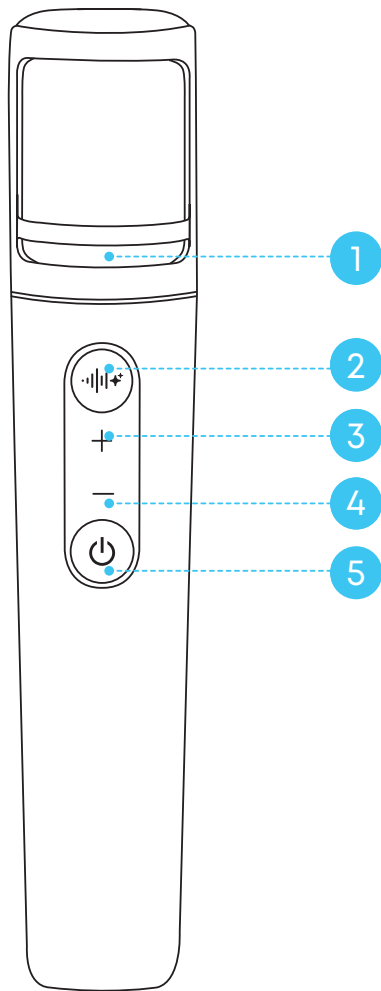
1	Lock Button Press and hold the lock button to take out the front surround speaker.	5	Type-C Port Connect the Type-C cable to the port and then to a power source for charging.
2	Screen Hanging Slot x2	6	Reset Pin Access Reset the device by inserting a pin (not included) into the small hole. Press and hold for 10 seconds to complete the reset process.
3	Rubber Cover	7	Foldable Stand
4	Power Button - Short-press to power on the front surround speaker. - Press and hold for 3 seconds to power off the front surround speaker. - Press and hold for 8 seconds to reset the front surround speaker.	8	1/4" Tripod Mount

5. Rear Surround Speakers



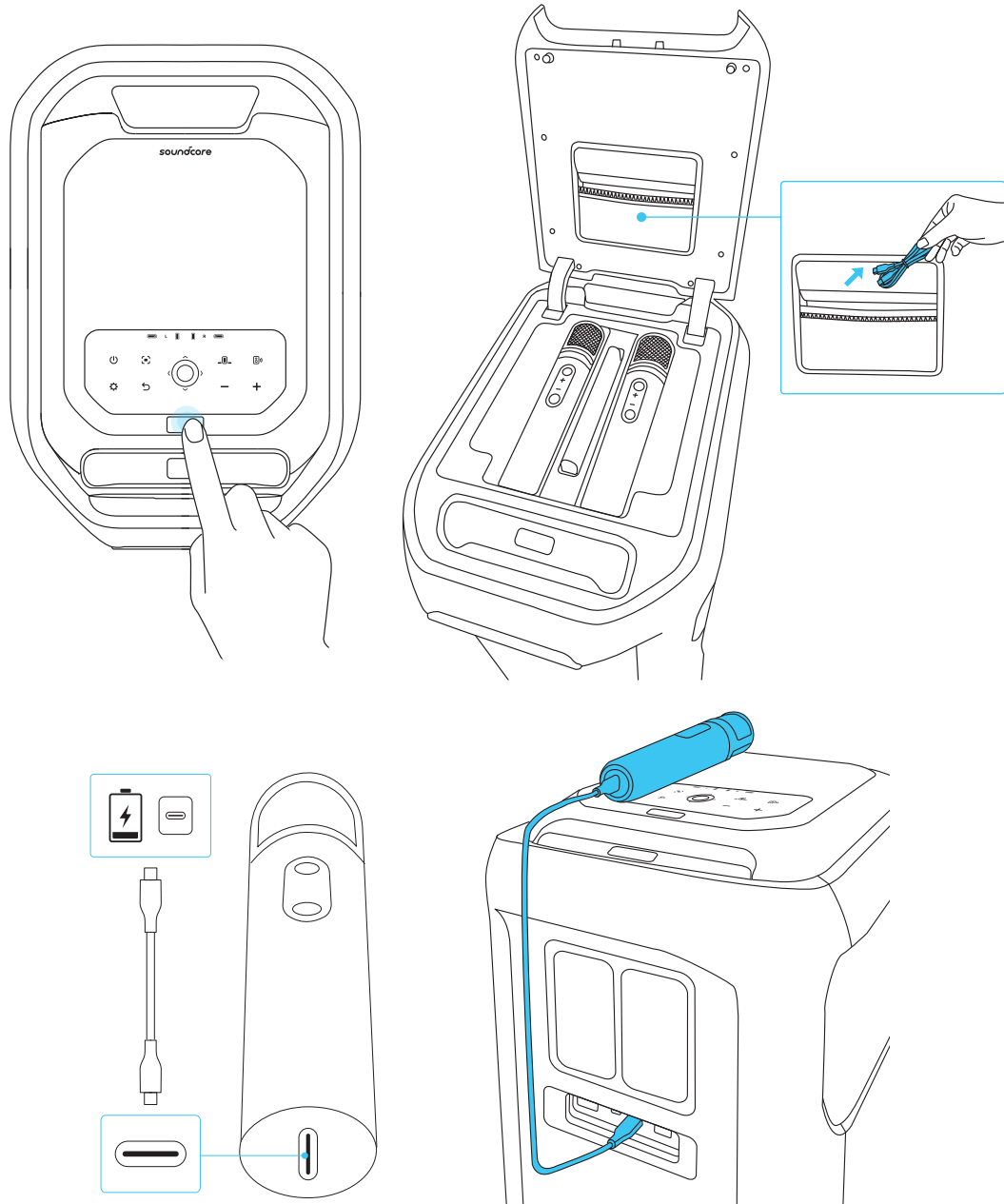
1	1/4" Tripod Mount	4	Reset Pin Access Reset the device by inserting a pin (not included) into the small hole. Press and hold for 10 seconds to complete the reset process.
2	Pogo Pin	5	Power Button - Short-press to power on the rear surround speaker. - Press and hold for 3 seconds to power off the rear surround speaker. - Press and hold for 8 seconds to reset the rear surround speaker.
3	Type-C Port Connect the Type-C cable to the port and then to a power source for charging.	6	Foldable Stand

6. Wireless Microphone



- 1 LED Ring:** Displays the status of the wireless microphone.
 If the LED ring is flashing blue, it means that the wireless microphone is disconnected from the speaker. To restore the connection, try restarting the microphone or the projector. If necessary, go to **All Settings > Remote & Accessories > Pair More Official Accessories** to re-pair the microphone.
- 2 AI Vocal Removal Button:** Press to remove the vocals from background music.
- 3 Volume Up Button:** Press to increase volume.
- 4 Volume Down Button:** Press to decrease volume.
- 5 Power Button:** Press to turn on the microphone. Press and hold for 2 seconds to turn it off. Press and hold for 8 seconds to reset Bluetooth settings.

