

SOOMFON SP600-BN1

SOOMFON Conference Speaker and Microphone User Manual

Model: SP600-BN1 | Brand: SOOMFON

1. INTRODUCTION

The SOOMFON SP600-BN1 Conference Speaker and Microphone is designed to enhance your communication experience in various professional settings, from home offices to large boardrooms. This versatile device combines a high-quality speakerphone with a comprehensive docking station, offering superior audio clarity, extensive connectivity, and smart noise cancellation for seamless meetings and productive work.

2. WHAT'S IN THE BOX

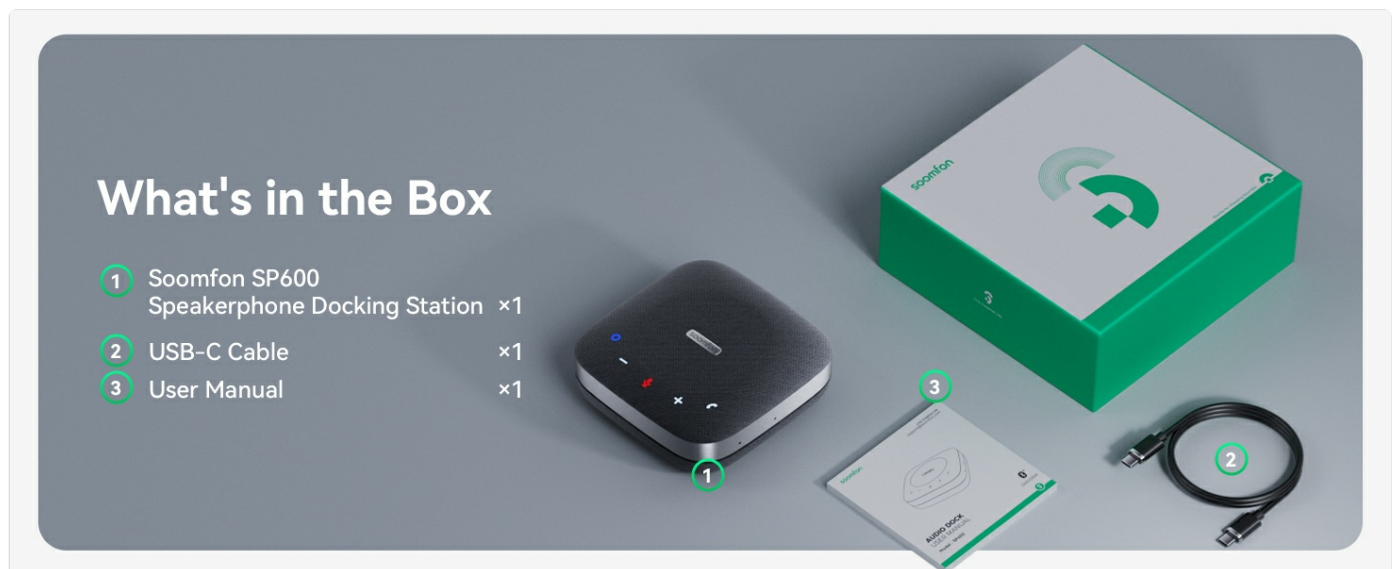


Figure 2.1: Package Contents

- SOOMFON SP600 Speakerphone Docking Station x 1
- USB-C Cable x 1
- User Manual x 1

3. PRODUCT FEATURES

- **Enhanced 360° Room Coverage:** Equipped with 4 AI omnidirectional microphones, ensuring your voice is clearly heard and highlighted in any environment.

