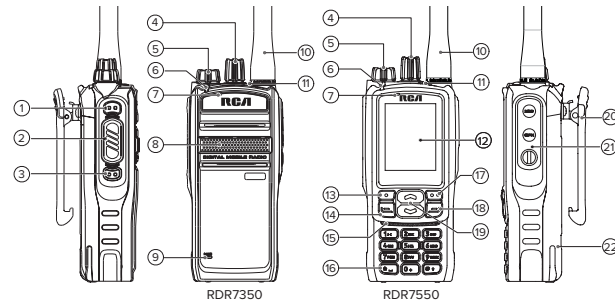


QUICK START GUIDE



① Side Button 1 (Programmable)

② Push-To-Talk Button (PTT)

③ Side Button 2 (Programmable)

④ Channel Selector Knob

⑤ Radio On-Off/Volume Control Knob

⑥ LED Indicator

⑦ Microphone

⑧ Speaker

⑨ Microphone (Full Duplex)

⑩ Antenna

⑪ TK (Top Key)

⑫ LCD Display

⑬ Menu / OK Key

⑭ P1 / Answer / Call Key

⑮ Speaker

⑯ Numeric Keypad

⑰ Settings Key

⑱ P2 / End / Home Key

⑲ Up / Down Key

⑳ Belt Clip

㉑ Accessory Jack

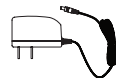
㉒ Battery

RCA

Communications Systems

RDR7x50 Professional Digital Two-Way Radio

What's Included:

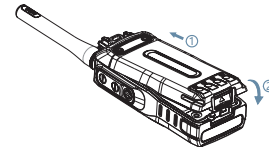
RDR7350
Handheld RadioRDR7550
Handheld Radio2400 mAh
Li-Ion BatteryAntenna
VHF or UHFHeavy Duty
Belt ClipPower Supply for
Charger BaseDesktop Rapid
Charger Base

Attaching the Antenna:



Screw the antenna into the connector at the top of the radio by holding the bottom of the antenna and turn it clockwise until secure.

Attaching the Battery:



1. To install the battery, place it into the grooves on the radio chassis. ① Slide the battery into position. ② Press the battery into position, you will hear the latch click and the battery is installed.

2. To remove the battery from the radio, press the battery latch located on the bottom of the radio, and then slide the battery down and away from the radio body, about 5mm to release the latch.

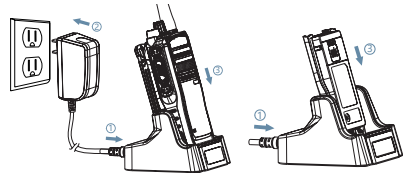
Note: If the battery is not securely locked, remove it and reattach it.

Notes:

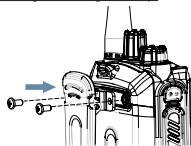
RCA

Communications Systems Created in U.S.A.

www.rcacommunicationssystem.com
products@rcacommunicationssystem.com
 (877) 822-2915

Setting Up Your Charger:

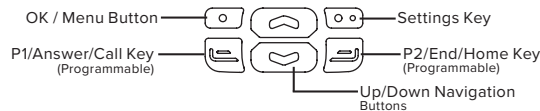
1. Plug the adapter's DC connector into the DC socket on the back of the charger. (see ①)
2. Plug the adapter's AC connector into the AC outlet socket. (see ②)
3. Place the radio with the battery attached, or the battery alone, in the charger. (see ③)
4. Make sure the battery contact is touching the charging terminals. The charging process begins when the red LED light illuminates.
5. The green LED light will illuminate approximately two hours later, indicating the battery is fully charged.

Attaching/Removing Belt Clip:

Use the 2 screws (M2.5x8.0) supplied with the radio and insert these screws through the holes in the radio clip and into the holes in the aluminum case. If you want to remove the clip from the radio, just unscrew them, and remove the clip. You can put the screws back into the radio to make sure you do not lose them.