7. Charge the Wireless Microphone



When the projector is powered on, connect the microphone to the USB-C port in the interface using the provided Type-C cable. Charging will start automatically. You can also connect the provided Type-C cable to the microphone and an adapter (not included), then plug the adapter into a power source to charge the microphone.

-  We recommend using a 7.5W or below charger.
-  It takes approximately 3 hours to fully charge the microphone.

LED Light Guide

1. Buttons and Indicators on the Control Panel

Component	LED Behavior	Status
Power Button	Light off.	Projector not connected to power source.
	Steady white.	Projector powered on.
	Steady red.	Projector connected to power source and is either powered off or in standby mode.
Mode Indicator	Steady white.	In Projector Mode.
	Steady blue.	In Bluetooth Speaker Mode.
Surround Speakers Battery Indicator	Steady white.	The corresponding surround speaker connected and battery level > 20%.
	Steady red.	The corresponding surround speaker connected and battery level ≤ 20%.
	Flashing white.	The corresponding surround speaker not connected.

2. Remote

Component	LED Behavior	Status
Status Indicator	Flash once in red.	Short-press any button.
	Steady red.	Long-press any button (the light will go off once you release the button).
	Flashing red.	Remote in Bluetooth pairing mode.

3. Wireless Surround Speakers

Component	LED Behavior	Status
LED Light Bar	Light off.	The speaker is turned off.
	Flashing red quickly three times.	The speaker failed to turn on due to low battery.
	Flashing white quickly.	Turned on with battery below 20% and in pairing mode.
	Flashing red quickly.	Turned on with battery below 20% and in pairing mode.
	Flashing white slowly.	Awaiting reconnection with battery above 20%.
		Charging (When the speakers are powered off).
	Flashing red slowly.	Awaiting reconnection with battery below 20%.
	Steady white.	Bluetooth connected with battery above 20%.
	Steady red.	Bluetooth connected with battery below 20%.
	Steady white for 3 minutes and then go off.	Fully Charged (When the speakers are powered off).

4. Wireless Microphones

Component	LED Behavior	Status
Power Button	Light off.	Microphone powered off.
	Flashing red quickly three times.	The microphone failed to turn on due to low battery.
	Flashing red slowly.	Turned on with battery below 10%.
	Steady white.	Turned on with battery above 10%.
		Fully charged (during charging).
	Steady red.	Charging.
LED Ring	Light off.	The microphone is turned off.
	Flashing blue quickly.	In pairing mode.
	Flashing blue slowly.	Awaiting reconnection.
	Steady blue.	Connected to the speakers.
	Light blue.	AI Vocal Removal feature is off.
	Steady orange.	Vocals are moderately removed from background music.
	Steady red.	Vocals are completely removed from background music.
	Flashing red and white alternatively.	Wireless microphone is undergoing firmware update.

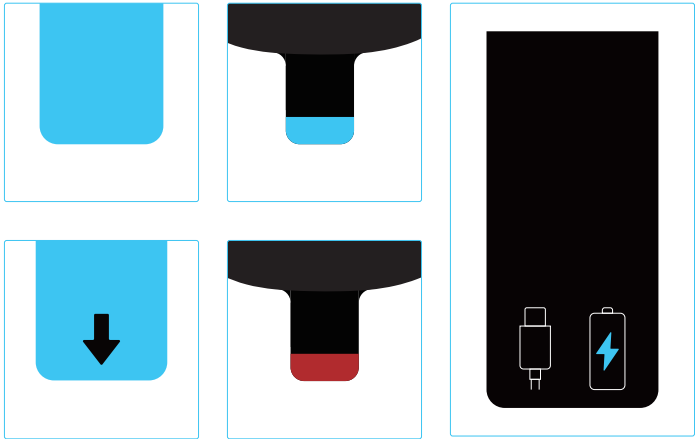
Getting Started

1. Recommended Placement

For optimal performance and safety, place the projector on a flat, open, and unobstructed surface. Ensure that there are no objects blocking the projection path. To ensure proper ventilation, we recommend allowing at least 50 cm (20 inches) of clearance on all sides.

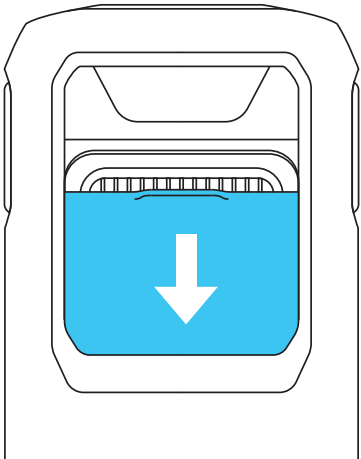
Recommended Distance Between Device and Projection Surface				
60"	120"	150"	200"	300"
1.2 - 2.0 m (3.9 - 6.6 ft)	2.4 - 4.0 m (7.9 - 13.1 ft)	3.0 - 5.0 m (9.8 -16.4 ft)	4.0 - 6.7 m (13.1 - 21.9 ft)	6.0 - 10 m (19.7 - 32.8 ft)

