WEP9050T WEP9100T WEP9150T WEP9200T WEP9300T

Wireless FM Transmitter

Description

The WEP9050T/WEP9100T/WEP9150T/WEP9200T/WEP9300T series FM transmitters are designed for high-performance wireless broadcasting applications. These transmitters provide precise frequency control, adjustable output power, and stable signal transmission. They support both standalone and linked operation, making them suitable for schools, commercial buildings, and large-scale public address systems. With robust construction and user-friendly controls, these transmitters ensure reliable and high-quality audio delivery across multiple zones.

Features

- Supports adjustable frequency within 76–108MHz in 0.1MHz steps, ensuring stable signal transmission.
- Supports adjustable RF output via RF+/RF- buttons to suit various coverage requirements.
- Supports standalone operation or host-controlled operation, allowing multi-zone control or simultaneous broadcasting.
- Adjusts audio input level via the VOL control, with LED indicators to monitor signal strength and ensure proper reception at terminals.
- Displays frequency, RF output, transmission mode, and system status for intuitive operation.

Specifications

Model	WEP9050T	WEP9100T	WEP9150T	WEP9200T	WEP9300T
Operating Temperature Range	-10℃—+50℃				
Transmission Frequency Range	76~108MHz				
Frequency Step	0.1MHz				
Maximum Transmission Power	50W	100W	150W	200W	300W
RF Output Impedance	50Ω				
Modulation Mode	FM				
Maximum Frequency Deviation	75KHz (Stereo mode)				
Pre-emphasis Time	50μS				

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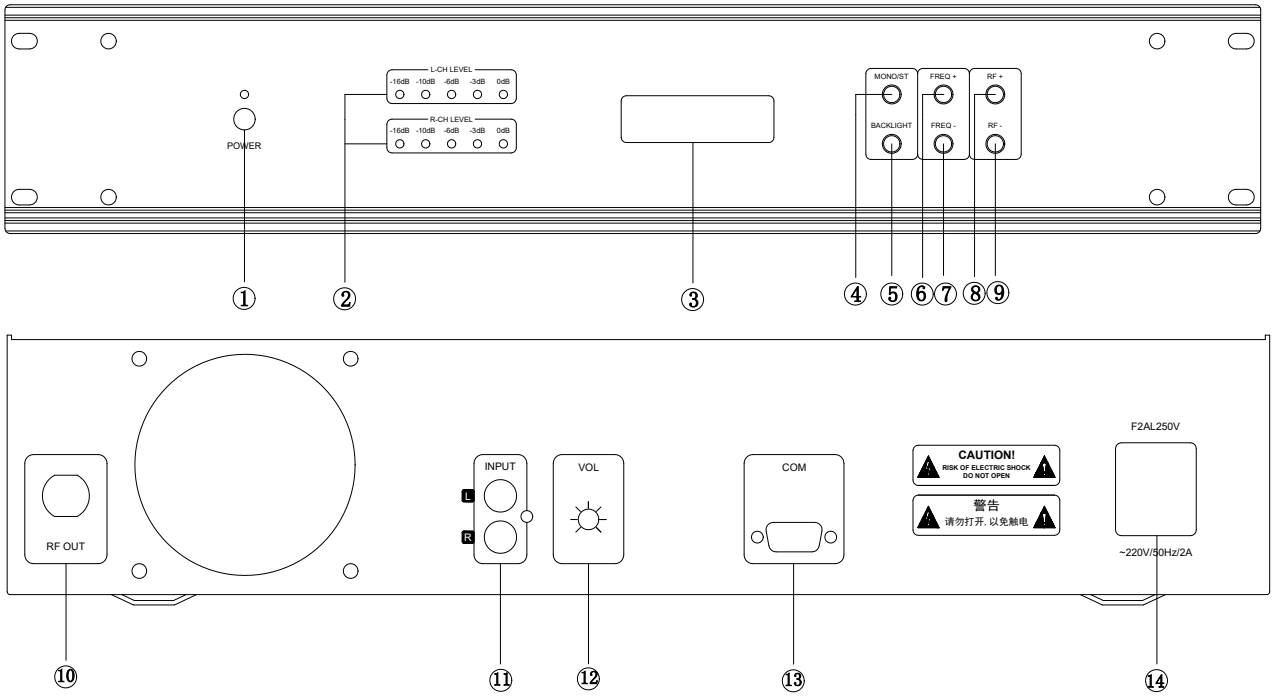
Control Interface	RS232 serial communication, 9600bps
Addressing Capacity	1000 zones
Channel Separation	≥42dB
S/N Ratio	63dB (Stereo mode)
Frequency Response	20Hz~15KHz
Audio Input Impedance	10KΩ
Audio Distortion	≤0.1%
Control Host	Cloud Broadcasting Host (1000 Zones) PC Cloud Broadcasting Platform Software (1000 Zones) Cloud Broadcasting Adapter (240 Zones)
Power Supply	AC220V/50Hz
Compatible Receiving Terminal	Wireless Addressable Receiving Terminal

Front / Rear Panel



1. Power Switch and Indicator
2. Input Signal Level Indicator
3. LCD Display
4. Mono/Stereo Transmission Mode Switch
5. LCD Backlight Switch (Key Lock)
6. Frequency Up Button
7. Frequency Down Button
8. RF Power Increase Button
9. RF Power Decrease Button
10. RF Output Interface, for connection to the transmitting antenna.
11. Audio Signal Input Port
12. Input Signal Level Adjustment
13. Serial Communication Interface, for connection to the control host.
14. Power Input Socket. Connect the power supply according to the specifications indicated below.