



Smart Audio for videoconferencing

HFONE1Q10

Speak One



Microphone
array



Built-in
speaker



Audio pickup
range: 6 m



Charging via
USB Type-C



Dual Bluetooth 5.3
connection



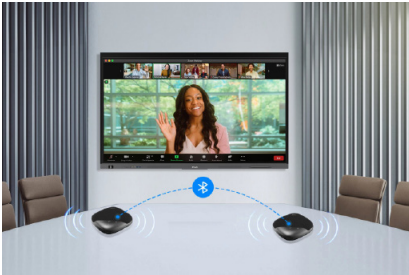
Battery life: 13 hours of
continuous use



HELGI Speak One is a tabletop speakerphone designed to make video-conferences feel more natural in huddle rooms and meeting spaces. It combines an integrated speaker with an 8-microphone array offering 360° coverage, capturing voices from up to 6 meters away. Audio processing works intelligently thanks to the DOA algorithm, which steers microphone pickup toward whoever is speaking, and AI-based noise reduction that helps reduce non-voice sounds such as keyboard typing

and ambient noise.

Speak One is built for quick, no-fuss setup: it supports wired USB-C and wireless Bluetooth 5.3 connections, with automatic reconnection after the first pairing. For larger rooms, two units can be used in cascade: they play audio simultaneously and dynamically alternate voice pickup to extend coverage; TWS also enables stereo playback. Battery life delivers up to 13 hours of talk time, with USB Type-C charging.



Wireless Cascade and True Wireless Stereo (TWS)

The HELGI Speak One supports TWS functionality, allowing two Speak One (one for the left and one for the right) to connect wirelessly and deliver an immersive stereo sound experience.



Cascading Call Mode

When used in conference calls, two HELGI Speak One can play sound simultaneously and dynamically adjust which device picks up audio, expanding coverage for larger meeting areas.



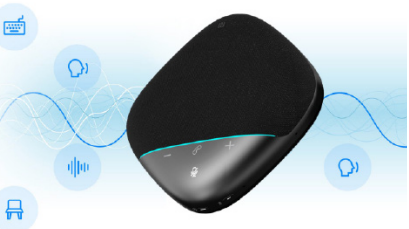
Convenience

Once the devices are paired, they automatically reconnect for future use without manual intervention, making setup hassle-free.



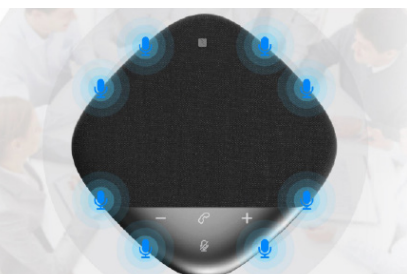
Speaker System

Omnidirectional speakerphone that provides rich, powerful sound suitable for both professional calls and casual music listening.



AI Noise Reduction

The built-in AI algorithm effectively filters out non-voice sounds like keyboard typing, chair movements, and ambient noises, providing clear, face-to-face-like audio during calls.



DOA (Direction of Arrival) Algorithm

The HELGI Speak One uses 8 high-quality microphones to detect sounds from all directions. The DOA algorithm dynamically adjusts the microphone pickup direction based on the speaker's location, ensuring optimal sound clarity.

	HFONE1Q10	
VOICE TECHNICAL PARAMETERS	Automatic Echo Cancellation (AEC)	Full-duplex echo cancellation depth up to 65dB
	Two-way Noise Compression (ANC)	18dB
	Direction of Arrival (DOA)	Supportato
	Voice Activity Detection (VAD)	Supportato
	Automatic Gain Control (AGC)	Supportato
	AI Noise Algorithm	Supportato
MICROPHONE	Frequency Response	90 Hz – 16 kHz
	Sensitivity	> -26 dBFS ± 1 dB @ 1 Pa
	Built-in Microphone Pickup Range	360° full-range coverage, up to 6 meters 8-microphone array
SPEAKER	Frequency response	Music Mode: 120Hz - 20kHz; Talk Mode: 200Hz - 20kHz
	Power	1 x 5W full-range speaker
SIGNAL-TO-NOISE RATIO	Sound Pickup	≥ 65 dB SPL
	Amplified Output	≥ 75 dB SPL
BATTERY	Type	Li-ion
	Capacity	3,7 V / 4400 mAh
	Usage time	Voice Calls: Up to 13 hours Music Playback: Up to 8 hours
	Standby	Up to 1 year
INTERFACE	Wired	1 x USB 2.0 Type-C (UAC1.0)
	Wireless	2 x Bluetooth V5.3; Dongle: 1 x USB 2.0
BLUETOOTH	Operating frequency	2,402 – 2,480 GHz
	Output power	0.25mW (-6dBm) ~ 2.5mW (4dBm)
		Typical: 1mW (0dBm)
REVERBERATION TIME	< 500 ms	
POWER SUPPLY	5V / 1A	
OPERATING TEMPERATURE	0° – 40°	
HUMIDITY RANGE	10% – 90%	
NET WEIGHT	385 g	
GROSS WEIGHT	605 g	
DIMENSIONS (L X W X H)	126 mm x 126 mm x 34 mm	
SUPPORTED SYSTEM	Bluetooth	Windows: Win 7 / 8.1 / 10 / 11; MacOS: 10.10 and above; Android: 7.11 and above; Chrome OS
	USB-C	Windows: Win 7 / 8.1 / 10 / 11; MacOS: 10.10 and above
	Dongle	Windows: Win 7 / 8.1 / 10 / 11; MacOS: 10.10 and above; Android: 7.11 and above





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