2. Prepare the Projector

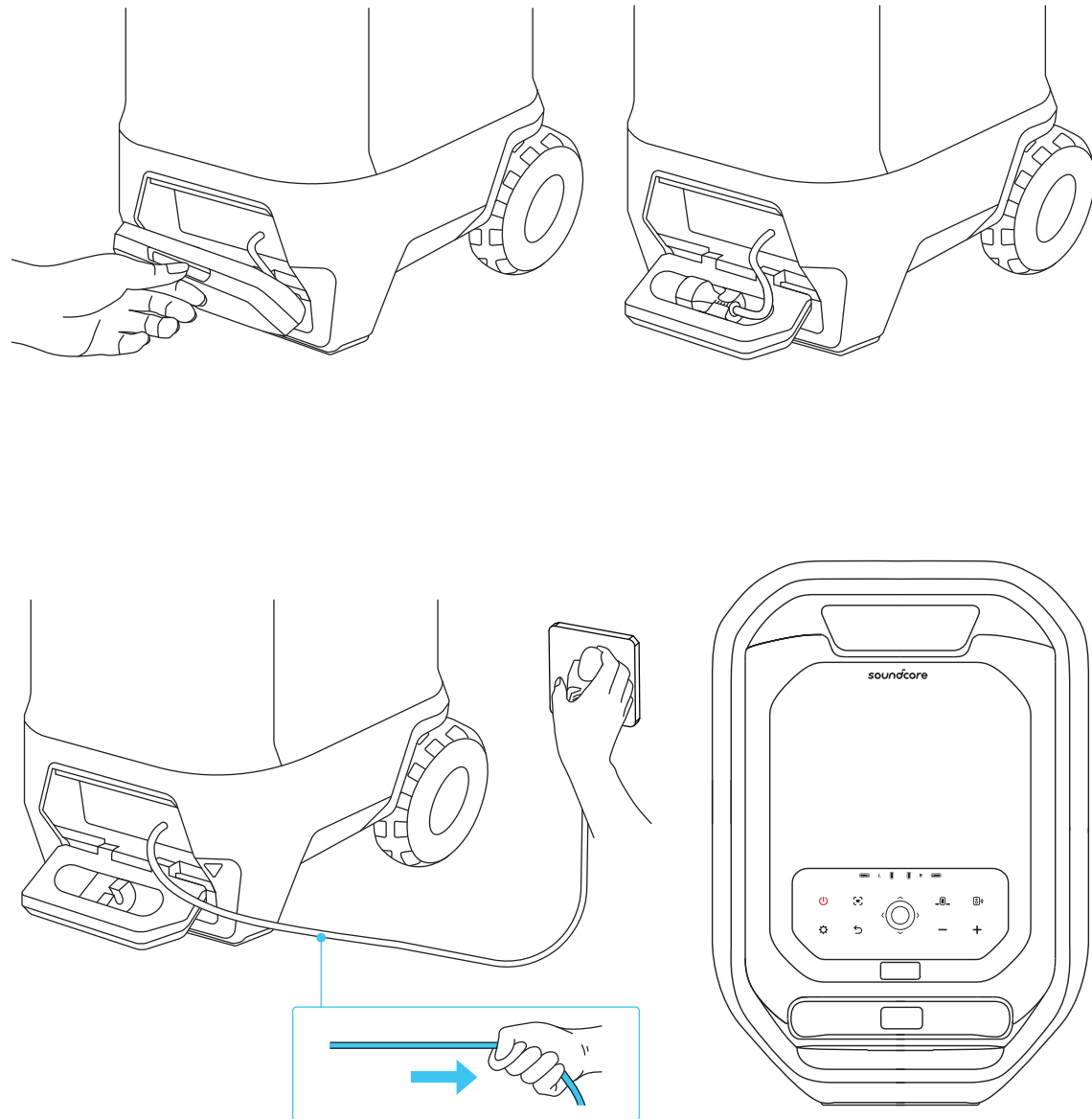


Before using the projector, remove every sticker with a peel-off tab from the device.

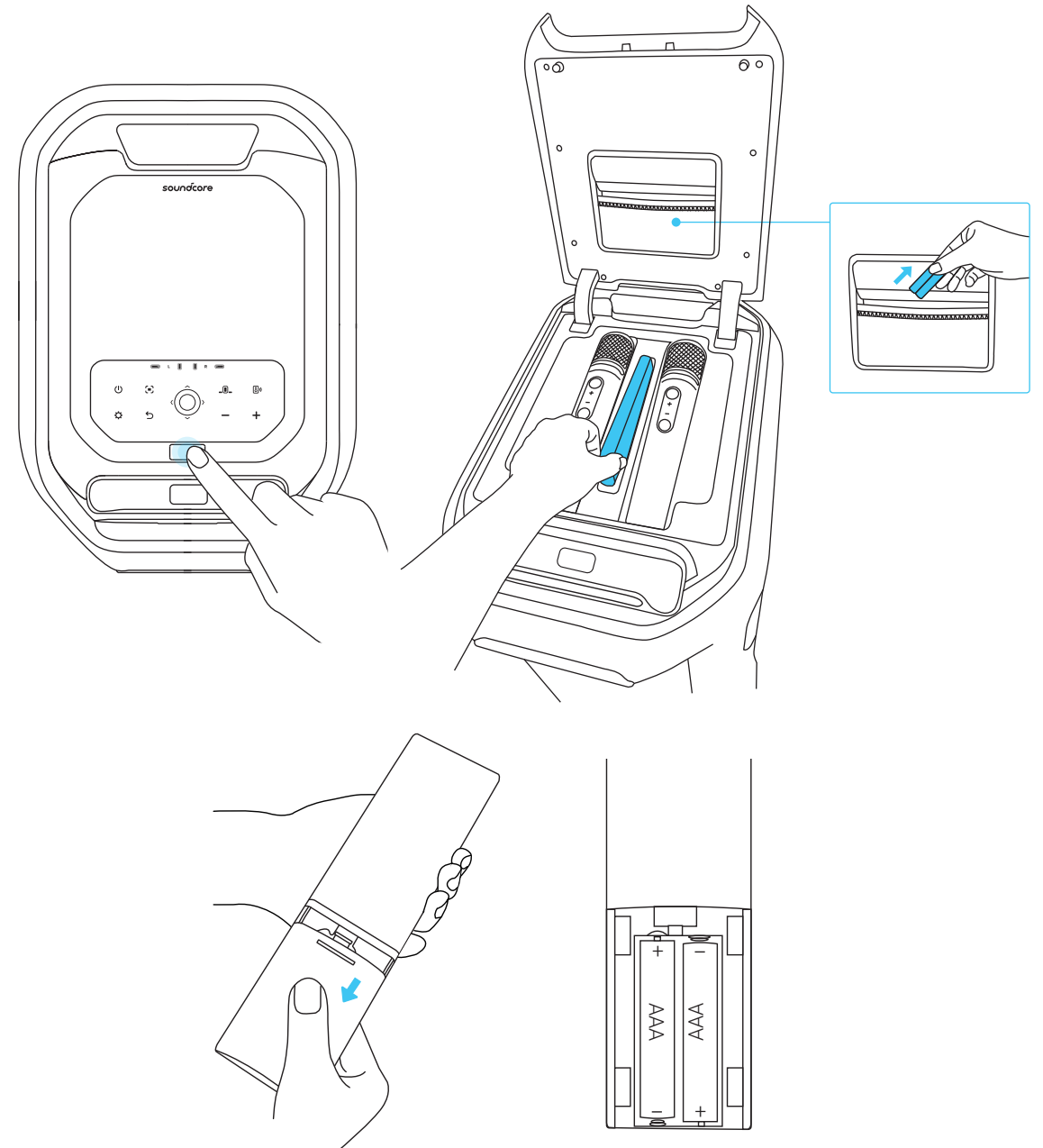
- ① Slide down the lens cap.



