



Poly Voyager Legend 50 Headset (AV4P1AA)



Overview

Clear calls wherever work takes you

Silence the world around you. Setting the standard for legendary audio and design, the Poly Voyager Legend 50 Bluetooth® headset is now optimized with NoiseBlockAI for a consistent call experience anywhere, anytime.

World getting too loud? Let AI handle it

Whether at your desk, at a cafe, or on the street on a windy day, Poly NoiseBlockAI and WindSmart technologies ensure you enjoy uninterrupted, high-quality calls by blocking out unwanted background noise. Your voice? Always at the forefront.

Move effortlessly through the day

Enjoy hands-free mobility with a headset that transitions effortlessly: home, office and everywhere in between. Connect easily to your devices with Bluetooth® for a truly flexible work experience.

Years of innovation for the ideal fit

A legend revamped. Built over decades of innovation, lightweight and thoroughly tested for quality, the Poly Voyager Legend 50 Bluetooth® headset offers our most comfortable fit yet for all-day wear.

Features

Your voice takes center stage

Calling from a crowded cafe or a busy airport lounge? Background noise won't interrupt your flow — ensure your voice is always heard with an aerodynamic boom and 4 noise-canceling microphones.

Take the call anywhere

Six layers of our unique WindSmart technology detect wind direction and respond accordingly so your voice comes through clearly—especially outdoors.

Enhanced awareness everywhere you go

On a call and on the move? Stay in tune with your surroundings through a mono headset design that keeps one ear free. Get increased spatial awareness with a single-ear headset designed to fit a range of ear shapes.

Powerful, AI-enhanced noise cancelation

Background noises? Not on your calls. Poly NoiseBlockAI technology uses machine learning to identify and block out background noise so you can enjoy clear calls, where the focus is on your voice.

Comfort and style fine-tuned over decades

With a stylish new look, an ergonomic ear loop, and 3 earbud sizes for a better and more secure fit, this legendary mono headset is thoughtfully designed to stand the test of time and be ready for action when you need it most.

Smart controls for easy calls

Manage your calls effortlessly. Smart sensors on the headset answer calls when you put it on and turns on mute when you remove it. Enjoy the freedom to stay engaged in your tasks while staying connected to what matters most.

Specifications

Audio	WindSmart technology; Microphone NoiseBlockAI
Dimensions (W x D x H)	4.05 x 1.15 x 2.52 in (headset); 4.51 x 2.5 x 0.95 in (charge case)
Weight	0.045 lb (headset); 0.22 lb (charge case)
Battery life	Up to 30 hours (10 hours plus extra 20 hours with charge case (talk time))
Special features	Smart sensor technology
UPC number	(ABL) 198701663201; (AC3) 198701663218
Manufacturer Warranty	Poly two-year limited warranty
What's in the box	USB Type-C® charging cable; Quick start guide; Headset; USB Type-C® to USB Type-A adapter

Additional specifications

Acoustic protection technology	SoundGuard ^[1]
Battery type	Rechargeable Li-ion
Bluetooth version	Bluetooth® Core 5.4
Boom mic length (ft)	0.25 ft
Boom mic length (mm)	74.8 mm
Button user controls	Power on/off; Mute; Volume +/-; Pairing; Call answer/ignore/end; Voice Assistant
Cartons per layer	15 (ocean); 12 (air)
Cartons per pallet	120 (ocean); 60 (air)
Charge time	<1.5 hours
Color	Black
Compatible Operating Systems	Windows 11; macOS; Android™; iOS
Connection type	Wireless: Bluetooth®
Country of origin	Made in Vietnam
Datasheet photo 1	AHID/da45794139d4b8cd48e06bebc35866e2d4bf9bc7
Datasheet photo 2	AHID/b48554ade853a910387974c4ad70f9db039033f9
Datasheet photo 3	AHID/2f9189a8806c8aca9c5ebd12fd733b255b2c3bc1
Datasheet photo 4	AHID/86d24856dbd6a1abd8fc25d775dcd01b804953de
Ear cushions	Silicone (surface material)
Ecolabels	TCO Certified
Headphone type	In-ear (monoaural)
Impedance	16 ohms
Management Software	Poly Lens
Microphone bandwidth	100 Hz to 8 kHz
Microphone type	Noise cancelling
Multipoint technology	Yes, connects to two devices at the same time
Package dimensions (W x D x H)	3.9 x 1.7 x 6.3 in
Package weight	0.45 lb
Paired devices	Up to 8
Pallet (layers)	8 (ocean); 5 (air)
Pallet dimensions	39.4 x 70.9 x 47.2 in (ocean); 39.4 x 52 x 47.2 in (air)
Pallet weight	979.6 lb (ocean); 727.5 lb (air)
Products per pallet	1440 (ocean); 1200 (air)

Products per pallet layer	180 (ocean); 240 (air)
Sensitivity (microphone)	-37 dB FS/Pa
Sensitivity (speaker)	95.5 dB SPL at 1 kHz with 200 mV input
Signal-to-noise ratio	>68 dB
Speaker bandwidth	100 Hz to 20 kHz
Speaker size	13.6 mm
Supported bluetooth profiles	A2DP 1.3; DID 1.3; HSP 1.2; BAS 0.0; AVRCP 1.5; HFP 1.6
UNSPSC code	43191638
Voice alerts	Muted; Incoming call; Battery status
Voice commands	Answer; Ignore
Wireless range	Up to 30 m
Wireless range (imperial)	Up to 98 ft

[1] Protects against Acoustic Shock by limiting sounds to below 118 dBA.

Audio

★ : Recommended

Audio Accessories

Poly Voyager Legend 50 Dock Accessory for Voyager Office Base	AW6U5AA
Poly Voyager Legend 50/30 Eartips S/M/L	AV4P4AA
Poly Voyager Legend 50/30 Eartips S/M/L	AW6U4AA
Poly Voyager Legend 50/30 Mobile Charge Case	AV4P3AA
Poly Voyager Legend 50/30 Mobile Charge Case	B0VR7AA
Poly Voyager Office Base for 4300/Legend 50/Focus 2	AW6U1AA

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