



Feature:

1. Handheld wireless microphone with professional design, pure copper acoustic chamber, and durable metal housing.
2. All core components adopt domestic (China-made) chips.
3. True diversity design – antenna diversity + chip diversity reception, ensuring stable long-distance operation and eliminating signal dead zones.
4. Both microphone and receiver feature high-resolution full-color LCD displays showing frequency, battery level, transmission signal strength, mute status, etc.
5. Supports one-key switch between handheld mode and bodypack mode.
6. Channel color labeling function: microphone supports LED light strip + bottom indicator light with 8 selectable colors; supports digital nameplate ID display with color labels for improved recognition.
7. One-key mute function with hidden switch to prevent misoperation.
8. Adjustable transmission power, allowing users to flexibly adapt to different scenarios and distance requirements.
9. Real-time spectrum display system with graphical interface showing frequency signal strength for clear wireless environment monitoring.
10. Auto frequency scan function – one-key detection of clean, interference-free channels.
11. Antenna interface provides 9V power supply, directly powering active high-gain antennas without additional power supply.
12. Intelligent mute mode: optional mute after 0/5/10 seconds of inactivity, auto unmute when speaking.
13. Drop-mute function: microphone detects sudden drop and automatically mutes to avoid accidental noise (can be enabled/disabled).
14. Built-in 10-band EQ adjustment in receiver.
15. Feedback suppression function to prevent howling.
16. Receiver supports manual and automatic screen lock to prevent unintended operation.
17. Multiple output interfaces: 1 × 6.35mm output (dry signal), 1 × XLR balanced output (with EQ), 2 × XLR balanced mono outputs (dry signal).

True Diversity Wireless Handheld Microphone Set



BD5-E2A B2

► Specification:

Item	Specification
Modulation	Pi/4 DQPSK Digital Wireless
Diversity Principle	Channel + Antenna Dual Diversity Reception, Intelligent Switching
Frequency Range	640 – 690 MHz
Number of Channels	300
SNR	≥102 dBA
Frequency Response	20 Hz – 20 kHz
THD	≤0.5%
Audio Outputs	1 × 6.35mm TRS, 1 × XLR Balanced (EQ), 2 × XLR Balanced Mono
Antenna Interface Type	BNC with 9V Power Supply
Number of Antenna Ports	2
Channel Color Labels	8 (Green, Red, Blue, Orange, Cyan, Light Purple, Dark Purple, Off)
Intelligent Mute Time Options	5s / 6s / 7s / 8s / 9s / 10s
Operating Range	150m (open space, no interference)
Receiver Power Input	DC 24V 1A
Receiver Dimensions	1U, 482 × 150 × 44 mm (W × D × H)
Microphone Transducer Type	Dynamic
Microphone Power Supply	2 × 1.5V AA (optional rechargeable lithium battery)
Wireless Transmission Power	High / Medium / Low (3 levels adjustable)
Antenna Type	Integrated Helical
Handheld Microphone Color	Pearl White
Handheld Microphone Weight	430g (without batteries)
Microphone Housing Material	Aluminum Alloy
Microphone Dimensions	Ø53.5 × 218 mm
Battery Life	High Power: ~7h, Medium Power: ~8h, Low Power: ~10h