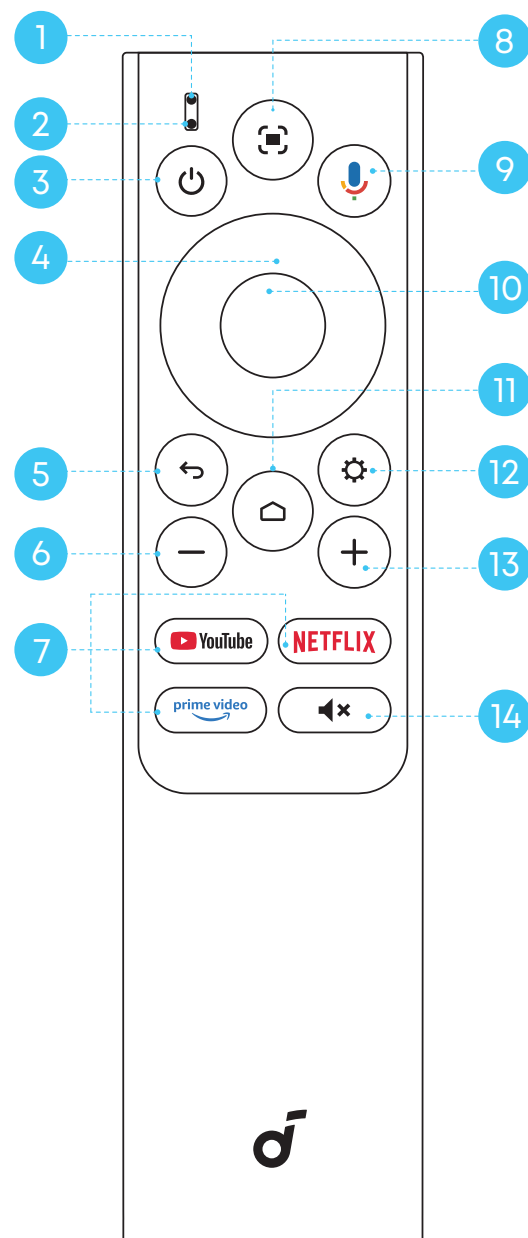
- ② Open the cable cover. Then plug the cable into a power source. When successfully connected to the power supply, the power button on the projector will turn red.



3. Prepare the Remote

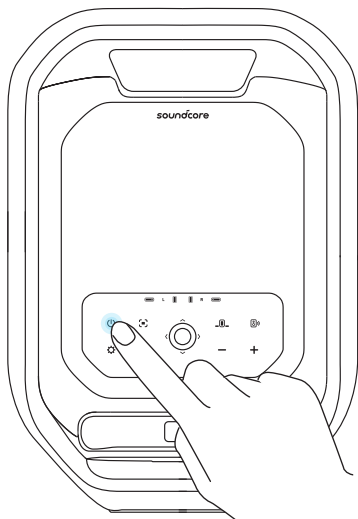


- ① Press the button to open the projector station.
- ② Find the AAA batteries in the mesh pocket, then take out the remote from the station.
- ③ Slide down to open the battery compartment of the remote.
- ④ Insert two AAA batteries, matching the polarity (+ / -) as indicated.



- 1 Status Indicator
- 2 Microphone
- 3 Power
 - Short-press to power on / enter standby mode.
 - Long-press to power off / restart / enter Sleep Mode / switch to Bluetooth Speaker Mode.
- 4 Navigation
 - Control the cursor on the screen.
- 5 Return
 - Return to previous page.
- 6 Volume Down
 - Press to reduce volume.
- 7 Streaming Apps
 - Press to open YouTube, Netflix, or Prime Video.
- 8 Auto Image Adjustment
 - Press to trigger auto image adjustment.
 - Long-press to direct to Nebula Dashboard.
- 9 Google Assistant
 - Long-press to talk to Google Assistant.
- 10 Confirm
 - Press to select, pause, or resume.
- 11 Home
 - Press to go to the home page, long press to open settings.
- 12 Settings
 - Press to go to settings.
- 13 Volume Up
 - Press to increase volume.
- 14 Mute
 - Press to mute / unmute the sound.

4. Power On / Off



When the projector is connected to power supply, press the power button once on the control panel or remote to power on the projector. At this time, the power button will now turn steady white.

- **Power Off:**
 - ① Press and hold the power button (projector / remote) for 3 seconds, an on-screen prompt will pop up.
 - ② Confirm power off with the navigation button or wait 15 seconds for automatic power off.
- **Standby Mode:** When the projector is powered on, press the power button (projector / remote) once to enter standby mode.

After powering on the projector, follow the Setup Wizard to complete the initial configurations.

5. APP

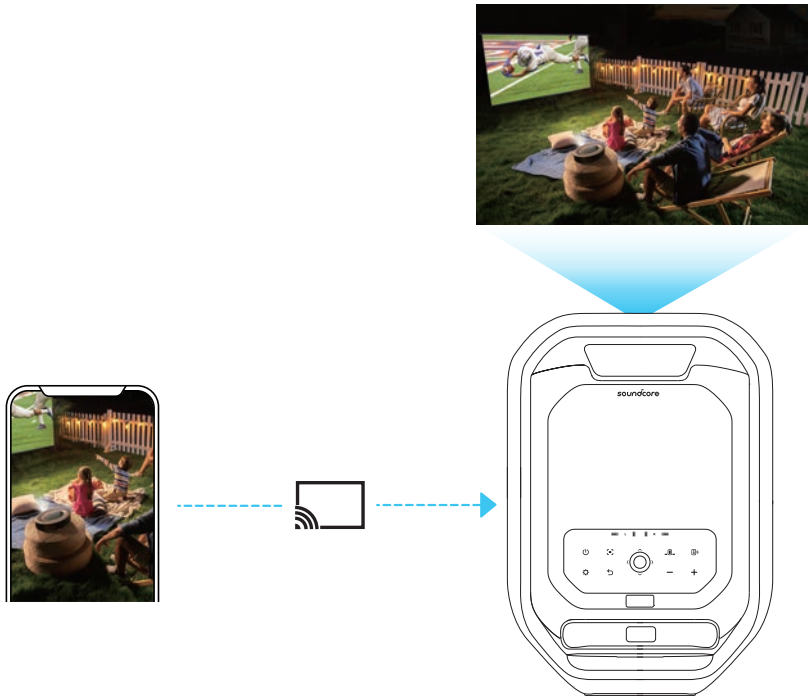


Easily control your projector and explore more exciting features in the Nebula Connect app.

Chromecast Built-In

You can wirelessly cast photos, videos, and music from your phone or tablet to your projector.

- ① Make sure the projector and your phone are connected to the same wireless network.
- ② Play a video on your streaming app and then tap the cast icon on the screen.
- ③ Select **Nebula X1 Pro** to play the content on your projector.



Certain content may be unavailable due to copyright restrictions. In this case, you can install the app on your projector to stream content.

