



FEATURES

- Built with a rugged metal chassis. The front panel features a color display with independent quad-channel readouts, a rotary control knob, and operation buttons for intuitive control.
- Rear panel includes analog and AES/EBU digital audio outputs, a REMOTE network interface, and a built-in Dante or AVB digital audio interface for seamless integration with various professional audio systems.
- Built-in digital diversity technology greatly extends reception range and maintains consistent audio quality regardless of distance or signal strength.
- Features 256-bit advanced encryption to ensure secure signal transmission and prevent eavesdropping.
- Incorporates high-fidelity DSP audio processing and high-quality D/A converters to deliver wireless audio performance comparable to wired microphones.
- Supports Auto Scan and synchronization technology for fast and accurate frequency setup.
- Preset with 6 frequency groups totaling 224 channels. A 7th user-defined group allows selection and storage of 16 channels from 2,881 available frequencies.
- Each channel supports independent audio output with three selectable gain levels, ensuring optimal transmitter sensitivity and dynamic range while avoiding signal distortion.
- Compatible with Wireless Antenna System enhancing operational efficiency.
- Antenna connectors provide bias for boosters and are compatible with antenna systems to improve signal range and stability.
- Operates with an external AC 100 – 240 V power supply, offering wide voltage tolerance for reliable system operation.
- Compatible with IT-WGM 4H handheld and IT-WGM 4L bodypack transmitters

RECEIVER SPECIFICATIONS

Channel	Quad/dual
Chassis	Full-rack (19") metal chassis
Frequency Range	UHF 480–934 MHz
Bandwidth	72 MHz
Receiving Mode	Digital diversity
Display	Color

Control Interface	Sync button, channel selection buttons and rotary knob
Sensitivity	18 dB μ V @ S/N > 100 dB
Frequency Response	20 Hz–20 kHz (< -2 dB)
Dynamic Range	> 118 dBA
Latency	2 ms
EQ	Presets 10 digital audio and anti-feedback EQs
Audio Processing	44.1 kHz / 24-bit digital sampling
Audio Outputs	Analog balanced XLR output with 3 switchable levels: +16 dB / 0 dB / -6 dB. AES/EBU digital interface.
Monitor Output	Monitor headphone jack with volume control
Network Interface	Dante or AVB (optional)
Encryption	AES 256-bit
Management Interface	RJ-11 $\times$ 2 for PC software control
Antenna	Detachable. 50 Ω TNC female connector BNC (Optional)
Power Supply	DC 12–15 V. External AC 100–240 V switching power supply

TRANSMITTER SPECIFICATIONS

Frequency Range	UHF 480–934 MHz
Bandwidth	72 MHz
Display	Backlit LCD displays channel, battery status, AF signal levels and setting menu
Control Interface	Sync sensor, setting buttons and mute button
Encryption	AES 256-bit
Mic. Capsule Modules	Condenser
Polar Pattern	Cardioid/Super cardioid(Handheld), Omnidirectional (Bodypack)
Frequency Response	20 Hz–20 kHz
Audio Control	AF Gain, Low Cut, and AF Limiter
Gain Setting	0 dB to +6 dB / 3 dB per segment for Handheld -12 dB to +18 dB / 3 dB per segment for Bodypack
RF Power Output	10 mW / 50 mW switchable (country dependent)
Power Supply	Two AA alkaline

Model Number

Receiver	Quad IT-WGM 404/dual IT-WGM 402
Handheld Mic	IT-WGM 4H
LAPEL MIC	IT-WGM 4L
GOOSENECK MIC	IT-WGM 4G