MC310-W

Speakerphone | USB Wireless Speakerphone

Compact wireless speakerphone with 8-mic MEMS array, AI audio processing, and 12H battery — perfect for small to medium conference rooms.

FOR TODAY & TOMORROW

8-Mic Array | AI Noise Reduction | 6m Pickup | 12H Battery | BT 5.3 + BLE | USB + 2.4G



The ATVI MC310-W is a portable USB wireless speakerphone with an 8-mic MEMS omnidirectional array, AI echo cancellation, noise reduction, and AGC. With 6m pickup radius and 12-hour battery, it delivers full-duplex conference audio for small to medium meeting rooms.

Pickup Range 6m radius (single unit)	**Microphones** 8-Mic MEMS	**Battery** 5500mAh / 12H
Bluetooth BT 5.3 + BLE	**Speaker Power** 5W Max	**Interface** USB 2.0 + 2.4G

IDEAL FOR

Small Meeting Rooms Clear audio for team calls in small rooms	**Remote Work** Home office and hybrid work conference calls	**Education** Online classes and distance learning sessions	**Huddle Spaces** Plug-and-play audio for ad-hoc huddle meetings

PRODUCT DESCRIPTION

The ATVI MC310-W is a portable USB wireless speakerphone designed for small to medium conference rooms. It features an 8-microphone MEMS omnidirectional array with 6m pickup radius, AI 3A audio processing, and a 1.75-inch high-loudness speaker — delivering full-duplex conference audio in a sleek, compact design.

The MC310-W connects via USB Type-C (USB 2.0) for wired use, or wirelessly through the included 2.4GHz USB dongle — supporting 24kHz bidirectional audio on Windows 8.1/10/11 and macOS 10.10+. Bluetooth 5.3 + BLE provides a third wireless connection mode with 12m range.

Powered by AI Noise Reduction, AI Echo Cancellation (AEC), and AI AGC, the MC310-W delivers consistently clear audio in any environment. The 5500mAh/3.7V lithium battery provides up to 12 hours of use, and the 24kHz AI sampling mode ensures HD voice quality for every call.

- **6m** Pickup Radius
- **8-Mic** MEMS Array
- **12H** Battery Life
- **5W** Speaker Power
- **BT 5.3** + BLE Wireless
- **AI 3A** AEC / ANC / AGC

PRODUCT KEY FEATURES

8-Mic MEMS Array
Eight high-sensitivity MEMS microphones provide 360° omnidirectional pickup with 6m radius for clear, consistent voice coverage from any seat.

AI Noise Reduction
Advanced AI algorithms suppress background noise in real time, keeping voices natural and intelligible throughout the call.

AI Echo Cancellation
AI AEC eliminates acoustic echo and double-talk artefacts for smooth, interruption-free full-duplex conversation.

AI AGC
Automatic gain control continuously balances microphone levels, ensuring consistent audio regardless of speaker distance.

12H Battery Life
Built-in 5500mAh/3.7V lithium battery delivers up to 12 hours of continuous operation; charges at 5V/1A via USB.

1.75-Inch Speaker
High-loudness 1.75-inch dynamic speaker delivers clear playback up to 5W with 92dBSPL@1m maximum sound pressure.

USB + 2.4G Dongle
Type-C USB 2.0 wired and 2.4GHz wireless dongle (included) provide plug-and-play connection with no driver needed.

BT 5.3 + BLE
Bluetooth 5.3 with BLE supports wireless pairing with smartphones and other BT devices within 12m.

One-Touch Controls
7 physical buttons — mic mute, volume +/−, answer/hang up, Bluetooth, power, and cascade — provide instant hands-on control.

TECHNICAL SPECIFICATIONS

MICROPHONE SPECIFICATIONS	
Pickup Distance	6m radius; 3m recommended
Microphone Type	8-array omnidirectional MEMS
Frequency Response	100Hz ~ 12kHz (24kHz high sampling mode)
SNR (MEMS Monomer)	65dBA
Sensitivity (MEMS)	-26dBFS
Sampling Rate (AI Mode)	24kHz
Speaker Power	1 × 5W Max
Impedance	4 Ohm
Max SPL	92dBSPL @ 1m (pink noise, max power)
SPEAKER SPECIFICATIONS	
Distortion	≤1% @ 1W, 1kHz
Speaker SNR	≥75dB
Freq. Response	120Hz ~ 18kHz
Speaker Unit	1.75 Inch, High-Loudness Dynamic
CONNECTIVITY & POWER	
Bluetooth	BT 5.3 + BLE, 2.4GHz, 10m range
Battery	5500mAh / 3.7V Lithium
Battery Life	Up to 12 Hours
Charge Input	5V / 1A
Keystrokes	7 buttons: Mic, Vol+, Vol-, Answer/Hang Up, BT, Power, Cascade
LED Indicator	Battery, Volume, Microphone, Incoming Call
GENERAL	
Dimensions	126 × 126 × 34mm (diameter × height)
Package Size	156 × 156 × 64mm (L × D × H)
Gross Weight	0.62 kg
Net Weight	0.40 kg
Operating Temp.	0°C ~ 40°C

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