Introduction

The Atlona Captivate™ AT-CAP-SP100 is a USB / Bluetooth® speakerphone for use with popular video conferencing and unified communications platforms including Zoom™ and Microsoft® Teams. The CAP-SP100 provides microphone and speaker audio in a single elegant enclosure suitable for meeting rooms as well as executive and home office environments. USB, Bluetooth, and analog audio connectivity ensures compatibility with a wide array of computers, laptops, and mobile devices. The CAP-SP100 features a 6-element microphone array for 360-degree voice capture as well as the ability to concentrate audio pickup on individual talkers while suppressing background noises. Sophisticated audio processing optimized for voice intelligibility allows meeting participants to be heard loud and clear. The included battery allows the speakerphone to operate for up to 8 hours without a power connection. The CAP-SP100 speakerphone is an ideal addition to video conferencing system designs that utilize our USB cameras as well as Omega™ Series switching, extension, and video processing solutions.

Applications

- **Executive or Home Office**
  The CAP-SP100 speakerphone provides superior audio conferencing performance over the native capabilities of laptops.

- **Huddle Room**
  A CAP-SP100 speakerphone, Atlona USB camera, and Omega extender are an ideal AV solution for BYOD video conferencing in smaller spaces.

- **Conference Room**
  Use a CAP-SP100 speakerphone, or two connected with the optional cascade cable, as well as an Atlona USB camera and Omega switcher for larger meeting spaces.

Key Features

- USB, Bluetooth, and analog audio connectivity for compatibility with a wide array of computers, laptops, and mobile devices.

- 360-degree coverage captures voices in up to a 16 foot (5 meter) radius.

- 6-element microphone array focuses audio pickup and suppresses background noises allowing individual talkers to be heard clearly.

- Sophisticated acoustic echo cancellation and noise reduction enhance voice intelligibility by eliminating unwanted sounds.

- Bezel buttons provide access to volume, microphone mute, answer / hang up, and Bluetooth directly from the device.

- Bezel LEDs display status of audio and battery levels.

- Battery supports 8-hours of operation on a single charge.

- Supports both USB and Qi wireless charging.

- Using Bluetooth and Qi together allows for a fully wireless user experience.

- Elegant design that looks good in conference rooms, executive offices, and home offices.

- Durable metal enclosure.

- Cascade Cable (AT-CAP-SP100-CBL - sold separately) allows two CAP-SP100 speakerphones to be connected and work together to cover larger meeting spaces.

- Secure Mount (AT-CAP-SP100-MNT - sold separately) allows the speakerphone to be securely mounted to a flat surface to prevent tampering and theft.

Specifications

System Requirements	
Operating System w/USB	Windows 10+, macOS 11+, chromeOS
Operating System w/Bluetooth	Windows 10+, macOS 11+, iOS 14+, Android 11+

Conferencing	
Compatibility	All platforms (e.g. Microsoft Teams, Zoom, Skype, FaceTime, etc)
Control Synchronization	Microsoft Teams via USB only

Audio	
Microphone	
Type	6-element microphone array
Pickup	5m radius
Frequency Response	150Hz – 8kHz
Speaker	
Max SPL	80 dB SPL @ 1m
Frequency Response	150Hz – 16kHz
Processing	Acoustic Echo Cancellation, Noise Reduction

USB	
Port	1 x Type C USB
Signal	1 x 2.0
Maximum Data Rate	2.5 Mbps

Bluetooth	
Interface	Wireless
Signal	Bluetooth 4.2

Buttons and Indicators	
Control Buttons: Power Bluetooth, Volume +/-, Answer/Hang up, Mute	 1 - momentary, tact-type 5 - momentary, touch
Function Indicators: Power Button LED Battery/Volume LEDs Mute LED Bluetooth LED	 1 - LED, white/green 5 - LED, white/green 1 - LED, red/white 1 - LED, blue/white

Connectors		
5V 2A USB-C	1 - USB Type-C v2.0, 24-pin female	
Audio In/Out	1 - 3.5 mm, unbalanced 2-channel	

Temperature	Fahrenheit	Celsius
Operating	23 to 104	-5 to 40
Storage	-4 to 140	-20 to 60
Humidity (RH)	10% to 90%, non-condensing	

Power	
USB	USB-C, 5V 2A
Wireless	Qi (7.5W)
Battery	Lithium Ion, 8 hour use - single charge

Dimensions	Inches	Millimeters
H x D (diameter)	1.39 x 4.73	35.2 x 120

Weight	Pounds	Kilograms
Device	0.87	0.40

Certification	Description
Device	CE, FCC, UKCA, RCM, China RoHS

Compliance	
NDAA-899	Yes

Warranty	
Device	2-year limited

Accessories

SKU	Description
AT-CAP-SP100-CBL	Captivate Speakerphone Cascade Cable
AT-CAP-SP100-MNT	Captivate Speakerphone Secure Mount