Wireless Screen Mirroring

You can mirror your phone's screen on your projector. To enable screen mirroring, please make sure the projector and your phone are connected to the same wireless network.

- For iOS devices:**
 - ① Download and open the Nebula Cast app on your projector.
 - ② Open your iOS device's control center and tap "Screen Mirroring".
 - ③ Click on **Nebula X1 Pro** in the device list.

- For Android devices:**
 - ① Open the Google Home app and select **Nebula X1 Pro**.
 - ② Tap "Cast My Screen" to start casting.

Copyrighted and DRM-protected content from streaming services like Netflix and Disney+ cannot be mirrored.

Image Setup & Optimization

1. Recommended Screen Materials & Influencing Factors

To achieve the best image quality from your projector, we recommend choosing projector screens made from different structures and materials according to your specific usage scenarios. This will help maximize color accuracy, detail, and brightness:

Recommendations:

- **Strong ambient light around:** The ALR Fresnel screen can effectively block ambient light and limit the viewing angle.
- **Strong top light:** CLR screen (e.g., black grid) can effectively block ambient light from above.
- **Low light conditions:** Soft white screen, and transparent screen are all suitable.

Please note that it is advisable to choose a screen suitable for mid or long throw ratio projectors. Screens suitable for ultra short throw projectors may have certain impact on the brightness and color performance of the image.

Not Recommended:

- **Metal Screen:** Generally with high gain, suitable for products with low brightness. X1 Pro has 3500lm high brightness and is not suitable for this type of screen.
- **Basic Matte White Screens:** Poor capability in speckle and color control, and struggle to deliver deep black levels, leading to washed-out images in darker scenes.

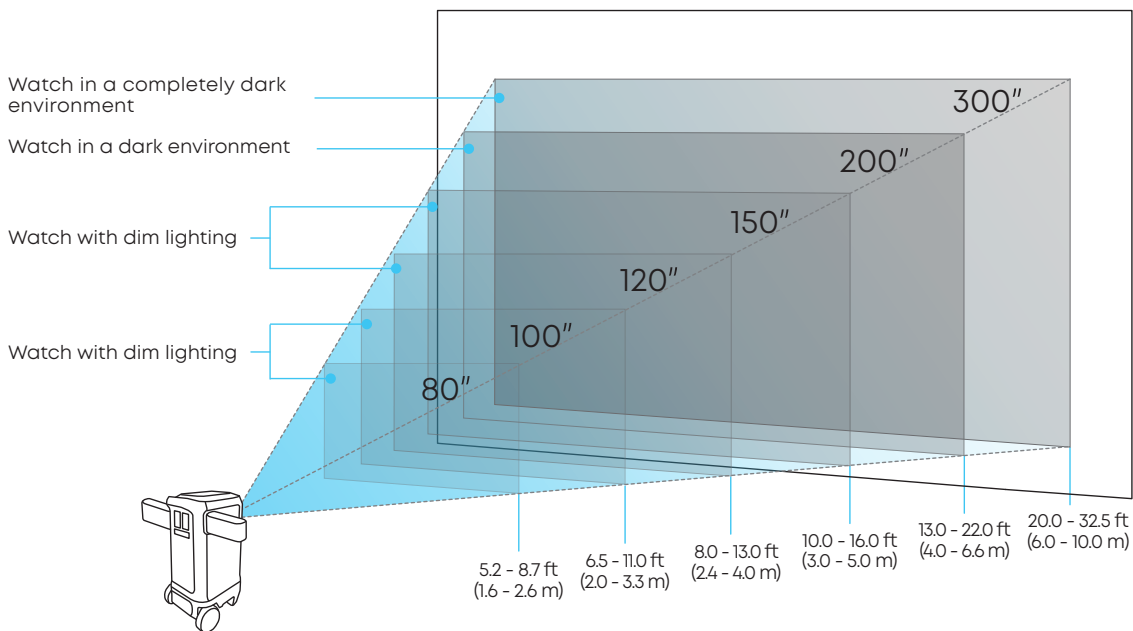
Influencing Factors for Screen Performance

The quality of projected images is not determined by screen material alone. Several additional factors can significantly influence performance:

- **Ambient Light:** The presence and direction of ambient light affect perceived brightness and contrast. ALR screens are preferable in well-lit spaces.
- **Screen Gain:** Gain influences brightness and viewing angle. Higher gain offers brighter images but may introduce hotspots and color inconsistencies, while lower gain results in wider viewing angles and more uniform images.
- **Projector Specifications:** The brightness (ANSI lumens), resolution, and light source quality of your projector interact with the screen surface to determine final picture quality.
- **Viewing Angle:** Different materials distribute reflected light differently, impacting how the image looks when viewed off-center.
- **Room Layout and Décor:** Wall color, reflective surfaces, and room size can all affect both projected light and the viewing experience. Dark, matte walls and ceilings are ideal for minimizing stray light reflections.
- **Installation Quality:** Tensioned screens that remain flat are essential for maintaining focus and preventing image distortion. Proper alignment with the projector avoids keystoneing and uneven brightness.

2. Throw Distance & Screen Size

Refer to the diagram below for recommended viewing sizes under various ambient light conditions. Optical zoom enables flexible screen sizes at different throw distances.



3. Picture Mode Definitions & Adjustment Specs

Different picture modes are preset with specific brightness, contrast, color, and sharpness settings to help users quickly adapt to different scenarios. For example, Movie Mode emphasizes color accuracy and contrast for darker environments, while Standard Mode offers a balanced performance for everyday viewing. NebulaMaster achieves an optimal balance of brightness, color, and contrast to closely replicate natural human vision. Game Mode is designed to improve response time and brightness for reduced latency, and Conference Mode enhances brightness and clarity, making it ideal for use in well-lit meeting rooms.

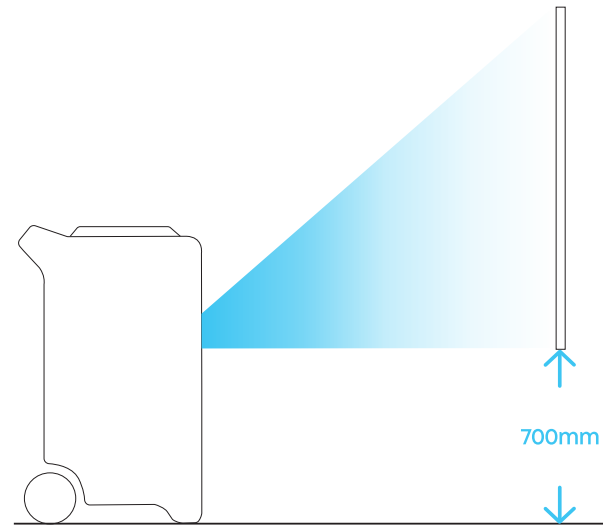
For more picture modes and adjustment specs, refer to the chart below.

