

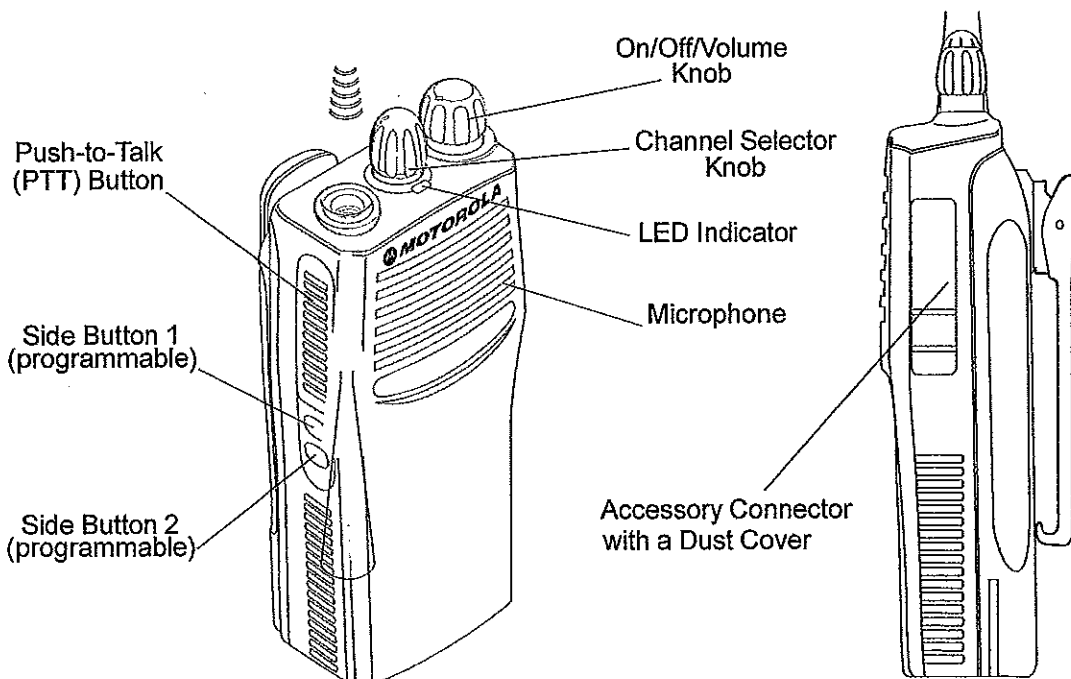
**FEATHER RIVER RAIL SOCIETY
WESTERN PACIFIC RAILROAD MUSEUM**

MOTOROLA CP200 PORTABLE RADIO

RADIO OVERVIEW

PARTS OF THE RADIO

CP150/CP200 Models



On/Off/Volume Knob

Turns the radio on or off, and adjusts the radio's volume.

Channel Selector Knob

Switches the radio to different channels.

Push-to-Talk (PTT) Button

Press and hold down this button to talk (transmit); release it to listen.

Microphone

When sending a message, hold the microphone 1 to 2 inches (2.5 to 5 cm) away from your mouth, and speak clearly into it.

LED Indicator

Indicates power-up, transmit, receive, scan status, Call Alert™, Selective Call, Monitor, and battery status.

Basic Features

LED State/Color	Indication
Red	Transmitting
Flashing Red	Receiving
Scan	
Flashing Green	Scanning for activity
Call Alert†	
Flashing Yellow	Indicates receiving a Call Alert
Selective Call†	
Flashing Yellow	Indicates receiving a Selective Call
Sticky Monitor/Open Squelch	
Yellow	While monitoring
Low Battery	
Flashing Red when transmitting	Low battery level

†Available for 4W and 5W models only.

Battery Charge Status

You can check battery charge status if your dealer has preprogrammed one of the programmable buttons. Hold down the preprogrammed **Battery Indicator** button. The charge status is shown by the color of the radio's LED indicator.

Battery Level	LED Indicator
Good	Green
Sufficient	Yellow
Low	Flashing Red
Very Low	None

Programmable Buttons

The two side buttons on your radio can be programmed by your dealer as shortcuts to various radio features.

Check with your dealer for a complete list of functions your radio supports.

Some buttons can access up to two features, depending on the type of button press:

- **short press** — quickly pressing and releasing the programmable buttons
- **long press** — pressing and holding the programmable buttons for a period of time (default 1 1/2 seconds or programmed value) before releasing
- **hold down** — pressing and holding down the programmable buttons while checking status or making adjustments

Depending on how your radio has been programmed by your dealer, these functions are activated **EITHER** through a short press **OR** a long press, but **NOT** both.

A summary of programmable radio features and corresponding page references appears beginning on page 14.

In the "Feature" column, have your dealer write down the programmable buttons next to the features that have been programmed to them.

Rapid Charger

- 1 Turn the radio off.
- 2 Place the battery, with or without the radio, in the charger pocket.
 - The charger LED indicates the charging progress.

