

# Welcome

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Congratulations on choosing the Motorola Satellite Series™ 9570 Portable Dock. The 9570 Portable Dock provides additional flexibility and convenience to your use of your Motorola Satellite Series™ 9500 Portable Phone. (The 9500 Portable Phone is available separately from your service provider.)

All Motorola accessories are designed and manufactured to meet Motorola's superior specifications and world-class quality standards. The 9570 Portable Dock is designed to enhance the capabilities of the 9500 Portable Phone to help meet your wireless communication needs.



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# *Safety Information*

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**Important:** Read this information before using your wireless phone.

## ***Exposure to Radio Frequency Signals***

Your wireless portable telephone is a low power radio transmitter and receiver. When it is ON, it receives and also sends out radio frequency (RF) signals.

International agencies have set standards and recommendations for the protection of public exposure to RF electromagnetic energy.

- International Commission on Non-Ionizing Radiation Protection (ICNIRP) 1996
- Verband Deutscher Elektrotechniker (VDE) DIN-0848
- United States Federal Commission, Radio Frequency Exposure Guidelines (1996)
- National Radiological Protection Board of the United Kingdom, GS 11, 1988
- American National Standards Institute (ANSI) IEEE. C95. 1-1992
- National Council on Radiation Protection and Measurements (NCRP). Report 86
- Department of Health and Welfare Canada. Safety Code 6

These standards are based on extensive scientific review. For example, over 120 scientists, engineers, and physicians from universities, government health agencies, and industry reviewed the available body of research to develop the updated ANSI standard.

The design of your phone complies with these standards when used normally.

## ***Antenna Care***

Use only the supplied or an approved replacement antenna. Unauthorized antennas, modifications, or attachments could damage the phone and may violate local agency regulations.

## ***Phone Operation***

Do not operate your mobile telephone when a person is within 8 inches (20 centimeters) of the antenna.

A person or object within 8 inches (20 centimeters) of the antenna could impair call quality and may cause the phone to operate at a higher power level than necessary and expose that person to RF energy in excess of that established by the FCC RF Exposure Guidelines.

## ***Batteries***

All batteries can cause property damage, injury, or burns if a conductive material, such as jewelry, keys or beaded chains, touches exposed terminals. The material may complete an electrical circuit and become quite hot. To protect against such unwanted current drain, exercise care in handling any charged battery, particularly when placing it inside your pocket, purse, or other container with metal objects. When the battery is detached from the phone, your batteries are packed with a protective battery cover; please use this cover for storing your batteries when not in use.

## ***Driving***

Check the laws and regulations on the use of wireless telephones in the areas where you drive. Always obey them. Observe the following guidelines when using your phone while driving.

- Give full attention to driving—driving safely is your first responsibility.
- Pull off the road and park before making or answering a call if driving conditions so require.

## ***Electronic Devices***

Most modern electronic equipment is shielded from RF signals. However, certain equipment may not be shielded against the RF signals from your wireless phone.

## ***Pacemakers***

The Health Industry Manufacturers Association recommends that a minimum separation of six inches (6") be maintained between a wireless phone's antenna and a pacemaker to avoid potential interference with the pacemaker. These recommendations are consistent with the independent research by and recommendations of Wireless Technology Research.

Persons with pacemakers:

- should ALWAYS keep the phone more than six inches from their pacemaker when the phone is turned ON
- should turn the phone OFF immediately if you have any reason to suspect that interference is taking place

### ***Other Medical Devices***

If you use any other personal medical device, consult the manufacturer of your device to determine if it is adequately shielded from external RF energy. Your physician may be able to assist you in obtaining this information.

Turn your phone OFF in health care facilities when any regulations posted in these areas instruct you to do so. Hospitals or health care facilities may be using equipment that could be sensitive to external RF energy.

### ***Vehicles***

RF signals may affect improperly installed or inadequately shielded electronic systems in motor vehicles. Check with the manufacturer or its representative regarding your vehicle. You should also consult the manufacturer of any equipment that has been added to your vehicle.

### ***Posted Facilities***

Turn your phone OFF in any facility where posted notices so require.

### ***Aircraft***

Airline regulations prohibit using your phone while in the air.

Switch OFF your phone before boarding an aircraft.