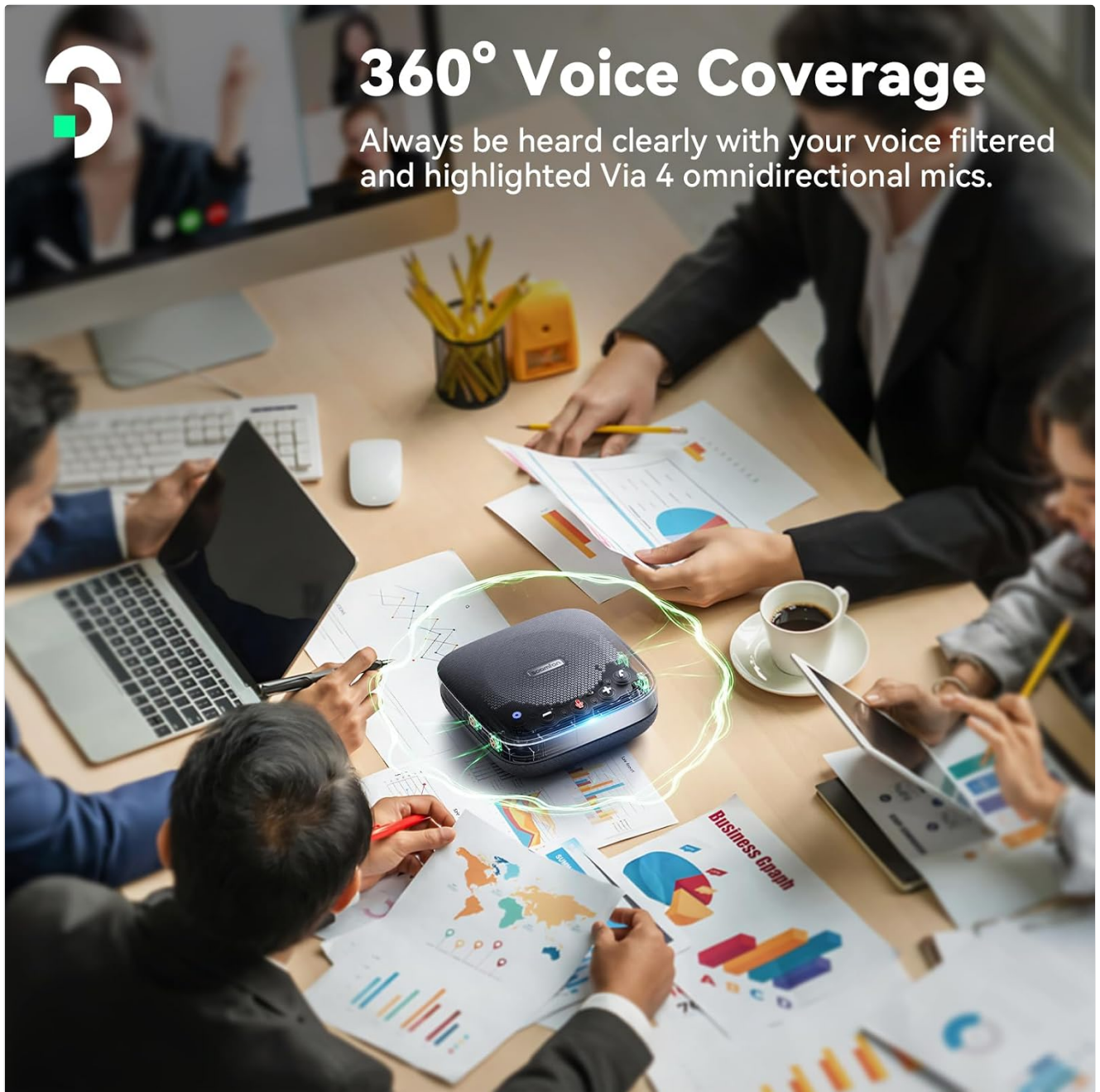


Figure 3.1: 360° Voice Coverage

- **Smart Noise Cancellation:** Eliminates ambient noises and distractions for a focused audio experience.



Smart Noise Cancellation

Eliminate ambient noises and distractions with Smart noise canceling.



Figure 3.2: Smart Noise Cancellation

- **Face-to-Face Audio Quality:** Acoustically tuned speakers spread sound evenly, providing crystal-clear audio for a natural conversation feel.



