ADM-1000

DECT Wireless Microphone

Clear, Stable, and Interference-Free Teaching Experience

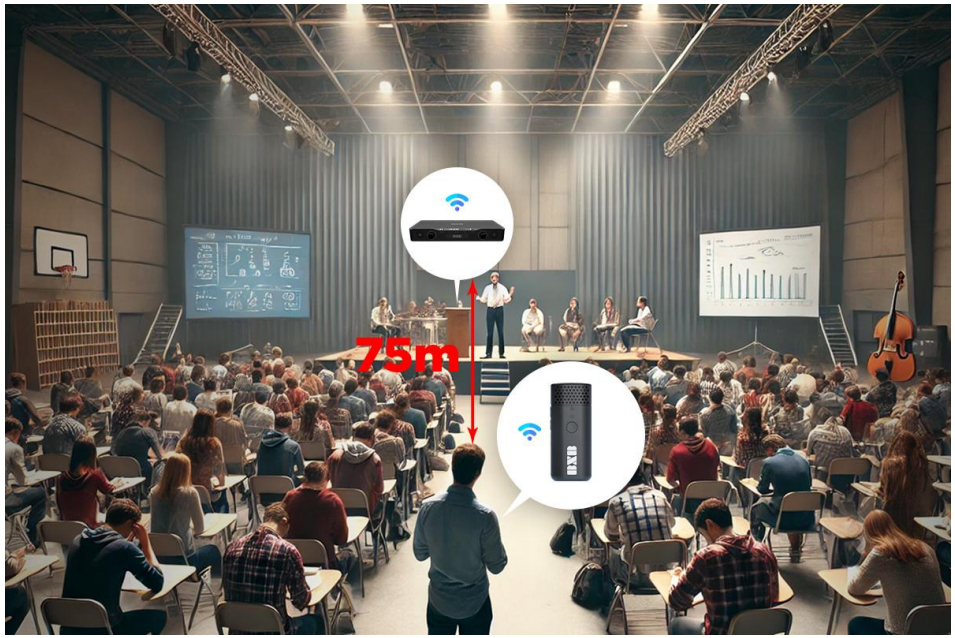




Product Features

- **Enhanced Teaching Quality**: Features high-performance speakers and a Class D amplifier (20W per channel, 40W total) for even sound coverage and clear audio, maximizing student engagement and teaching efficiency.
- **Dual-Mode Audio Transmission**: Offers interference-free DECT 1.9GHz wireless and wired modes, with up to 250 feet range, supporting multi-device integration and future-ready classroom solutions.
- **Versatile Usage Options**: Provides clip-on, lanyard, and handheld modes with volume adjustment and mute functions, enabling teachers to adapt effortlessly to different teaching scenarios.
- **Interactive Learning Boost**: Supports up to three simultaneous microphone connections for collaborative teaching and group discussions, enhancing classroom interaction and student engagement.
- **Wireless Multimedia Integration**: Equipped with Bluetooth 5.1 BR/EDR and A3DP for seamless connections to devices like laptops and smartphones, delivering immersive, high-quality audio to classroom speakers.
- **Wired Audio Support**: Includes a headphone jack for voice feedback and USB-C for multimedia playback via mobile or computer, ensuring adaptability for diverse teaching needs.
- **Infrared Quick Pairing**: Simplifies setup with infrared pairing for quick volume adjustment, mute switching, and device management, improving operational efficiency.
- **Campus Safety Features**: A dedicated MIC CALL button enables instant emergency alerts, enhancing campus safety and creating a secure learning environment.
- **Reliable Power and Resource Integration**: Features 8-hour battery life with USB-C and charging dock support. Integrates seamlessly with BXB broadcast systems, reducing costs and maximizing resource efficiency.
- **Volume Memory Function**: Automatically locks preset volume levels to prevent accidental adjustments and restores settings after powering off, streamlining classroom operations.
- **Emergency Broadcast Priority**: In emergencies like earthquakes or fires, automatically mutes microphones to prioritize broadcast alerts, ensuring student and teacher safety.

Features 1/3



Stability and Transmission Performance

The ADM-1000 DECT Wireless Microphone uses DECT / 1.9GHz globally compatible technology, requiring no licensing and offering interference-free, plug-and-play functionality. With a transmission range of up to 75 meters (250 feet), it supports simultaneous operation across multiple classrooms. Perfect for large teaching events or outdoor lessons, it ensures stable audio for clear interaction between teachers and students.



