



Rental Equipment Guide

Rental Equipment List

Analog

Motorola CP200 Analog Radio & Corresponding Accessories

Motorola CP200 Analog Radio



This radio is the workhorse of the industry. It is the most popular rental radio by far and fairly popular in most of the categories of business which use radios. Event production, construction, manufacturing, film and TV production, and more still request them. Motorola stopped manufacturing it in 2014 and has since, come out with a new version called the CP200D. It is basically the same radio, with the availability of a digital upgrade.

The radio offers 16 channel selection, with a consistent 4 watt output. The radio to radio coverage (also referred to as simplex) is from $\frac{1}{2}$ mile to $\frac{3}{4}$ of a mile in the city and further in a location with less obstructions. They are also easy to program, extremely durable with an acceptable battery life of between 8-10 hours of average use.

Motorola CP200, 6, 12 & 18 Port Charging Stations

This is a multiple unit charging station. It holds up to 6 radios or spare batteries at a time and can charge them simultaneously. EventTone also uses multiple level chargers which have 12 or 18 ports allowing up to 18 radios charging in one unit.



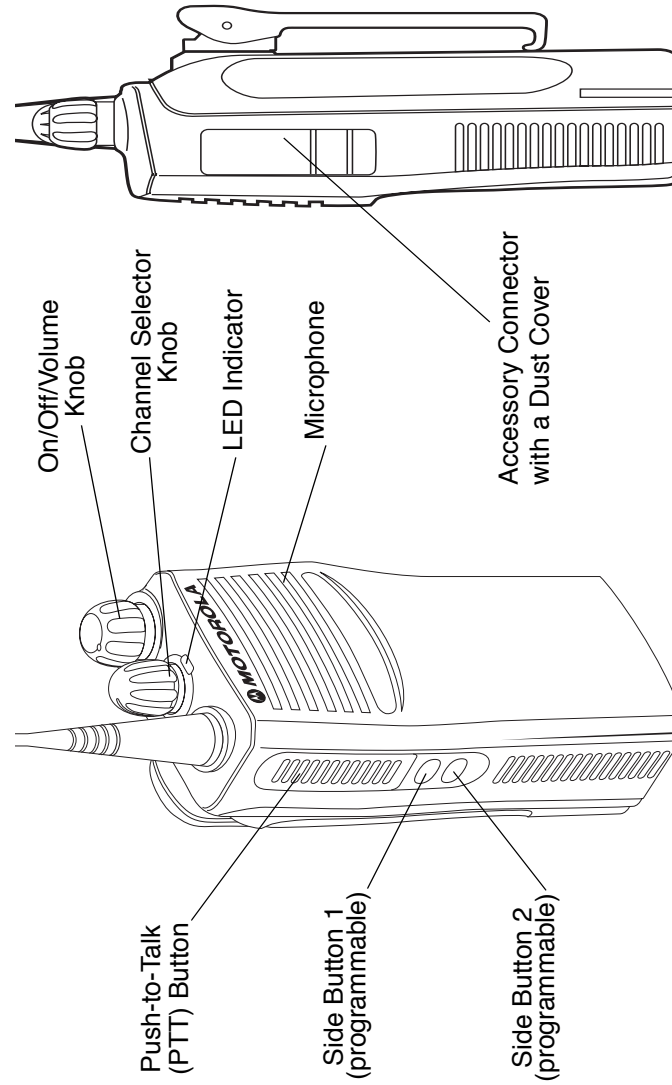
Motorola CP200 Battery

The batteries used for the CP200 are Lithium-Ion 2,500 mAh batteries. They are delivered with the belt clip attached.



RADIO OVERVIEW

PARTS OF THE RADIO CP150/CP200 Models



Digital

Hytera PD562

EventTone began renting these digital portables in 2015 and they have become very popular.



They are light weight and smaller, but offer durability, long battery life and consistent output exceeding 4 watts. Also, they offer a stubby, shorter antenna is located at the center of the top of the radio making the radio much more comfortable to carry.

They are a great choice for, just about, every vertical. They are very popular with our female clients because they are much less cumbersome. They can be worn comfortably with dressier clothing. Also, since they are digital, they offer clearer audio, better coverage, can be programmed to work will with digital repeaters. They have a screen on the front of the radio to allow for channel labeling and texting, and, since they are digital, are designed to block out background noise.