Mode	Description	Color Temperature / Gamut	Color Accuracy	Contrast	MEMC
NebulaMaster	Exclusive to Nebula, it perfectly balances brightness, color, and contrast for a true-to-life experience—highly recommended for daily viewing.	SDR: 100% DCI-P3 / HDR: 100% Rec2020	/	1300:1-5000:1	/
Standard	Factory default, suitable for general TV and video with natural tones.	SDR: 100% DCI-P3 / HDR: 100% Rec2020	/	1300:1-5000:1	/
Vivid	Brightest colors and widest gamut, ideal for vibrant displays and showroom displays.	110% Rec	/	1300:1-5000:1	/
Sport	Low MEMC for smooth and sharp motion; perfect for fast-paced sports.	SDR: 100% DCI-P3 / HDR: 100% Rec2020	/	1300:1-5000:1	Low
Movie	Maximizes contrast and color accuracy with minimal motion compensation, ideal for dark-room environments, professional color grading, and cinematic viewing.	SDR: 100% BT709 / HDR: 100% Rec2020	Delta E < 0.8	1300:1-5000:1	/

Game Extreme	Designed for gaming consoles like PS5 via HDMI, prioritizing ultra-low latency and smooth graphics without keystone correction.	SDR: 100% DCI-P3 / HDR: 100% Rec2020		1300:1-5000:1	Low
Game Standard	Balances game visual quality with latency for casual gaming experiences.	SDR: 100% DCI-P3 / HDR: 100% Rec2020		1300:1-5000:1	Low
Conference	Brightest mode for presentation use in well-lit meeting rooms, with a greenish tint for document clarity.	110% Rec2020		1300:1-5000:1	/
ISF Day	Calibrated for daylight conditions, ensuring accurate reproduction under bright ambient light.	SDR: 100% BT709 / HDR: 100% Rec2020	Delta E < 0.8	1300:1-5000:1	/
ISF Night	Calibrated for low-light or nighttime viewing with accurate color balance.	SDR: 100% BT709 / HDR: 100% Rec2020	Delta E < 0.8	1300:1-5000:1	/
Dolby Vision Dark	Dolby Vision preset optimized for dark scenes with rich shadow details.	/	Delta E < 1	1300:1-5000:1	/
Dolby Vision Bright	Dolby Vision optimized for bright scenes with vivid clarity.	/	Delta E < 1	1300:1-5000:1	/
Dolby Vision Vivid	Dolby Vision Vivid Mode for maximized color brilliance and dynamic range.	/	Delta E < 1	1300:1-5000:1	/

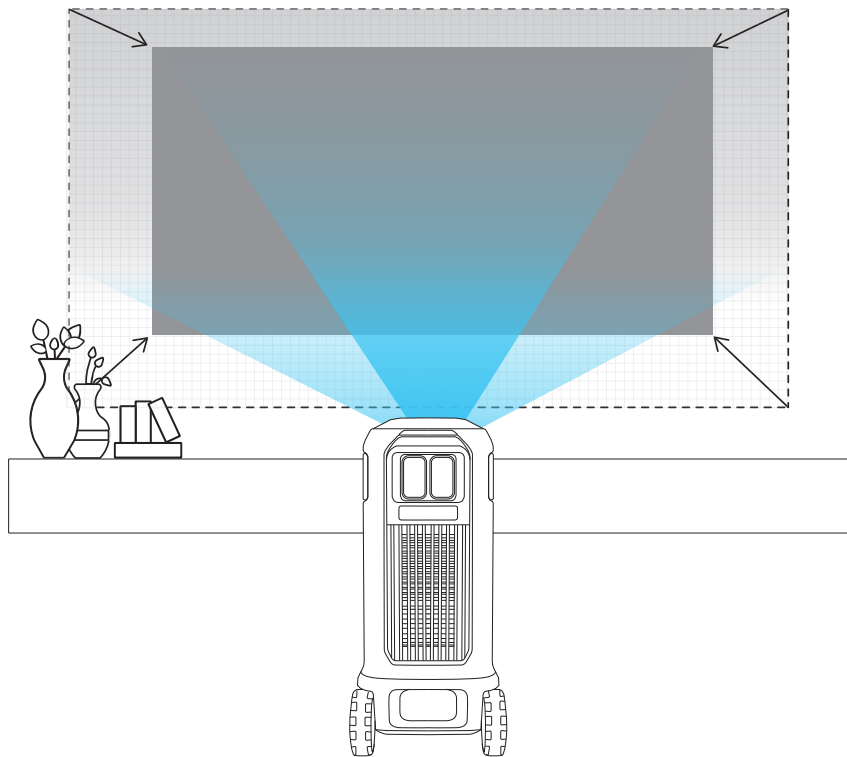
4. Image Adjustment Tips

4.1 Minimum Screen Height from Floor



- The bottom edge of the screen should be ≥ 700 mm above the floor and higher than the projector's minimum projection height, to prevent obstruction by furniture or viewers.
- The built-in motorized gimbal supports **0° - 25° electric tilt adjustment**. Do not rotate the gimbal manually to avoid damaging the motor or gear mechanism.

4.2 Using Spatial Adaptation



The projector will scan the projection surface and automatically adjust the screen size and position for best results.

- ① Go to **All Settings > Projector > Spatial Adaptation** to find the optimal projection position for your space.
- ② The projector will automatically adjust the image based on the actual environment. If a projection screen is detected, the image is automatically adjusted to fit the screen. If no screen is found, the projector will automatically identify the optimal projection area and correct the image accordingly.
- ③ You can customize this setup by going to **All Settings > Projector > Spatial Adaptation**.

4.3 Horizontal Keystone Correction and Perception Range

Horizontal Keystone Angle Range:

- The projector supports horizontal keystone correction within a range of $\pm 30^\circ$. This means that it can automatically compensate for horizontal distortion when the projector is placed at an angle to the screen, ensuring that the projected image remains correctly rectangular and free from skewing.

Perception Range for Auto Correction:

- For the auto horizontal keystone correction feature to function accurately, the projector must be positioned within a distance range between 1.2 m and 7 m from the wall or projection screen.
- The automatic sensing and image correction process will be triggered only when the device detects that it is within this perception range. Please ensure there are no obstacles between the projector and the wall, as obstructions may affect sensing accuracy.

Recommended Placement for Wireless Surround Speakers

7.1.4 Setup - Suitable for Groups of 3 or More Viewers

The 7.1.4 setup offers a true cinematic experience with 7 surround speakers (front left, center, front right, left surround, right surround, rear left surround, rear right surround), 1 subwoofer, and 4 overhead speakers. This setup is ideal for larger spaces and group viewing.