LED color	Status
No LED Indication	Battery inserted incorrectly or battery not detected.
Single Green Flash	Successful charger power-up.
Flashing Red	Battery unchargeable or not making proper contact.
Steady Red	Battery is in Rapid charge mode.
Flashing Yellow	Battery in charger but waiting to be charged. The battery temperature may be too hot or too cold. The voltage may be lower than the pre-determined threshold level for charging.

* Remove the battery from the charger and use a pencil eraser to clean the three metal contacts at the back of the battery. Place the battery back into the charger. If the LED indicator continues to flash red, replace the battery.

† A standard battery may require 90 minutes to charge to 90% capacity. Even though new batteries might prematurely indicate a full charge (steady green LED), charge the battery for 14 to 16 hours prior to initial use for best performance.

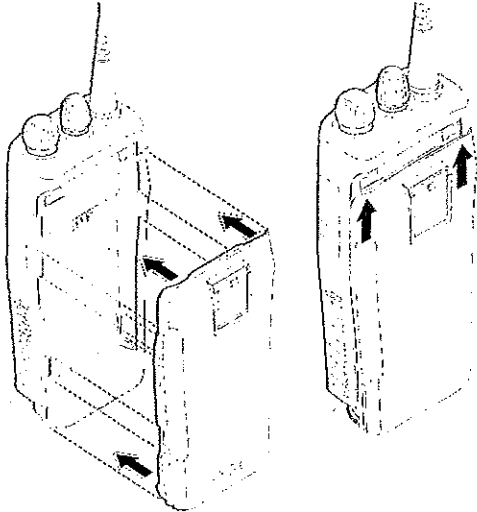
Slow Charger

- 1 Turn the radio off.
- 2 Place the battery, with or without the radio, in the charger pocket.
 - The charger LED indicates the charging progress.

LED color	Status
No LED Indication	Battery inserted incorrectly or battery not detected.
Steady Red	Battery is in over night charge mode. The battery is fully charged after 11 hours.

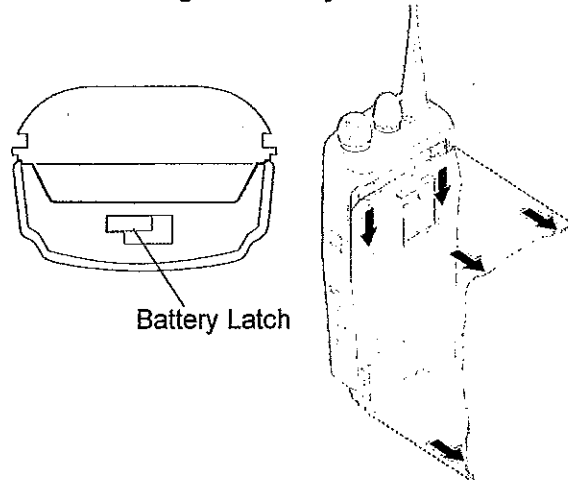
ACCESSORY INFORMATION

Attaching the Battery



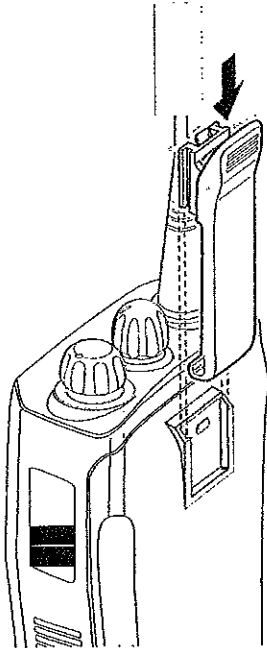
- 1 Align the battery to the battery rails on the back of the radio (approximately 1/2 in. from the top of the radio).
- 2 Press the battery firmly to the radio and slide the battery upward until the latch snaps into place.
- 3 Slide the battery latch, located on radio bottom, into the lock position.

Removing the Battery



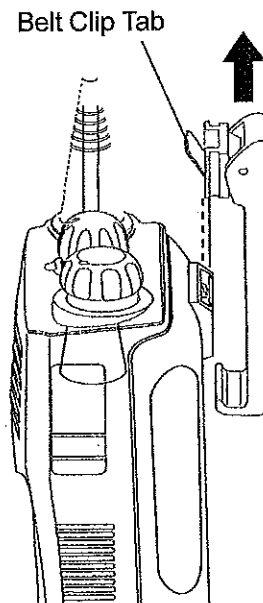
- 1 Turn off the radio if it is turned on (see page 23).
- 2 Slide the battery latch into the unlock position. Disengage by pushing downward and holding the latch towards the front of the radio.
- 3 With the battery latch disengaged, slide the battery down from the top of the radio about 1/2 in. Once the battery is free from the battery rails, lift it directly away from the radio.

Attaching the Belt Clip



- 1 Align the grooves of the belt clip with those of the battery.
- 2 Press the belt clip downward until you hear a click.

Removing the Belt Clip



- 1 Use a key to press the belt clip tab away from the battery to unlock the belt clip.
- 2 Slide the belt clip upward to remove it.