Nearity

SP100 SPEAKERPHONE

Full-duplex

Noise Suppression

Bluetooth 5.0

Portable Design

The Nearity SP100 is a portable USB/Bluetooth speakerphone with crystal clear sound quality. Designed for flexible and huddle workspaces, everyone can hear and be heard without missing a word with multi-microphone array and full-duplex audio. Additionally, SP100 is battery-powered for hours, so teams can use it anywhere in the room.

Product features

Intelligent Noise Suppression
The focus stays on conference voices, not background noise with the multi-microphone array for echo and noise reduction

Full duplex communication
Conversations flow naturally, even with simultaneous talkers overlapping with full duplex audio

Rich Compatibility
Nearity speakerphones are compatible with the most popular VC platforms – Zoom, Microsoft Teams, Tecent Meeting, etc. Nearity solutions provide excellent audio quality for both you and remote participants – no matter your platform of choice.

Easy connection
Users enjoy easy connectivity however they want to work—connect wirelessly via Bluetooth or wired via combined USB-A/USB-C cable

• 4 MEMS Microphone Array

• Noise Suppression

• Echo cancellation

• Bluetooth and USB connectivity

• Long battery life

• Reverse charging for smart phone

• Plug and play

NEARITY SP100 Datasheet

Contents	Technical Specifications	
Microphone	Microphone type	4 MEMS microphone array
	Sensitivity	-42dBV/Pa 94dB SPL@1kHz
	S/N	59dBV/Pa 94dB SPL@1kHz,A-weighted
	Effective pickup distance	3m(10ft)
Speaker	Rated output	4Ω/3W
	Effective frequency range	180Hz~20kHz
	Speaker volume	80±3dB (800,1000,1200,1500Hz) @1W/1m
	THD（Total Harmonic Distortion）	≤ 5%
Audio Features	Beamforming	Supported
	Background noise suppression	Supported
	Full-duplex communication	Supported
	Echo cancellation	Supported
	AGC	Supported
	Reverbration suppression	Supported
Bluetooth	Bluetooth Spec	Bluetooth 5.0
	Bluetooth Protocol	HFP，A2DP，AVRCP
	Frequency	2.402-2.480GHz
	Operation Range	up to 20m
Battery	Battery Spec	3.7V 2600mAh
	Charging Time	2 hours
	Charging Spec	5V-1.5A
	Standby Time	180 days
	Working Time	8 hours
	Daisy-chain Mode	Supported
Physical	External power supply	USB
	Compatible operating systems	Windows/MacOS /Linux/Chrome OS
	USB Port	USB2.0 Type-C
	Smartphone charging	supported
	AUX(3.5mm)	Connect cellphone
	AUX OUT/Link(3.5mm)	External speakers/ 2xSP100 cascade extensions
	USB Dongle	Supported
	Color	White
	Size	Height: 166mm; Width: 105mm; Depth: 38mm
	Net weight	329g
	Packing list	SP100*1, User Manual*1, USB Cable(1.5m)*1

*All tech specs are subject to change without notice.