User-Friendly Design

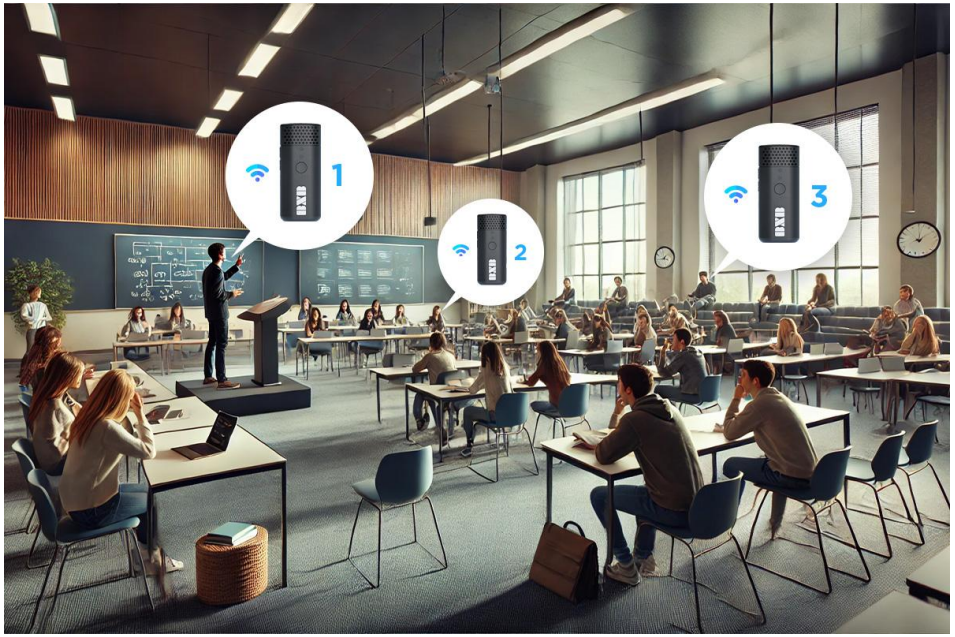
Designed for teaching, this versatile microphone offers three modes: neck-worn, handheld, and clip-on, catering to diverse classroom needs. Infrared controls enable quick volume adjustments, muting, or device switching, ensuring efficient operation and allowing teachers to focus on teaching with ease.

Features 2/3



Audio Quality and Multimedia Support

Equipped with Bluetooth 5.1 BR/EDR and A3DP streaming, it delivers stable connections and clear stereo sound. Seamlessly integrates with multimedia devices, providing high-quality audio for music playback or presentations. Simplified operation creates an immersive classroom experience.



Interaction and Collaboration

Supports connections with up to three microphones, enabling multi-teacher collaboration or group discussions. The headphone jack supports private feedback and remote teaching, enhancing classroom interaction and meeting diverse teaching needs..

Features 3/3



Campus Safety Applications

Features a dedicated MIC CALL emergency button for instant alerts during emergencies, notifying school staff or security personnel. Combined with stable audio performance, it strengthens campus safety and emergency response, providing peace of mind for teaching.