The radio to radio coverage (also referred to as simplex) is from ½ mile to a mile in the city and further in a location with less obstructions. They can also be programmed with multiple zones, and can offer up to 512 channels.

Hytera 6, 12 & 18 Port Charging Stations

This is a multiple unit charging station. It holds up to 6 radios or spare batteries at a time and can charge them simultaneously. EventTone also uses multiple level chargers which have 12 or 18 ports allowing up to 18 radios charging in one unit.

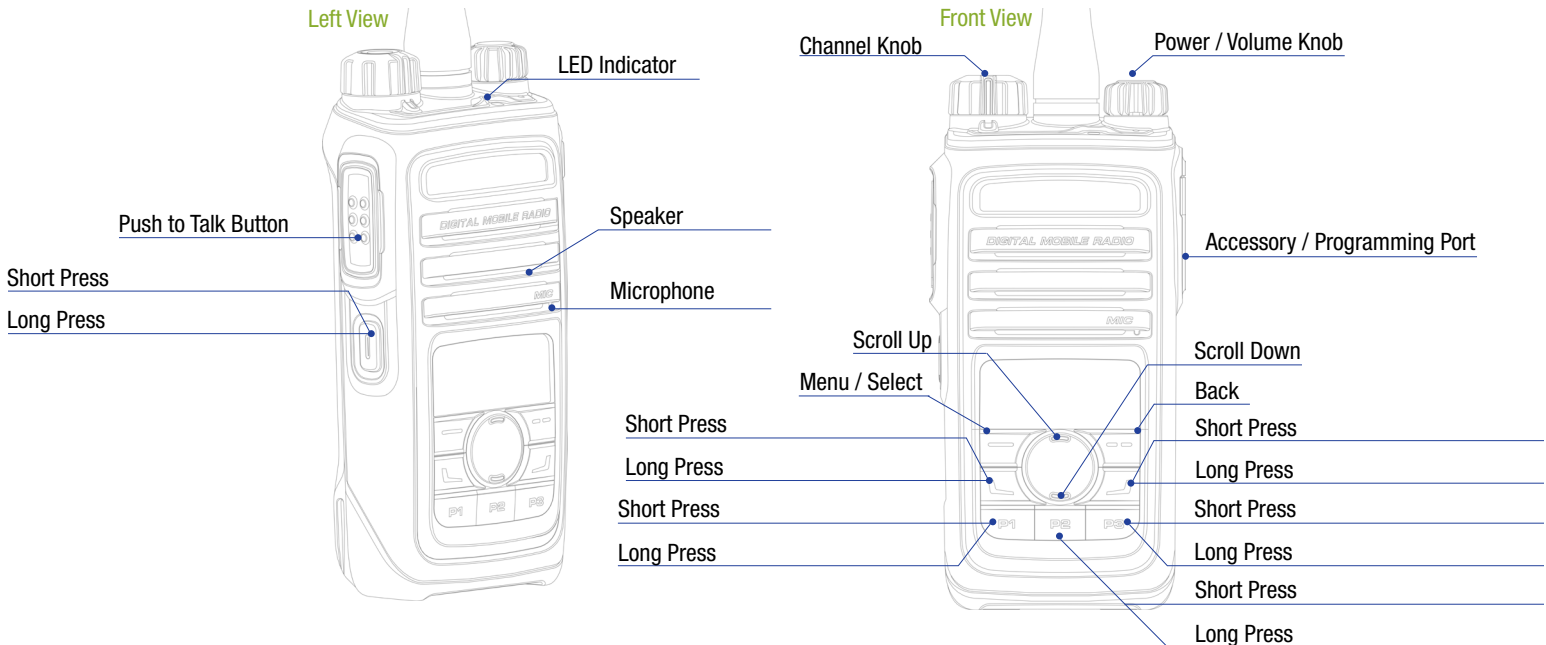


Hytera PD562 Batteries

The batteries used for the Hytera PD562 is a Li-ion 1500mAh battery. It clips into the back of the radio.



Radio Guide for



Radio Operation

Charging the Radio

- Please ensure the radio is off when charging
- Charging while the radio is on shortens the lifespan of your battery
- Full charge may take up to 3 hours
- The radio should be placed in the charger with the screen (front of radio) facing the front of the charger.

