

SDR-8100M IrDA

UHF 2-Way Sync. Diversity Wireless Receiver Module

LCD for easy adjustment. Displays channel, frequency, RF level, AF level, antenna selection and transmitter battery level.



General Features

- Patented IrDA technology for 2-way sync between transmitter and receiver.
- UHF synthesized diversity for highest quality and dropout-free reception.
- Helical Filter RF front end ensures high selectivity.
- Excellent IF design delivers high image and spurious rejection.
- Anti-interference Pilotone circuit.
- RF noise squelch circuit.
- **LCD for easy adjustment. Displays channel, frequency, RF level, AF level, antenna selection and transmitter battery level.**
- Balanced and unbalanced audio output.
- 20-pin connection for easy installation.

Specifications

Model	SDR-8100M IrDA
Frequency Range	UHF 500-900MHz
Switching Bandwidth	25MHz
Switchable Frequencies	100
Display Screen	LCD
Oscillation	PLL Synthesized
Frequency Stability	±0.005%
Frequency Scan	Yes
Receiving Method	Diversity
2-Way synchronization	Yes
Sensitivity	-100dBm at S/N ratio > 80dB
Image Rejection	> 85dB
Spurious Rejection	> 85dB
S/N Ratio	> 110dB
Peak Deviation	±40KHz
T.H.D.	< 0.5%
Audio Outputs	Unbalanced: +4dBm (1.25V) Balanced: +10dBm (2.5V)
Squelch	RF noise squelch & Pilotone squelch
Power Supply	DC 12V
Weight (g)	102
Dimensions (mm)	73*138*36

** Specifications and design are subject to change without prior notice.