ATTENTION:

- Remove battery for easy installation
- Do not use power tools, only screwdriver

Function Keypad (RDR7550 model)**Programmable Keys**

[P1] key, [P2] key, and Top Button, can be set as function or menu shortcut keys by your RCA dealer. The function keypad is to help navigate the on-screen menu of RDR7550.

Basic Operations**Turning on/off radio**

Rotate the Radio On-Off/Volume knob clockwise / counter-clockwise until a click is heard to turn on/off the radio.

Adjust the volume

After turning the radio on, rotate the Radio On-Off/Volume knob clockwise to increase the volume or counter-clockwise to decrease the volume.

Selecting a channel

Locate the channel number on the Channel Knob rotate it to select the desired channel. While rotating the knob, there is an automated channel number Voice prompt.

Mode Switch

Through Channel Selector knob. Each channel of the radio can be set as analog channel or digital channel by the dealer. The user can set them up through CPS software.

Call**Group Call**

Talk group can be set by the dealer in advance and the operation methods are the same under DMO mode and TMO mode.

• **Transmitting a group call**

1. Select the desired talk group through Channel Knob.
2. Hold down [PTT] key to transmit a group call.

• **Receiving and replying a group call**

You can receive the group call without any key operation. If reply is needed, please hold down [PTT] key after the speech of the other side and then speak to microphone.

Care and Cleaning

To guarantee optimal performance as well as a long service life of your radio, please follow the tips below.

Radio Care

Keep the radio far away from substances that can corrode the electronic circuit.

Do not hold the radio by its antenna or headset cable directly to prevent damage to its normal use.

Attach the accessory jack cover when the radio is not in use.

Radio Cleaning

Clean up the dust and fine particles on the radio surface and charging piece with a clean and dry lint-free cloth or a brush regularly.

Use neutral cleanser and a non-woven fabric to clean the keys, control knobs and front case after long-time use. Do not use chemical preparations such as stain removers, alcohol, sprays or oil preparations, so as to avoid surface case damage. Make sure that the radio is completely dry before use.

NOTE: Turn off the radio and remove the battery before cleaning.

Battery indicator

Battery Usage Status	Audio Indication (RDR7350 model)	Display Indication (RDR7550)
Power ≤ 100%	3 Beeps	
Power ≤ 75%	2 Beeps	
Power ≤ 25%	1 Beep	
Power ≤ 10%	Low Battery Beep Warning	

Charger LED Indicator	Charger Status
LED flashes red slowly.	Standby (no load)
LED glows red.	Charging
LED glows orange.	90% charged
LED glows green.	Fully charged
LED flashes red rapidly.	Failure

Radio LED Indicator	Radio Status
Flashes Green Slowly	Standby
Flashes Green Rapidly	Upgrading or powering on
Glow Green	Receiving
Flashes Red Slowly	Low battery
Flashes Red Rapidly	None
Glow Red	Transmitting
Flashes Orange Slowly	Scanning
Flashes Orange Rapidly	None
Glow Orange	No voice is being transmitted or received on the traffic channel after a call is established. Within such period, you can hold down the PTT key to talk.

Display Icons

The LCD display shows radio status, text entries, and menu entries. The following are icons that appear on the radio's display.

	Received Signal Strength Indicator Icons (RSSI)	The number of bars displayed represents the radio signal strength. Four bars indicate the strongest signal. This icon is only displayed while receiving.
	Battery Strength Icons	The number of bars (0 - 3) shown indicates the charge remaining in the battery.
	Accessory Link	The Accessory Link feature is enabled but there is no remote Accessory Link device connected.
	Scan Icon	Scan land on Scan feature is enabled.
	Roaming Icons	Roaming Feature is enabled.
	GPS Icons	The GPS feature is enabled. The icon stays lit when a position fix is available.
	Accessory Connected Icon	Accessory is connected.
	Power Level Icons	Radio is set at Low / High power.
	Message Icons	New Message Icon / Full Inbox Icon
	Missed Call Icon	Missed Call
	Wireless PTT Icon	Wireless PTT is connected.
	Accessory Link Headset Icon	Accessory Link headset is connected.
	Wireless PTT and Accessory Link Headset Icon	Accessory Link headset with wireless PTT is connected.