Face-to-Face Quality

Acoustically tuned speaker provides face-to-face quality.



Figure 3.3: Face-to-Face Audio Quality

- **Integrated Docking Station:** Transforms your laptop into a comprehensive workstation with multiple ports.



Speakerphone with Docking Station All You Need in One Device



Docking Station



Speaker



Microphone



Voice Recognition



Figure 3.4: Speakerphone with Docking Station Capabilities

- **Extensive Compatibility:** Compatible with all popular online conferencing platforms (e.g., Zoom, GoToMeeting, Skype, FaceTime, Hangouts, Webex, Microsoft Teams, Slack, Google Meet) and various devices via USB-C, USB-A, and HDMI.



Extensive Compatibility

Downstream Devices: USB-C Cable



TV



USB Flash Drive



Keyboard



Mouse



Monitor



Hard Drive



Platforms: USB-C Cable +



Figure 3.5: Extensive Device and Platform Compatibility

- **Designed for Hybrid Use:** Perfect for seamless transitions between office, shared workspaces, huddle rooms, boardrooms, and work-from-home virtual meetings.



Figure 3.6: Versatile Use Cases

4. SETUP GUIDE

The SOOMFON SP600-BN1 is designed for plug-and-play convenience. Follow these steps for initial setup:

1. **Power Connection:** Connect the provided USB-C cable to the "Power In" port on the speakerphone and to a suitable USB-C power adapter (not included, 100W PD recommended).
2. **Connect to Host Device:** Use a compatible USB-C cable (not included, supporting PD and data) to connect the "Host" port on the speakerphone to your computer (laptop, PC, MacBook Pro).



Figure 4.1: Connecting to Host Device

3. **Driver Installation:** Your operating system (Windows, macOS) should automatically detect and install the necessary drivers. Allow any permission requests for device access.
4. **Bluetooth Pairing (Optional):** For wireless audio functionality, activate Bluetooth on your device and select "SOOMFON SP600" from the available devices to pair. Note that docking station features (HDMI, Ethernet, USB data) require a wired USB-C connection.

5. OPERATING INSTRUCTIONS

The SOOMFON SP600-BN1 features intuitive touch controls on its top surface:



Figure 5.1: Device Overview with Controls

- **Volume Control:** Use the '+' and '-' buttons to adjust the speaker volume.

- **Mute/Unmute:** Press the microphone icon to mute or unmute the microphone. The LED indicator will change color to show mute status.
- **Answer/Hang Up Call:** Use the phone icon button to answer incoming calls or end ongoing calls.
- **Bluetooth Button:** Press and hold the Bluetooth icon to enter pairing mode.
- **Power Button:** The device powers on automatically when connected to power and a host device. There is no dedicated power button.

Call control buttons are compatible with most Unified Communications (UC) platform software.

6. CONNECTIVITY OPTIONS

The SOOMFON SP600-BN1 offers a variety of ports to expand your workstation:

- **HDMI 2.0 Port:** Supports 4K@60Hz video output for connecting an external monitor or display.

