

# RDR4300 I.S. Series **Digital Radios**

### **QUICK START GUIDE**

#### What's Included:



RDR4330 (black) Handheld Radio



RDR4360 (black) **RDR4365** (blue) Handheld Radio



RDR4390 (black) **RDR4395** (blue) Handheld Radio



B4320LI Li-Ion Battery



Antenna ANH4300U - UHF ANH4300V - VHF



BC4300 Belt Clip



PS4301 Power Supply



# (2000 mAh)

CH4301 Desktop Rapid Charger

#### Attaching the Antenna: Attaching the Battery:

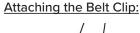


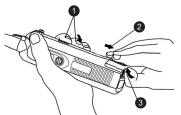
1. Turn the antenna clockwise to attach it.

Note: To remove the antenna, rotate it counter-clockwise.

- 1. While laying flat, put the battery into the radio as 1 shown, horizontally push to the top along the aluminum slot.
- 2. As 2 shown, push the battery latch up and slide battery forward until a click is heard.

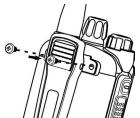
#### Removing the Battery:







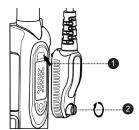
- 2. As 2 shown, push the battery latch up with the other hand.
- 3. Slide the battery as 3 arrow direction shown.



- 1. Rotate the screws counterclockwise 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.

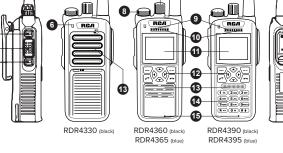
Note: To remove the belt clip, loosen the screws.

# Attaching audio accessory / programming cable:



- 1. Open the accessory jack cover. As **1** shown, align the plug with the accessory jack, then connect it.
- 2. As 2 shown, tighten the screw clockwise on the plug.

Note: To remove accessories, loosen the screw counterclockwise.



# 1

#### **Product Overview**

- 1 P1 Key (hot key)
- P2 Key (hot key)
- Antenna
- Channel Knob
- Earpiece (RDR4360/RDR4365/
- LCD Display (RDR4360/RDR4365/ RDR4390/RDR4395 only)
- Speaker
- Duplex Microphone (RDR4360/
- 17 Accessory Jack Cover
- 19 Belt Clip
- Battery Pole Piece
- Micro SD Encryption Card Cover

- PTT Key (transmit key)
- **Emergency Call Key**
- **LED** Indicator
- Radio On-Off/ Volume Knob
- Simplex Microphone (RDR4360/
- Function Keypad (RDR4360/RDR4365/
- Numeric Keypad (RDR4360/RDR4365/
- 16 **Battery Latch**
- Strap hole
- Battery
- Accessory Jack

Function Keypad (RDR4360 / RDR4365 / RDR4390 / RDR4395 models)



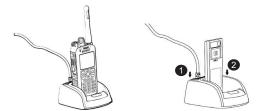
#### **Programmable Keys**

[P1] key, [P2] key, four direction keys, 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.

#### Charging the Battery

#### **Charging Operation Steps**

Use only the charger and battery specified by RCA Communications Systems. Charger LED indicates the changing progress.



- As a shown, connect the power adapter to AC power socket and the jack at the back of the charger.
- 2. As ② shown, insert battery or radio with battery in the charger, and make sure there is good contact between battery and charging terminals.
- 3. The charging process starts when LED glows red.
- 4. LED glows green to indicate that charging is complete.

**NOTE:** The standard 2000mAh battery charging normally takes about 4 hours, for optimal battery performance. Initial charging for new battery should take up to 5 hours.

#### **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.

#### <u>Call</u>

#### **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	Indicator Light Status
Power > 40%	Battery indicator light is off
10% < Power < 40%	Green light flash
Power < 10%	Red light flash
No Power	LED indicator light and battery indicator light off

## STATUS INDICATION IN RADIO (RDR4360 / RDR4365 / RDR4390 / RDR4395 models) LCD Icon

Icon Name	Icon	Radio Status
Character Land		Low battery power
Battery Strength Icons		More bars indicate more battery power
RSSI -	$\Psi_{\!\!\!\times}$	No Signal
	州	More bars indicate better signal strength
Message Icons -	$\boxtimes$	New message/unread message
	$\boxtimes$	Inbox is full
	T	TMO mode
Operation Mode Icons	D	DMO mode
	Α	Analog mode
	<b>©</b>	Transmit with lower power
Power Icons	•	Transmit with middle power
	lacksquare	Transmit with high power
Profiles Icon	A	Silent mode
	Ū	Ring
	$\mathfrak{P}_{i}$	Vibrate
	હ	Custom
Audio Accessories		Audio accessory has been connected
Call Status Icon	r.	On the phone
Group Selection Icon	回	Select talk group
Encryption Icon		Encryption ON
Encryption Icon	×	Encryption OFF / Wrong Encryption Key