



**Optional:  
DM350HD  
Desktop  
Microphone**

## RDR2750 Digital Radio Base Station

**Durable and Versatile Design** The RCA RDR2750 is a commercial-grade two-way radio base station with durable metal housing, designed to sit on an office desk or be mounted to a wall or other flat surface. The base station comes equipped with a 16 character display, navigation buttons, programmable function buttons, built-in PTT or options for external desktop mic, palm mic, speaker mic or a headset.

**Simple, Reliable Communication** The RCA RDR2750 base station is the newest addition to the PRODIGI™ line of Professional DMR Digital Radios. Simple and cost-effective, the RCA digital radios are designed to connect your workforce efficiently and provide you with reliable communication allowing you to focus on growing your business.

**Cross-Band Compatibility** Designed strictly according to the Digital DMR ETSI Standard TS 102 361-1,-2,-3, the RDR2750 is compatible with all RCA two-way radios as well as all other major brands.

**Upgrade To Digital At Your Own Speed** Analog and Digital operation will give you the flexibility to upgrade to Digital at your own speed, without sacrificing safety and keeping your business operations running smoothly during the transition period.

**Reliability, Safety, and Productivity First** The RDR2750 base station provides a reliable, cost-effective communication solution with a simple, user-friendly operation that will help your employees connect, collaborate and coordinate in real time to get their job done safely and more efficiently.

**Advanced Features at Your Fingertips** Different departments, work crews, managers and employees can choose to use the best model for their needs, taking advantage of advanced features such as Caller ID, Group and Private Call, Radio Check, Radio Enable/Disable, Emergency and Lone Worker Alerts, Text Messaging and many more.

**Clear and Loud Audio** Designed with X-Sound+ HD™ for exceptional voice quality, the RDR2750 digital base station's large internal speaker provides 2.5 Watts of loud and clear audio.

**Industry Leading Warranty** The RDR2750 base station radio is backed by an industry leading, hassle-free, Two (2) Year Warranty.



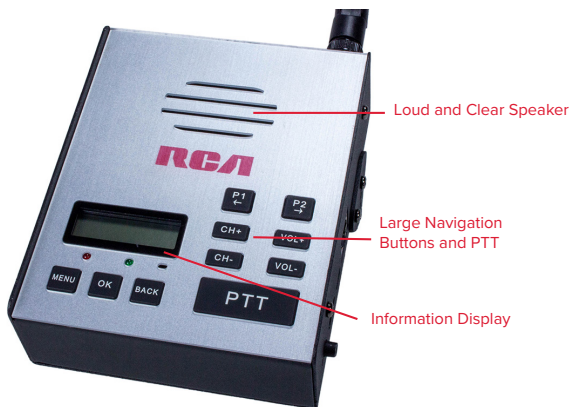
### RDR2750 Specifications

#### Features & Options

- Loud Internal Speaker
- 2 Programmable Keys
- Navigation Keys
- LED Indication
- 16-Character Alphanumeric Display
- RSSI Indicator
- CTCSS/DCS Encode/Decode
- DTMF Encode / Decode
- Scan
- Mixed Mode (Analog / Digital) Scan
- Priority Scan
- Channel Activity Monitor
- Alert Tones On/Off
- RPT / Talkaround
- Detachable 90° BNC Antenna
- Desktop or Palm Mic Option\*
- Speaker Mic or Headset Option\*
- Desktop and Wall Mount Options
- Swivel Desktop Bracket
- IP54 Rating
- Designed to meet MIL-STD 810 C,D,E,F,G

#### Digital Mode Specific Features

- Contact List for Up to 1,000 Records
  - All Call, Group Call, Private Call
  - Manual Private Call Dial
  - PTT ID Encode/Decode
  - Basic Encryption
  - Advanced Encryption Option\*
  - Radio Check
  - Radio Enable / Disable
  - Remote Radio Monitor
  - Emergency Alert
  - Lone Worker Alert
  - Direct Mode Operation (DMO)
  - Pre-Saved (Quick)Text Messaging
  - One Touch Access
- \* Optional Features/Accessories

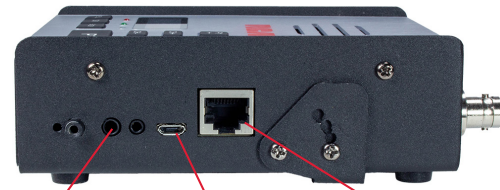


GENERAL SPECIFICATIONS	
Model	RDR2750
Channel Numbers	1000
Channel Spacing	Digital: 12.5KHz / Analog: 12.5KHz / 25KHz
Working Voltage	DC 12V
Frequency	UHF: 400-470Mhz
Weight	620gr. / 1.35lbs (mounting bracket included)
Size: HxWxD (inches)	44.2x104x142.3 (mm.) / 1.75x4.1x5.6 (in.)
Power	100-240V to 12V Power Supply

RECEIVER	
Analog Sensitivity	0.22µV / -120dBm (12dB SINAD)
Digital Sensitivity	0.3uV/-117.4dBm (BER 5%)
Intermodulation	60dB
Adjacent Channel Selectivity	60dB@12.5KHz
Co-Channel Rejection	12dB@12.5KHz
Spurious Response Rejection	70dB
Receive Spurious Radiation	-57dBm@<1GHZ -47dBm@>1GHZ
Block	84dB
Rated Audio Power	2.5W @ 8 Ohms (Internal) / 1.25W @16 Ohms
Rated Audio Distortion	≤3%

TRANSMITTER	
Frequency Stability	± 1.0 ppm
Transmit Power	High: 5W / Low: 2W
FM Noise	40dB@12.5KHz
Intermodulation	60dB
Transmit Spurious Radiation	-36dBm@<1GHz, -30dBm@>1GHz
Adjacent Channel Power	-60dB@12.5KHz
Modulation Limit	2.5KHz@12.5KHz
Idle Slot Power	-57dBm
Audio Response	+1dB~-3dB
Rated Audio Distortion	≤3%
FSK Error	≤3%

ENVIRONMENTAL SPECIFICATIONS	
Operation temperature/ Storage temperature	(-20°C)~+50°C / (-4°F)~+122°F / (-40°C)~+80°C / (-40°F)~+176°F
Designed to meet Environmental Test Standard for Temperature, Fall, Vibration	MIL-STD-810 C; D; E; F; G
IP Rating	IP54 Dust and Water Resistant



#### Authorized Dealer:

