



(800) 475-5852
20809 Kensington Blvd, Lakeville, MN 55044
www.advancedwireless.com
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AWR RB5000™

Two-way Radio Base Station

The AWR-RB5000 Two-way Radio Base Station is a cost-effective, "fixed location" two-way radio. Mount on a wall or flat surface, place on desk, install on a forklift or use wherever you need quick access to instant communications. Ideal for use with portable radios and can be programmed to work through radio repeaters.

Key Features:

- 16 Channels
- RF Power Output .5/2 Watts
- User Selectable Scan (Add/Delete)
- Priority Scanning
- Speaker Microphone Jack
- Remote Push-To-Talk Jack
- External Speaker Jack
- Narrow Band (12.5 Spacing)
- LCD Display
- Wireless Cloning
- Built-In Microphone
- Mount on a Wall, Desk or Forklift.

The AWR-RB5000 Base Station is close at hand, mount or place where you need instant communications most



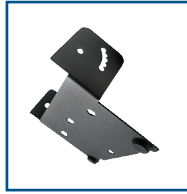
Accessories:



AWR-RB5000
Base Station
922961



Foot Push-to-Talk
221285



Base Station Bracket
221288



Speaker Mic Kit
221373



Base Station Antenna
221315



Non-Plenum Indoor
Antenna 221357



External Speaker
221286



Power Supply
221287



Open Ear Headset
221302



Plenum Indoor Antenna
Kit 221356



Magnetic Mount
Antenna Kit 100449



Ear Hook Headset
221108



Earloop Headset
210858



Flexible Earloop
Headset 221110



Surveillance Headset
215556



Surveillance with PTT
221111

Additional accessories including wired headsets are available at:
www.advancedwireless.com

Specifications:

| | |
|------------------------------|--------------------------|
| Housing Color | Black |
| Dimension (inches) | 6.7" x 3.875" x 1.19" |
| Height (including antenna) | 6.7" |
| Width | 3.875" |
| Depth | 1.19" |
| Weight (w/battery & antenna) | 19.94 oz |
| Antenna | Removable |
| Audio Accessory Jack | Double Pin |
| Power Requirement | 12V, 2 amp |
| Power Input | 12V DC Power Input |
| Channels | up to 16 |
| FCCID | Q9SAWRERM100 |
| IC | 4651A-ERM100 |
| Operating Frequency Range | 450 ~ 470 MHz |
| Frequency Separation | 12.5 KHz |
| Tone / Code Signaling | CTSS / DCS |
| Time-out Timer | 30 to 300 seconds or Off |

| | |
|---------------------------|---------------|
| RF Connector | 2.1mm |
| Antenna Impedance | 50Ω |
| RF Output @Antenna Port | 2 Watts |
| Frequency Stability | ±2.5ppm |
| Modulation | 11K0F3E |
| Deviation | +/- 2.5K |
| Spurious & Harmonics | ≤-36dBm |
| Audio Response | 300 - 3000 Hz |
| FM Noise | ≥45dB |
| Duty Cycle | 50 / 50 |
| Audio Power Output | 500 mW |
| Sensitivity | .3 μV |
| Selectivity (EIA) | 60dB |
| Frequency Stability | ±2.5ppm |
| Noise Squelch Sensitivity | .25 μV |
| Operating Voltage | 3.7 V |
| Audio Frequency | 300-3000 Hz |

| | |
|--|-----------------------|
| Componder | Yes / Channel |
| Scan | Yes |
| Priority Scan | Yes |
| Busy Channel Lock-Out | Yes |
| Proceed to Talk Tone | No |
| Roger Tone | Yes |
| Scramble | Yes |
| LCD (with available aliases) | Yes - with Back Light |
| Vibration | No |
| Bluetooth | No |
| Voice Recorder | No |
| DTMF Encoding | Yes |
| CTCSS & DCS Coding | Yes |
| Keylock | Yes |
| Adjustable Microphone Gain (Sensitivity) | Yes |
| Wireless Cloning | Yes |



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