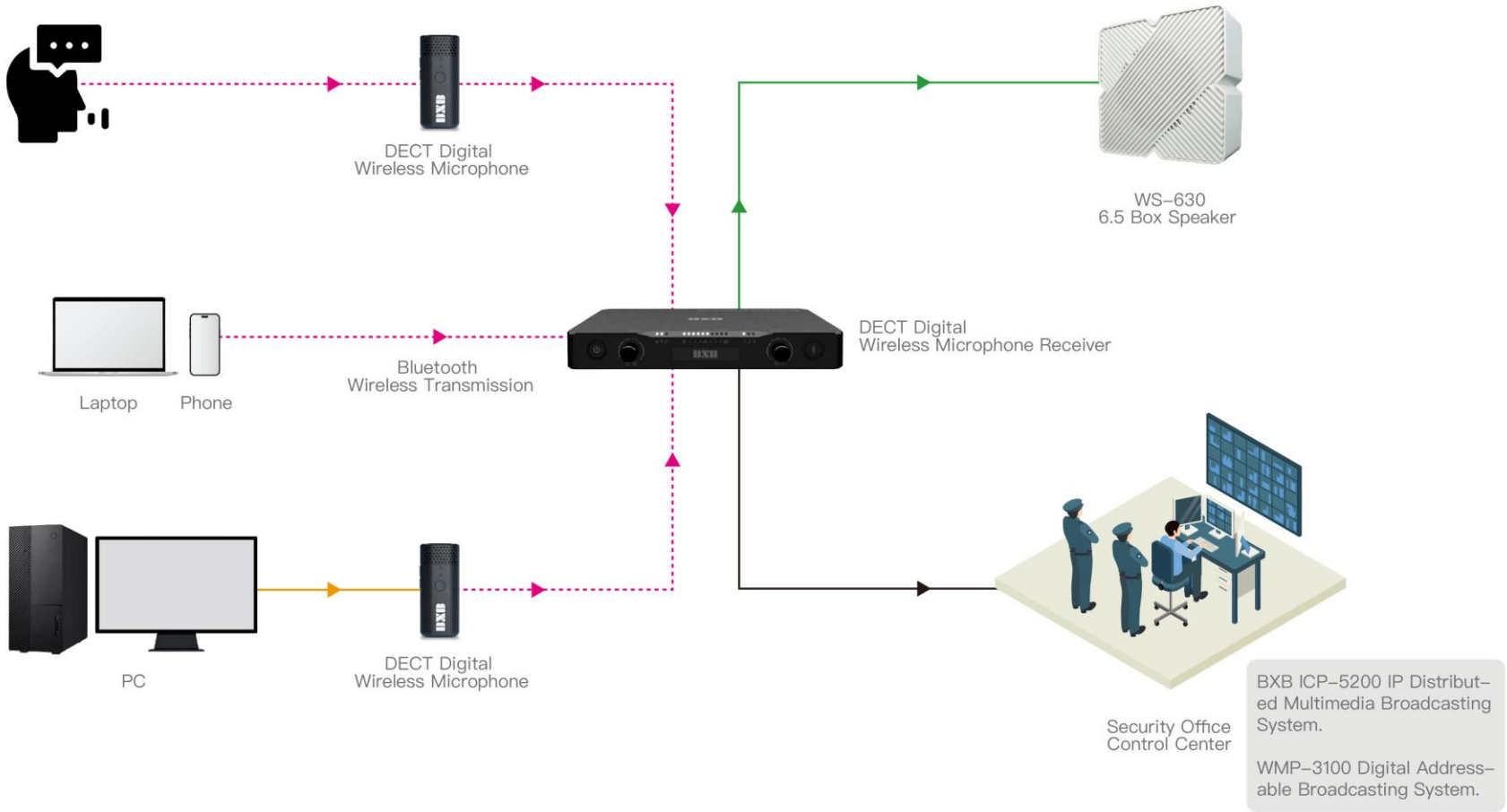


Long Battery Life and Reliability

With an 8-hour battery life, it ensures uninterrupted teaching without the need for mid-session charging. Whether for continuous lessons or full-day training, the ADM-1000 DECT Wireless Microphone offers reliable performance, making it a trusted partner for educators.

System Diagram

DECT Digital Wireless Microphone – System Architecture



ADM-1050 DECT Wireless Microphone Base Receiver

Wireless Microphone Base Receiver - Product Specifications	
Wireless Communication	Access DECT Technology 1.9GHz Band (US/CA : 1.92-1.93 GHz UK/EU/AUS : 1.88-1.90 GHz)
Operating Range	Up to 250 feet
Power Output	2 x 20 watts (4Ω)
Amplifier type	Class D
Audio Frequency Response	DECT Wireless : 60Hz - 7 KHz Speaker Output : 20Hz - 20KHz Audio Output : 20Hz - 20KHz
Total Harmonic Distortion (THD)	<1% @ 10W
Audio Input	3 (3.5mm stereo output port)
Audio Outputs	1 (3.5mm stereo output port) 1 (4-pin screw terminal) (2 Channels)

Wireless Microphone Base Receiver - Product Specifications	
Tone Control	Bass / treble adjustment
Bluetooth	Bluetooth 5.1 BR/EDR , A3DP sink Audio streaming
Safety Interface Connections	2-Pin Screw terminal connector X 3 Input: Page override detect Alarm detect input : Relay output mute Alarm output : Contact closure (triggered from MIC)
Power supply	DC 24V / 2.5A
Dimensions (HWD)	28 x 120.9 x 210 mm
Weight	350g

ADM-1010 DECT Wireless Microphone

DECT Wireless Microphone - Product Specifications	
Wireless Communication	Access DECT Technology 1.9GHz Band (US/CA : 1.92-1.93 GHz UK/EU/AUS : 1.88-1.90 GHz)
Audio Distortion	<1%
Audio Input / Output	USB-C Bidirectional Digital Audio Interface Built-in Microphone Two-Way Intercom via 3.5mm TRRS Jack (auto-detect and switch when connected)
Volume Control Range	+/- 6 dB

DECT Wireless Microphone - Product Specifications	
Battery Power	Up to 8 hours on a full charge
Battery Charging	Charging stand charging, Type-C charging
USB Connection	Type C for charging and audio
User Controls	1 Power SW Button 1 Audio Mute SW Button 1 Call Button (Alarm) 2 Volume Control Buttons : UP , DOWN
Dimensions (HWD)	73.87 * 31 * 26.03 mm
Weight	37g (Microphone) 6.5g (Lanyard)

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