

SDR-8200

UHF PLL Dual Channel True Diversity Wireless Microphone System

General Features

- 100 factory preset user-selectable UHF frequencies.
- Advanced microprocessor control, excellent RF design with improved signal performance for interference free multi-channel operation.
- AUTO SCAN function searches for the clearest frequency.
- True Diversity design for highest quality reception with no dropouts.
- Anti-interference Pilotone control and RF Noise Squelch circuitries.
- RF/AF signal strength, Diversity A/B indicators.
- Battery signal indicator on receiver panel monitors transmitter battery status.
- Easy to read, programmable, multi-function LCD on both receivers & transmitters.
- UP, DOWN, MENU, SET function buttons.
- High sensitivity, high selectivity and high image/spurious rejections.
- Balanced (XLR) / unbalanced (Φ 6.3mm) audio outputs.
- Standard 1RU plastic chassis.
- Matching transmitters: SQ-7100/SQ-6100/SM-7100.

Specifications

Model	SDR-8200
Frequency Range	UHF 600 - 900MHz
Switching Bandwidth	25 MHz
Switchable Frequencies	100
Channels	2
Display Screen	LCD(BLUE)
Oscillation Type	PLL Synthesized
Frequency Stability	$\pm 0.005\%$
Receiving Method	True Diversity
Sensitivity	-100 dBm at S/N ratio >80 dB
Image Rejection	> 85dB
S/N Ratio	> 110 dB
Peak Deviation	± 40 KHz
T.H.D.	< 0.5%
Antenna Socket	TNC type
Audio Outputs	Unbalanced: +4 dBm(1.25V) / 5K Ω Balanced:-18 dBm(50mV) / 600 Ω
Squelch	Noise squelch & Pilotone squelch
Power Supply	100-240V AC, 12V DC/2.0A
Rack Size	standard 1-rack (Plastic)