Viewing Text Messages

- When the radio receives a text message it will beep, vibrate & display a mail icon
- Pressing the select button will allow you to view the message
- If multiple messages have been received, pressing the select button will display a list of messages
- You can highlight the messages using the scroll button
- Pressing the select button again will allow you to view the highlighted message

Transmitting Voice Calls

- To initiate a transmission hold the Push to Talk (PTT) Button
- Once you press the PTT Button, the radio will emit a talk permit chirp
- This talk permit chirp signals that you can begin to speak
- When done speaking release the PTT Button
- For a set period of time the system resources are held to allow immediate responses
- If there is no response within this period the system will be released signaled by a call ended chirp

Receiving Voice Calls

- Portables automatically receive transmissions on the Talkgroup
- When receiving the screen will display the Talkgroup & the Radio ID / Alias of the transmitting unit

Turning the Radio On

- Rotate the on / off volume knob to power on & set the volume
- If the radio is tuned to a non-programmed channel it will emit a continuous error tone
- Please reference the zone / channel list to select the appropriate channel

Sending Text Messages

- To send a text, press the select button to display the menu
- Use the scroll button to scroll down to the quick text option & press the select button
- This will display the pre-programmed text messages
- Use the scroll button to scroll until the desired message is highlighted then press the select button
- Once completed, press the select button to confirm & select the send option, then select contact list
- Use the scroll button to scroll to the desired contact & press the select button to send

Transmitting Voice Calls Out of Talkgroup

- To call outside your talkgroup press the contact list button to bring the list on the screen
- Use the scroll button to highlight the desired contact
- Press the PTT Button & you will transmit on the selected contact's talkgroup
- The radio will stay on the selected group until a set time of inactivity or canceled via the home button

Channel Controls

- There are zones
- Each zone has channels programmed
- To switch zones
- To switch channels Turn the Channel Knob

Sprint Kyocera Direct Connect Cellular Phones



The Sprint Direct Connect phone is a solution for the client who needs to cover a large area and doesn't have access to a city wide, trunked, two-way radio repeater network. The phones are, for the most part, a hybrid between a cell phone and a two-way radio. It combines one on one instant communication with the benefits of using a cell tower network with nationwide coverage.

The downside to direct connect phones is that it only offers one to one communication. If, for example, you were a medical supervisor on a large event and you were required to contact your entire team on a single channel, you would be unable to do so. The only other option for this type of communication is the addition of an "all call" channel. There are, also, other options, but it requires additional programming and cost.

However, if your coverage area is large and instant coverage is required, Sprint Direct Connect phones are a great choice.

Mobile Units

These are vehicle mounted radios used to transmit within a local area, city or state. They are often installed into the dashboard of the vehicle and run off it's power source. Mobiles are perfect for someone who doesn't need to communicate away from their transportation.



Base Station

Base Stations are modified mobile units designed to be used as an onsite command center. They are plugged into the local power source and offer greater power and coverage than a portable.



Get Started

This section gives you all the information you need to set up your phone and Sprint service the first time.

Your Phone at a Glance

The illustration below shows the parts of your phone.

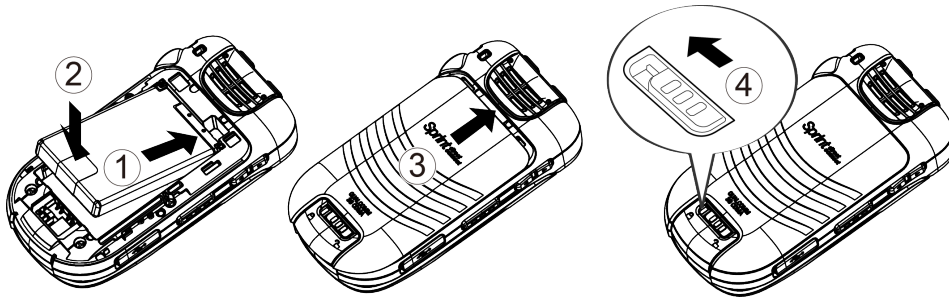


Set Up Your Phone

You must first install and charge the battery to begin setting up your phone.

1. Install the battery.

- Insert the battery into the battery compartment, making sure the connectors align (1). Gently press down to secure the battery (2).
- Position the back cover over the battery compartment, making sure the locking tabs align. Gently slide the cover upward with your thumbs until you hear a slight click (3).
- Slide the battery cover release latch to the locked position (4).



2. Charge your battery.

- Plug the USB connector into the charger/accessory jack on the lower left side of your phone.
- Plug the AC adapter into an electrical outlet.

