



(952) 469-5400 / (800) 475-5852  
20809 Kensington Blvd, Lakeville, MN 55044  
www.advancedwireless.com  
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# AWR RP9000™



922963  
AWC Repeater

The AWR-RP9000 Repeater extends radio coverage for greater range of portable two-way radios and other devices using radio frequencies.

Perfect to use in senior living communities, retail stores, distribution centers, schools and other “hard to cover” areas.

The compact design and metal housing makes this repeater easy to install and to maintain.

## Key Features:

- 450 to 470 MHz Frequency Range
- Built-in Six Cavity Band Reject Duplexer
- Single tone/code operation
- 39 CTSS Tones Available
- 83 DCSS Codes Available
- 83 IDCS Codes Available
- Companding On/Off
- Hang Time - 0 to 5 seconds
- Hand Time w or w/o tone/code checkbox.

**Extend the Range of Communications  
for Two-Way Radios**

## Accessories / Add-Ons:

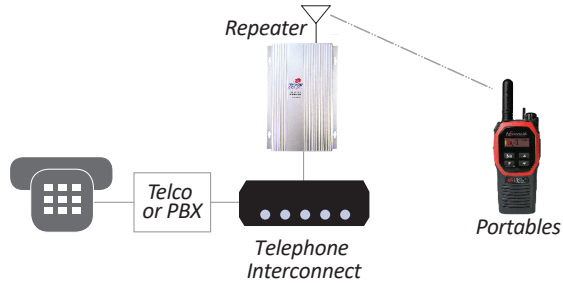


RP9000  
Repeater

### Telephone Interconnect

Part Number: 221297

Telephone Interconnect allows a group of two-way radio users to place and receive telephone calls.



The Telephone Interconnect is ideal for connecting a standard telco line, or an analog PBX extension to a repeater.



Power Supply  
221287



Non-Plenum Indoor  
Antenna 221357



Plenum Indoor Antenna  
Kit 221356

Contact us for Information on cabling, antennas and additional accessories.

**(800) 475-5852** or visit our website at  
[www.advancedwireless.com](http://www.advancedwireless.com)

## Specifications:

Housing Color	Silver
Height (without antenna)	11.8125"
Width	7"
Depth	2.75"
Weight	5 lbs.
Antenna	Detachable
Audio Accessory Jack	DB15HD
Power Requirement	12V, 2 amp
Power Input	12V DC Power Input
Transmitter Power	.5/2 Watts
Channels	1
FCC ID	Q9SAWRERM100
IC	4651A-ERM100
Operating Frequency Range	450 - 470 MHz
Frequency Separation	12.5 KHz / 5 MHz
Tone / Code Signaling	CTCSS / DCS
Hang-Time Timer	0 - 5 seconds

Time-out Timer	30 to 300 seconds or Off
RF Connector	Type N FM
DC Power Connector	2.1 mm
Antenna Impedance	50 Ohm
RF Output @Antenna Port	.5/2 Watts
Frequency Stability	2.5 ppm
Modulation	11K0F3E
Deviation	+/- 2.5K
Spurious & Harmonics	≤-36 dBm
Audio Response	300 - 3000 Hz
FM Hum & Noise	≥45 dB
Duty Cycle	50 / 50
Rated Audio Power Output	500 mW
Sensitivity (12 dB SINAD)	.3 μV
Selectivity (EIA)	60 dB
Image Rejection (EIA)	80
Intermodulation Rejection (EIA)	65 dB

Frequency Stability	+/- 2.5 ppm
Noise Squelch Sensitivity	.25 μV
Audio Frequency	300 -3000 Hz



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