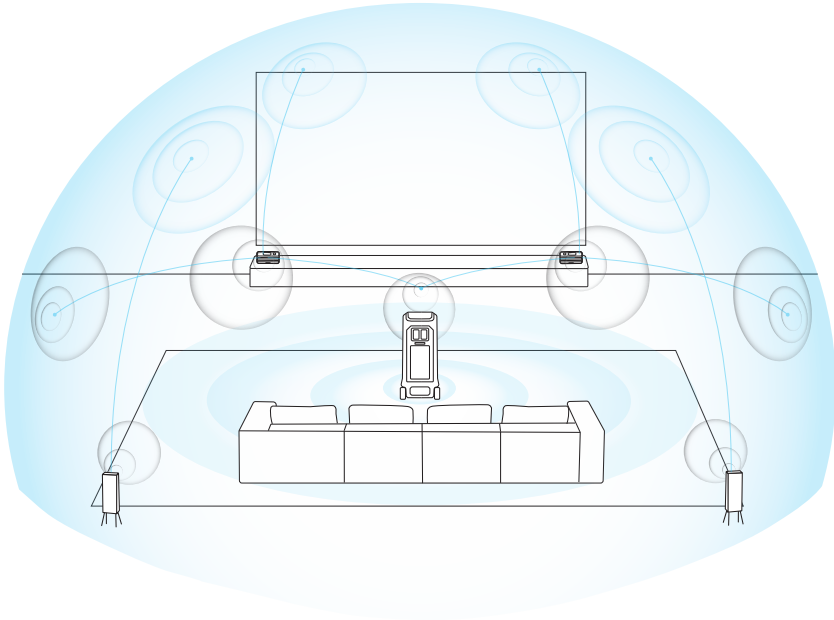
If you prefer a more enveloping sound, go to **All Settings > Display & Sound > Sound > Speakers** to switch on **LoudnessBoost**.

- 💡 When LoudnessBoost is enabled, the rear surround speakers will also play the audio from the front channels. This feature effectively enhances sound fullness when playing stereo audio. For multi-channel audio formats, such as Dolby, it is recommended to turn off LoudnessBoost to preserve the original surround sound experience.

Modes of Operation

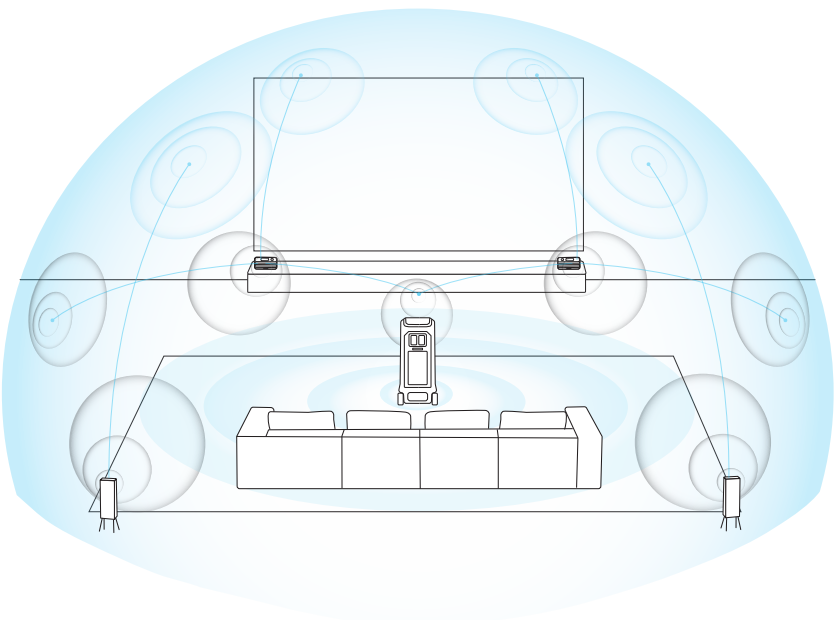
7.1.4 Discrete Mode

In this mode, each speaker operates independently. This maximizes spatial accuracy and is best for high-fidelity surround mixes.



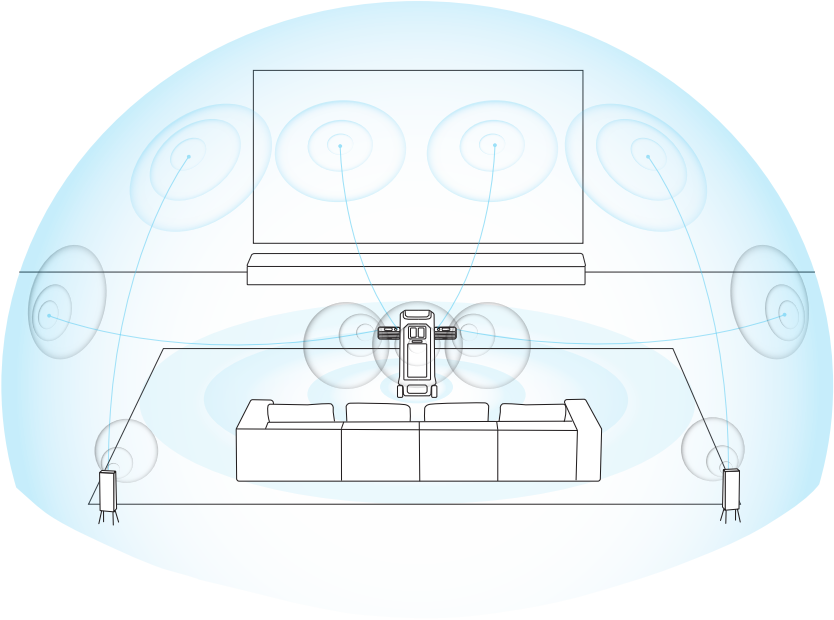
7.1.4 Discrete Loudness Mode

This mode maintains full discrete channel separation but applies LoudnessBoost to rear surround speakers.