Note: Your phone's battery should have enough charge for your phone to turn on and find a signal, set up your voicemail, and make a call. You should fully charge your battery as soon as possible.

3. Press **END** to turn the phone on.

- If your phone is activated, it will search for Sprint service and enter standby mode.
- If your phone is not yet activated, see [Activate Your Phone](#) for more information.

Activate Your Phone

Depending on your account or how and where you purchased your phone, it may be ready to use or you may need to activate it on your Sprint account.

- If you purchased your phone at a Sprint Store, it is probably activated and ready to use.
- If you received your phone in the mail and it is for a new Sprint account or a new line of service, it is designed to activate automatically.
- If you received your phone in the mail and you are activating a new phone for an existing number on your account (you're swapping phones), you can activate on your computer online or directly on your phone.

Activate on Your Computer

- Go to sprint.com/activate and follow the instructions to activate your phone.



EventTone Wireless Portable Radio Accessories

EventTone Wireless offers a variety of headset accessories for our line of radios. Many of these are available in both wired and wireless versions and work with both digital and analog versions. If you have any questions about any of the headset options available, please feel free to contact any of representatives at **855-396-5450**.

Speaker Microphones

Also referred to as “hand mics”, “shoulder mics” and “fist mics” speaker microphones are the preferred choice for security, police and EMT services and are also often rented by event planners of large outdoor fairs and festivals.



Surveillance Microphones

Also known as “secret service mics”, surveillance microphones are perfect for any event that requires quieter or private communications.



Double Ear Headsets

This headset is popular with large events, including sports and music productions.



“D” Ring with Boom Microphone

It is a one-wire earpiece with a boom mic and push to talk button on the wire. It is easily used in either ear and comfortable for extended use. Not as covert as the surveillance mic but still private.



Light Headsets

This accessory is very popular with music, theater, TV and film production needs.



“D” Ring Earpiece with In Line Microphone

A popular alternative to surveillance microphones, “D” Ring headsets are popular with smaller event and retail communications.



Universal Accessories

Surveillance Microphone Kits



with a soft acrylic ear bud for comfort during extended wear.

The headset accessories are our most popular. We stock hundreds of pieces because our clients request these headsets the most. They allow the user to communicate discreetly and easily whether you're in security or hospitality. The set includes a dual wire earpiece with a push to talk microphone and a clear acoustic tube



Speaker Microphones

These accessories have an assortment of different names. Though their proper name is "speaker microphones" you will hear clients refer to them as "hand mics", "fist mics", "brick mics" and more. These accessories are very popular in security, police work, construction and other locations where privacy and discretion aren't as necessary. It attaches to the operator's clothing for louder audio and easier accessibility to the Push-To-Talk button. This mic makes it convenient to communicate by eliminating the need to remove the radio from your belt.

Light Headsets

These headsets are also referred to as "Madonna Mics" or "Singers Mics." They are not those kinds of microphones, but they do have that look.

They are simply a single ear head phone with a boom microphone attached. It allows the user to hear the communication while still hearing other stimuli. The boom allows for "hands free" communication.

These headsets are very popular in film and television production, along with live music and theatre shows.



mic

“C” Rings and “D” Rings with Push To Talk Microphones

These headsets are very popular with users who need discretion and privacy but don't wish to have anything inside their ears. They are popular in production and event management, but you will also see these a lot in retail.

The “C” or “D” Ring part is a label given to the part of the headset that sits **on** the ear instead of, like the surveillance microphone ear bud, sits **in** the ear. They are named for the shape of this part of the unit. They also have an “inline” “push to talk” microphone that the user can use to speak into.

“C” Ring Push To Talk



“D” Ring Push To Talk



Repeaters

Repeaters are popular items with clients that need to cover a larger area than the standard radio can reach. It is designed to be programmed to one (analog) or two (digital) channel(s) to boost the signal for those channels. In simple terms, an average radio, using its own power to communicate with another radio, can reach an area between ½-1 mile in circumference, based on the infrastructure it is in. A radio channel programmed to a repeater will take that signal and increase it by multiples. In an urban setting, one can expect about a doubling of the signal distance. However, if you are in an unobstructed area, like a body of water or an open plain, the signal can travel for miles. The coverage is also affected by the height of the placement. The higher the repeater is, the further the signal will travel. This is why you see radio towers. These towers were constructed as a means to get the repeater unit and its signal as high as possible for the area. The higher it is, the further it will go.

Analog Repeater



Digital Repeater