### ***Blasting Areas***

To avoid interfering with blasting operations, turn your phone OFF when in a "blasting area" or in areas posted: "Turn off two-way radio." Obey all signs and instructions.

## ***Potentially Explosive Atmospheres***

Turn your phone OFF and do not remove your battery when you are in any area with a potentially explosive atmosphere. Obey all signs and instructions. Sparks from your battery in such areas could cause an explosion or fire resulting in bodily injury or even death.

Areas with a potentially explosive atmosphere are often but not always clearly marked. They include, but are not limited to: fueling areas such as gasoline stations; below deck on boats; fuel or chemical transfer or storage facilities; areas where fuel odors are present (for example, if a gas/propane leak occurs in a car or home); areas where the air contains chemicals or particles, such as grain, dust, or metal powders; and any other area where you normally would be advised to turn off your vehicle engine.

## ***For Vehicles Equipped with an Air Bag***

An air bag inflates with great force. Do NOT place objects, including both installed or portable wireless equipment, in the area over the air bag or in the air bag deployment area. If in-vehicle wireless equipment is improperly installed and the air bag inflates, serious injury could result.



# *Introduction*

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## **In this chapter you will learn about:**

- how to use this guide
- package contents
- product overview

# Guide Overview

This guide describes:

- how to set up the 9570 Portable Dock
- how to use the 9570 Portable Dock

To learn how to use the 9500 Portable Phone, refer to the *9500 Portable Phone User's Guide*.

Here is what you will learn in the each part of this guide:

## ***Setting Up the 9570 Portable Dock***

"Setting Up the 9570 Portable Dock" on page 19 tells how to:

- mount the 9570 Portable Dock to a fixed surface
- install optional batteries in the 9570 Portable Dock
- use the 9570 Portable Dock to charge batteries
- connect the 9570 Portable Dock to an external power source

## ***Using the 9570 Portable Dock***

"Using Your 9570 Portable Dock" on page 33 describes how to:

- dock your 9500 Portable Phone into the 9570 Portable Dock
- turn the 9570 Portable Dock's power on and off
- place, receive, and end a call
- mute and unmute a call
- adjust speaker and ringer volumes
- use an auxiliary SIM card with the 9570 Portable Dock
- transport the 9570 Portable Dock

# Package Contents

The 9570 Portable Dock includes these components:

- 9570 Portable Dock unit
- mounting base
- passive (corded) handset
- 9570 Portable Dock AC wall charger
- lock and key set for locking the portable phone into the 9570 Portable Dock and for locking the 9570 Portable Dock into the mounting base

These optional accessories are available separately:

- batteries
  - standard capacity Lithium Ion battery
  - high capacity Lithium Ion battery
- antennas and cable
  - fixed mast antenna (for use on permanent buildings, temporary fixed structures, or boats)

(The fixed mast antenna requires a cable for connection to the 9570 Portable Dock; use either the 10-meter cable kit or the Custom Cable Kit and a cable that you order separately.)

- 10-meter cable (for use with the fixed mast antenna)

- mobile magnetic mount or mobile permanent mount antenna (for use with vehicles)

The mobile magnetic mount antenna has a magnetic base that secures it to a vehicle. The mobile permanent mount antenna is bolted to the vehicle rooftop through a hole in the vehicle rooftop.

**Note:** Both the mobile magnetic mount and the mobile permanent mount antennas are intended to be mounted on a metallic plane which also works as a ground. The metallic ground plane must, at a minimum, measure 30-in X 30-in. The recommended size of the metallic ground plane is 40-in. X 40-in. (about the size of the roof of an average automobile).

- custom cable kit (for use when the included 10-meter cable is not long enough for your requirements)

Order the custom cable kit from your service provider.

- Vehicle Charger

## A Note About the Custom Cable Kit

The custom cable kit is intended for use with an additional cable that you order separately. Use the information below for ordering customized cable lengths:

### Recommended Supplier:

Andrews Corporation  
10500 West 153rd Street  
Orland Park, Illinois

### Customer Service:

+1.800.255.1479 (Toll-free in the U.S.)

