

Notes:



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Complete User Manual at: RCACommunicationsSystems.com



RDR23x5 Series
Digital Radios

Complete User Manual at: RCACommunicationsSystems.com

QUICK START GUIDE

What's Included:



RDR2325
Handheld Radio



RDR2385
Handheld Radio



B2020LI
Li-Ion Battery
(2000 mAh)



Antenna
ANH200U-6 - UHF
ANH200V-6 - VHF



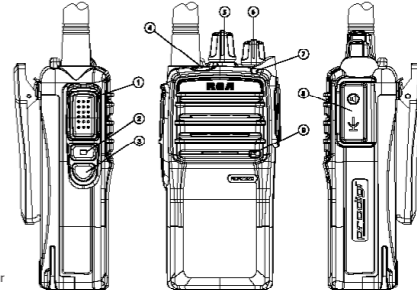
BC2300
Belt Clip



PS4301
Power Supply



CH2301
Desktop Rapid Charger



RDR2325

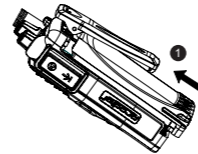
- 1 Push-to-Talk (PTT) Button
- 2 Programmable Button 1*
- 3 Programmable Button 2*
- 4 Programmable Button 3*
- 5 Channel Selector
- 6 On/Off/Volume Knob
- 7 LED Indicator
- 8 Audio Accessory Connector
- 9 Microphone

Attaching the Antenna:



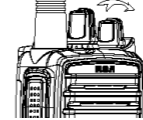
1. Turn the antenna clockwise to attach it.
Note: To remove the antenna, rotate it counter-clockwise.

Attaching the Battery:

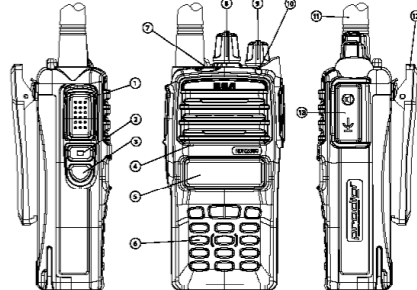


1. While laying flat, put the battery into the radio as 1 shown, horizontally push to the top along the aluminum slot, sliding it up until the battery latch clicks.
2. Removing battery, hold down release button and slide battery down.

Powering On:



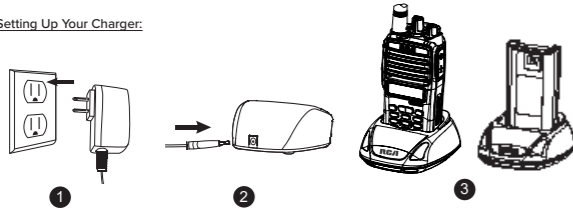
1. Rotate the On/Off/Volume Control Knob clockwise until you hear a click. The LED blinks orange and a brief tone sounds, indicating that the power up test is successful. The RDR2385™ radio displays "RCA RDR2385™ DMR Radio" when powered up.
2. To turn off the radio, rotate the knob counterclockwise until you hear a click.



RDR2385

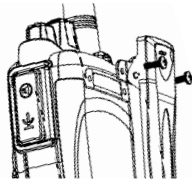
- 1 Push-to-Talk (PTT) Button
- 2 Programmable Button 1*
- 3 Programmable Button 2*
- 4 Microphone
- 5 Display
- 6 Keypad - 12 alpha/numeric keys; 3 menu control keys
- 7 Programmable Button 3*
- 8 Channel Selector
- 9 On/Off/Volume Knob
- 10 LED Indicator
- 11 Antenna
- 12 Belt Clip
- 13 Audio Accessory Connector

Setting Up Your Charger:



1. Plug the adapter's AC connector into the AC outlet socket. (see 1)
2. Plug the adapter's DC connector into the DC socket on the back of the charger. (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.

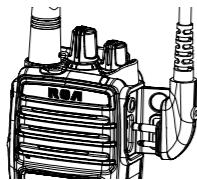
Attaching/Removing Belt Clip:



1. Rotate the screws counter-clockwise to remove them.
2. Align the screw holes on the belt clip with those on the radio's body, then insert and tighten the screws clockwise.

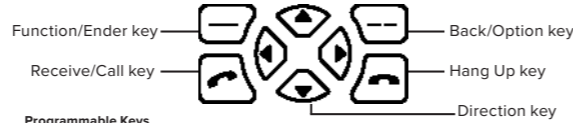
Note: To remove the belt clip, loosen the screws.
ATTENTION:
 • Do not use power tools, only screwdriver

Attaching audio accessory/programming cable:



1. Open the accessory jack cover. Align the plug with the accessory jack, then connect it.
2. Tighten the screw clockwise on the plug.
Note: To remove accessories, loosen the screw counter-clockwise.

Function Keypad (RDR4350/RDR4380 models)



Programmable Keys
 [P1] key, [P2] key, four direction keys, [M] key, can be set as function or menu shortcut keys by your RCA dealer. The default state of [P1] and [P2] shortcuts are for high-low power switching. You only need to press the corresponding shortcut key to quickly access the needed menu or function.

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.

LED indicator and charging status in charger

LED Indication	Charging Status
LED Flashes Red Slowly	Standby (no load)
LED Glows Red	Charging
LED Glows Orange	85% Charged
LED Glows Green	Fully Charged
LED Flashes Red Rapidly	Error

Radio LED indicator

LED Indication	Radio Status
LED Glows Red	Transmitting the call
LED Glows Green	Receiving the call
LED Glows Red On Both Sides	Phone Call
LED Flashes Red Slowly	Low Battery Power
LED Flashes Green Slowly	Channel is Idle
LED Glows Orange	Channel is Busy

Battery indicator

Battery Usage Status	LED Indication (RDR4330 model)	Display Indication (RDR4360/RDR4390)
Power ≥ 80%	Battery Indicator Light Blinking Green	
Power ≥ 40%	Battery Indicator Light Blinking Orange	
Power ≤ 40%	Battery Indicator Light Blinking Red	
Power ≤ 10%	Battery Indicator Light Blinking Red	

LCD Icon / STATUS INDICATION IN RADIO (RDR4350 / RDR4380 models)

Icon Name	Icon	Radio Status
Battery Strength Icons		Low battery power
		More bars indicate more battery power
RSSI		No Signal
		More bars indicate better signal strength
Message Icons		New message/unread message
		Inbox is full
Operation Mode Icons		TMO mode
		DMO mode
		Analog mode
Power Icons		Transmit with lower power
		Transmit with middle power
		Transmit with high power
Profiles Icon		Silent mode
		Ring
		Vibrate
		Custom
Audio Accessories		Audio accessory has been connected
Call Status Icon		On the phone
Group Selection Icon		Select talk group
Encryption Icon		Encryption ON
Encryption Icon		Encryption OFF / Wrong Encryption Key