

# SDR-6216m

## UHF 16-FREQ. TRUE DIVERSITY RECEIVER MODULE



Example of use



### Features

- ✓ UHF synthesized true 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.
- ✓ Auto-scan function searches for the cleanest frequency and simplifies multi-channel setup.
- ✓ Squelch control accessible via front panel.
- ✓ Power and volume control switch.
- ✓ UP / DOWN channel selection key.
- ✓ 7-segment LED display channel indicator.
- ✓ Battery low indicator LED
- ✓ Balanced and unbalanced audio output.
- ✓ 20-pin connection for easy installation.

### Specifications

Model	SDR-6216m
Frequency Range	UHF High Band 600 - 900 MHz
Switching Bandwidth	20 MHz
Switchable Frequencies	16
Display Screen	7-segment LED
Oscillation Type	PLL Synthesized
Frequency Stability	±0.005%
Frequency Scan	YES
Receiving Method	True Diversity
Sensitivity	-100 dBm at S/N ratio > 80 dB
Image Rejection	> 85 dB
Spurious Rejection	> 85 dB
S/N Ratio	> 110 dB
Peak Deviation	±40 KHz
T.H.D.	< 0.5%
Audio Outputs	Unbalanced: +4 dBm (1.25 V) / 5 KΩ Balanced: +10 dBm (2.5 V) / 600Ω
Squelch	RF noise squelch & Pilotone squelch
Power Supply	DC 12V 500mA
Matched Transmitter	SQ-5016, SM-5016