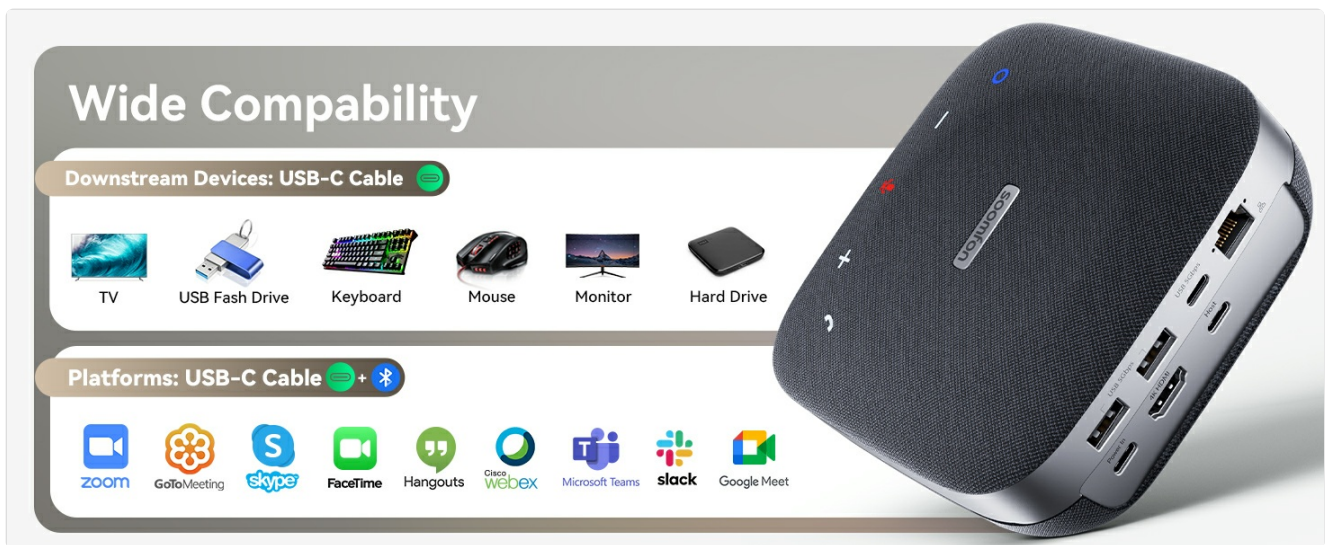


Figure 6.1: HDMI Connectivity

- **USB 3.0 Ports (2x USB-A, 1x USB-C):** Connect peripherals such as keyboards, mice, USB flash drives, or external hard drives for high-speed data transfer.
- **Gigabit Ethernet (RJ45) Port:** Provides a stable and fast wired network connection.

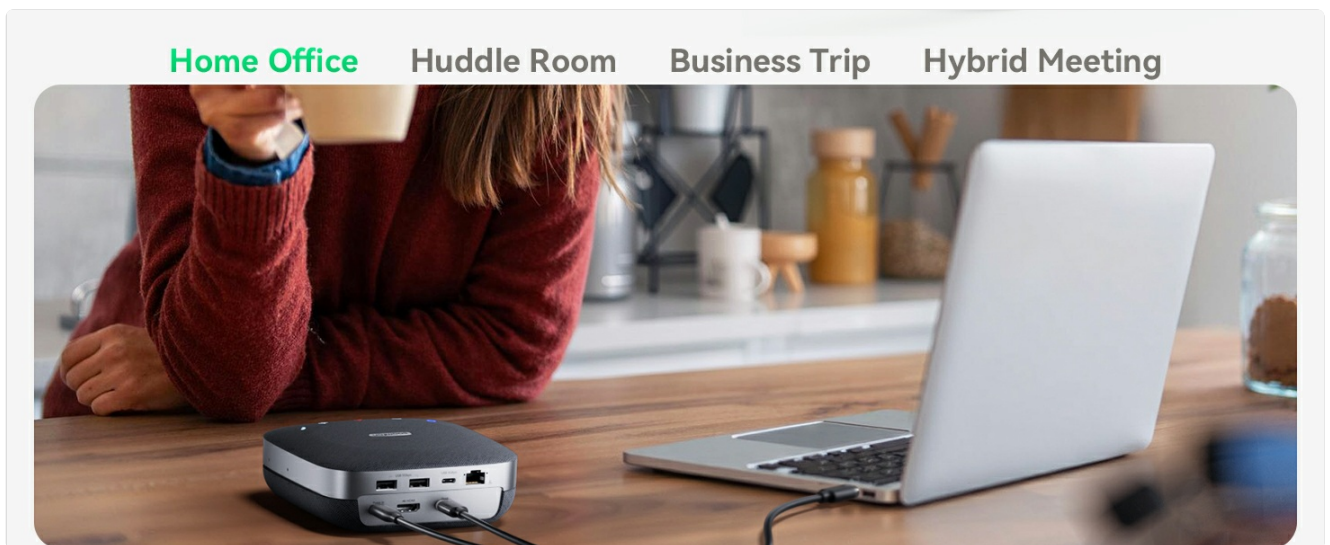


Figure 6.2: Gigabit Ethernet Connection

- **PD 3.0 (Power Delivery) Port:** Supports up to 100W power delivery to charge your connected laptop or host device.



