



TD-220

2 Channel True Diversity
Wireless Microphone
System



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Overview

TD-220, is a 2 channel wireless microphone tailored to deliver smooth and clear sound reproduction. Using true diversity technology and antenna switching diversity to provide high performance, wide supporting up to 200m.

Features

- Antenna switching diversity, automatic receive a better signal.
- The system adopts digital volume control to perform higher precision and reduce the noise in potentiometer.
- Transmitter and receiver synchronized via Infrared(IR) communication. Using the Phase-locked loop (PLL) technique synchronizes the output signal with the input signal, stabilizes and modulates a signal where data has been interrupted.
- Wide support range, up to 200m
- Red voltage alarm when microphone battery is low.

Accessories

- 2 channels of distributors
- 4 antenna
- 1 external 1.5A power supply
- 1 1.5m power cables
- 1 manual
- 4*AA Battery
- 1 aluminum box

Size & Weight

Length	483mm
Width	182mm
Height	46mm
Net Weight	2kg



Specifications

Oscillation Mode	PLL (Phase Locking Loop)
Frequency Response	UHF640MHz~690MHz
Frequency Width	50MHz
RF Stability	$\pm 0.005\%$
Channels Quantity	200CH
Operating Mode	Manual Operation
Frequency Adjusted	Manipulate the menu to search frequency automatically, can scan and lock the frequency that are not affected immediately
Sensitivity	If deviation = 25KHz , input -95dBm , S/N >80dB
MAX deviation	$\pm 48\text{Hz}$
Signal To Noise Ratio	>102dB
Total Harmonic Distortion	<0.5%@1KHz
Frequency Response	60Hz~15KHz
Max Output Voltage	0dbV@45KHz
Output Outlet	XLR balanced and 6.3 unbalanced
Volume Output Adjusted	By Potentiometer
Mute Control Mode	Sound code and noise double mute control
Mute Adjusted	-65dB~-100dB
Electric Square Adjustable	8 step electric SQ adjusted (about 30 meter to 200 meter distance adjustable)
Power Source	DC12~15V/450~1000mA

