

# SDR-5116

## UHF PLL Diversity Wireless Microphone System

### General Features

- 16 factory preset user-selectable UHF frequencies.
- Advanced microprocessor control, excellent RF design with improved signal performance for interference free multi-channel operation.
- More than 8 channels can be operated simultaneously within a selected 20MHz bandwidth.
- Diversity design for high sensitivity, high selectivity, and high image/spurious rejections.
- 7-segment LED display on the receiver shows selected frequency.
- Antennas can be either rear or front mounted.
- Anti-interference Pilotone control and RF noise squelch circuits.
- RF & AF LED indicators.
- Balanced (XLR)\*1 / unbalanced ( $\Phi$ 6.3mm)\*1 audio outputs.
- Half-rack metal chassis, mountable with optional mount kit. (MP-90 for 1 unit, MP-92 for 2 units)
- Matching transmitters: SQ-5016/SQ-1016V/SQ-1016, SM-5016/SM-1016.

### Specifications

Model	SDR-5116
Frequency Range	UHF
Switching Bandwidth	20MHz
Switchable Frequencies	16
Channels	1
Display Screen	7-seg LED display
Oscillation Type	PLL Synthesized
Frequency Stability	$\pm 0.005\%$
Receiving Method	Diversity
Sensitivity	-95dBm
Image Rejection	> 85dB
S/N Ratio	> 110dB
Peak Deviation	$\pm 40\text{KHz}$
T.H.D.	< 0.5%
Antenna Socket	TNC type
Audio Outputs	XLR *1, 6.3mm *1
Squelch	RF/Noise/Pilotone squelch
Power Supply	100-240V AC, 12V DC/2.0A
Chassis	half-rack (metal)
Dimensions (W*D*H, mm)	200*150*44