Figure 6.3: Power Delivery (PD) Functionality

7. MAINTENANCE

To ensure the longevity and optimal performance of your SOOMFON SP600-BN1, follow these maintenance guidelines:

- **Cleaning:** Use a soft, dry cloth to clean the exterior of the device. Avoid using abrasive cleaners, solvents, or strong chemicals.
- **Storage:** When not in use, store the device in a cool, dry place away from direct sunlight and extreme temperatures. The included carrying bag can be used for protection during transport.
- **Handling:** Handle the device with care to prevent physical damage. Avoid dropping or subjecting it to strong impacts.

8. TROUBLESHOOTING

If you encounter issues with your SOOMFON SP600-BN1, please refer to the following common solutions:

Problem	Possible Cause	Solution
No audio output/input	Incorrect audio settings on host device; Device not properly connected or paired (Bluetooth); Muted microphone/speaker.	• Check your computer's sound settings and ensure the SOOMFON SP600 is selected as the default playback and recording device. • Verify all cables are securely connected. • For Bluetooth, ensure the device is paired and Bluetooth is enabled. • Check the mute status on the device and your conferencing software.
Docking station features (HDMI, USB, Ethernet) not working	Incorrect USB-C cable; Insufficient power delivery; Driver issues.	• Ensure you are using a USB-C cable that supports both data transfer and power delivery (PD). • Verify your power adapter provides sufficient wattage (100W PD recommended). • Try restarting your host device. • Ensure your host device's USB-C port supports video output (DisplayPort Alternate Mode) for HDMI functionality.

Problem	Possible Cause	Solution
Poor audio quality (echo, distortion)	Environmental interference; Device placement; Software settings.	• Ensure the device is placed centrally in the meeting space, away from obstructions. • Reduce background noise in the environment. • Check for updated audio drivers on your host device.

If you continue to experience issues, please contact SOOMFON customer support.

9. SPECIFICATIONS

Feature	Detail
Brand	SOOMFON
Model Number	SP600-BN1
Product Dimensions	5.2 x 5.31 x 1.97 inches
Item Weight	13.4 ounces (378.8 Grams)
Control Method	Touch
Microphones	4 AI Omnidirectional Mics
Voice Pickup Range	Up to 16ft
Noise Cancellation	Smart Noise Cancellation
HDMI Output	4K@60Hz (HDMI 2.0)
USB Ports	2x USB-A 5Gbps, 1x USB-C 5Gbps
Power Delivery (PD)	Up to 100W (PD 3.0)
Ethernet Port	Gigabit RJ45
Compatible Devices	MacBook Pro, PCs, various conferencing platforms
Color	Grey

10. WARRANTY AND SUPPORT

SOOMFON offers a generous **24-month product warranty** along with **lifetime technical support** for your SP600-BN1 Conference Speaker and Microphone.

Our dedicated support team is available around-the-clock (7*24 hours) to assist you with any questions or issues. Please do not hesitate to reach out if you need assistance.

Contact Support:
Email: support@soomfon.com

Ask about setup, troubleshooting, compatibility, parts, safety, or missing instructions. Manuals+ will review the question and use this page's manual context to help answer it.

Name

Anonymous

Email

you@example.com

After a successful submission, we securely hash the supplied account or form email before sending it to Microsoft Advertising for conversion attribution. [Privacy details](#).

Question

Example: How do I reset this device or fix this error?

Details

Model number, symptoms, what you tried, or the section of the manual you are using.

Submit question