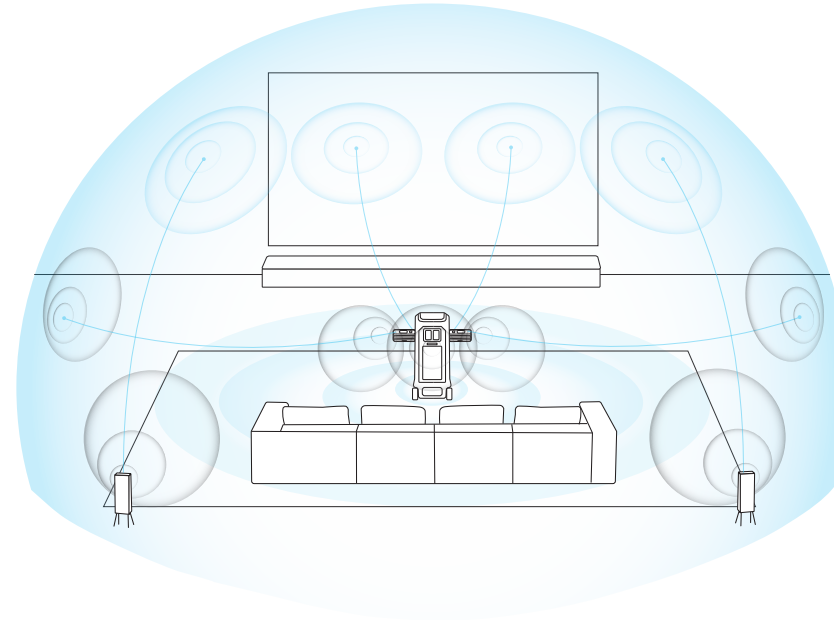
7.1.4 Soundbar Mode

This mode consolidates multi-channel audio into a virtual surround field, optimizing the output for users who may not be able to perfectly position all speakers.



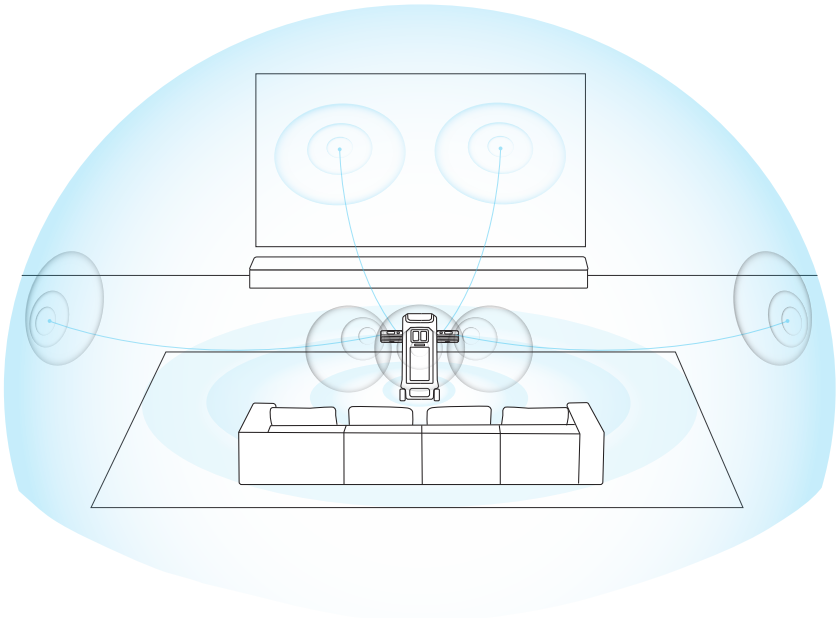
7.1.4 Soundbar Loudness Mode

This mode is similar to Soundbar Mode, but with LoudnessBoost enabled. This is useful for enhancing overall output during parties or large group events.



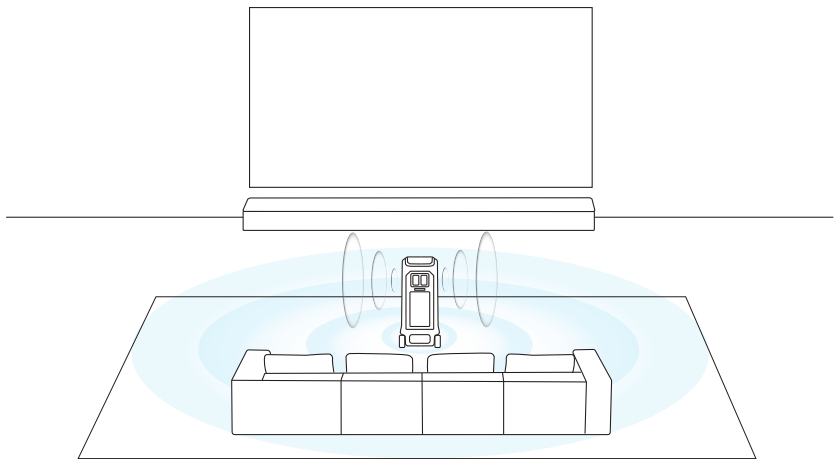
5.1.2 Setup: Ideal for Up to 3 Viewers

The 5.1.2 setup consists of 5 surround speakers (front left, center, front right, left surround, right surround), 1 subwoofer, and 2 overhead speakers. This setup is well-suited for smaller spaces, providing quality surround sound experience for fewer viewers.



2.1 Setup: Ideal for Music Listening and Small Parties

The 2.1 setup consists of 2 front surround speakers, 2 rear surround speakers, and 1 subwoofer. This simple and flexible setup creates a pleasant atmosphere for daily music enjoyment and small gatherings.



Bluetooth Speaker Mode

The projector can also be used as a Bluetooth speaker.

- ① Go to **All Settings > Display & Sound > Sound > Bluetooth Speaker Mode** to switch your projector from Projector Mode to Bluetooth Speaker Mode. Alternatively, you can go to **Dashboard > Sound > Bluetooth Speaker Mode**.
- ② Enable Bluetooth on your smartphone and select **Nebula X1 Pro**.

 The projector comes with four wireless surround speakers. If you connect additional Bluetooth speakers, there may be a delay or a lack of synchronization between the sound from your Bluetooth speakers and the wireless surround speakers.

FlexWave™

FlexWave™ lets you create a true 7.1.4 Dolby Atmos surround sound experience with wireless flexibility. You can place the 4 surround speakers anywhere you like. FlexWave™ will automatically identify their positions, optimize the sound field, and allow you to easily adjust to the perfect listening spot. To enjoy FlexWave™ technology, simply go to: **All Settings > Display & Sound > Sound > FlexWave**.

Karaoke

You can use the projector's wireless microphone for Karaoke. Please follow the steps below to access the Karaoke features: Go to **All Settings > Display & Sound > Sound > Microphone**.

AI Vocal Removal

Intelligently removes the original vocals from songs, preserving the instrumental accompaniment. This feature allows you to enjoy Karaoke or create customized mixes.

Smart Reverb

Provides multiple preset reverb effects to enhance your vocals, adding depth and ambience to your sound. This feature offers a more professional audio experience during Karaoke.

Auto Guide Vocal

By default, the system removes the original vocals, but with Auto Guide Vocal feature, the projector detects when you pause or stop singing and seamlessly restores the original vocals. This ensures smooth transitions and helps you complete the entire song effortlessly.