

BG-24R | WIRELESS MICROPHONE RECEIVER



Description

BG-24 is an industry-first wireless microphone system that integrates three diversity techniques: frequency diversity, time diversity, and antenna diversity. It features a sleek and durable design crafted from a strong aluminum alloy. Its bright OLED display provides clear visibility of the device's status. Optional dual-bay chargers for handheld microphones enhance charging management convenience. Operating on the 2.4 GHz frequency band, this ensures unrestricted use in any country. With Relacart's proprietary digital audio algorithms, BG-24 offers ultra-low latency transmission, making it ideal for small to medium-sized performances, business meetings, conference rooms, schools, home entertainment, and more.

Product Specification

Main Frame Size:	1U Half-Rack
Receiving Channel:	Single Channel
Reception Method:	Antenna diversity/frequency diversity/Time Diversity
Audio Format:	Relacart proprietary digital audio format
Wireless Carrier Frequency:	2.4-2.48GHz
Compatible Channels:	≥ 14
Display Channel:	LCD
Effective Distance:	50 meters (open space)
Sampling:	24bit/48kHz
Encryption:	AES-256
Delay:	≤2.9ms, ≤ 3.8ms (encryption enabled)
Dynamic Range:	≥ 110dB (A-weighted)
Frequency Response:	20Hz-20kHz(± 1dB)
Comprehensive T.H.D:	<0.1% @ 1KHz
System Gain Adjustment:	(-18~18 dB)
Audio Output Interface:	XLR balanced output, 1/4 "unbalanced output
Power Supply:	DC/12V
Current Load:	≤150mA
Dimensions(mm):	200 (L) × 200 (D) × 44 (H)