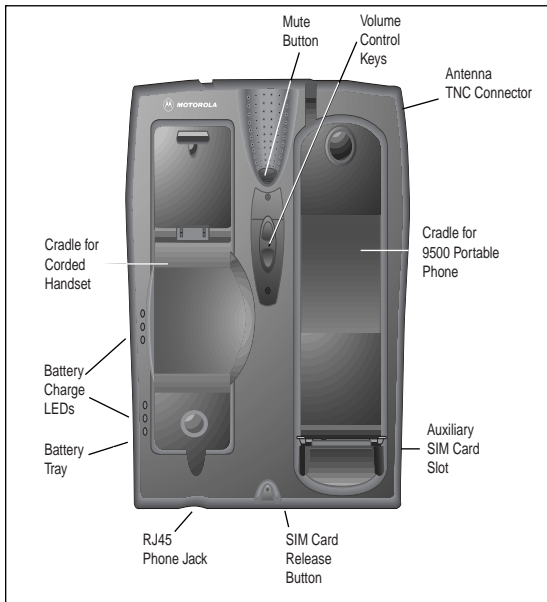
+1.708.873.2307 (International toll calls)

### Available Customized Cable Lengths:

Cable Type	Type N Male	Type N Female	Diameter		Loss (dB/m)	Max. Length	
			in.	cm.		m.	ft.
FSJ1	F1PNM-H	F1PNF-BH	.25	.635	0.262	4.5	14.7
FSJ2*	F2PNM	F2PNF	.375	.953	0.180	8.5	28
LDF4	L4PNM-RC	L4PNF-RC	.5	1.27	0.103	13.2	44
LDF4.5	L4.5PNM-RC	L4.5PNF-RC	.625	1.56	0.0734	19.7	65
LDF5	L5PNM-RC	L5PNF-RC	.875	2.22	0.0587	26.2	86
LDF6	L6PNM-RC	L6PNF-RC	1.25	3.75	0.0431	35	115
LDF7	L7PNM-RC	L7PNF-RC	1.625	4.13	0.0372	42	138.3
LDF12	L12PNM-RC	L12PNF-RC	2.25	5.72	0.0312	50.2	164.7

\* Part of standard 10-meter cable kit.

# Product Overview



The 9570 Portable Dock expands the capabilities of the 9500 Portable Phone while providing the flexibility of a transportable unit. You can use the 9570 Portable Dock as:

- a desk phone in permanent or temporarily fixed installations when used with an external fixed mast antenna
- a marine unit, mounted inside a boat or ship and connected to a fixed mast antenna and cable
- a lightweight transportable unit powered by two optional batteries, when you need the functionality and features of the 9570 Portable Dock, but AC power is not available
- a vehicular unit, when you need the functionality and features of the 9570 Portable Dock in a stationary vehicle

## ***Cradle for Docking the 9500 Portable Phone***

The 9500 Portable Phone is intended to be used with the 9570 Portable Dock (available separately). When docked, the 9500 Portable Phone operates with the 9570 Portable Dock as a single unit.

## ***Corded Handset***

Use the corded handset for placing and receiving private calls with the 9570 Portable Dock.

## ***Auxiliary SIM Card Slot***

The auxiliary Subscriber Identity Module (SIM) card slot enables several people to share a 9570 Portable Dock by using their SIM cards to charge calls to their own accounts.

## ***Battery Tray***

The battery tray can hold two 9500 Portable Phone standard or high capacity batteries (available separately). You can use the battery tray for:

- charging batteries
- using charged batteries as the 9570 Portable Dock's power source (providing battery backup if external power is lost)

The 9570 Portable Dock and the 9500 Portable Phone both use the same types of batteries (except the Ultra High Capacity Battery).

**Note:** The Ultra High Capacity Battery is not an approved battery for the 9570 Portable Dock. However, the 9570 Portable Dock will charge an Ultra High Capacity Battery that is inserted in a docked 9500 Portable Phone.



## **9570 Portable Dock Keys**

### **Volume Control Keys**

Use the up and down volume control keys (▲ and ▼) to:

- adjust handset volume during a private call
- adjust speaker volume during a speakerphone call

### **Mute Button**

Use the mute button (🔇) to:

- mute the handset during a private call (when the handset is off the hook)
- mute the 9570 Portable Dock during a speakerphone call

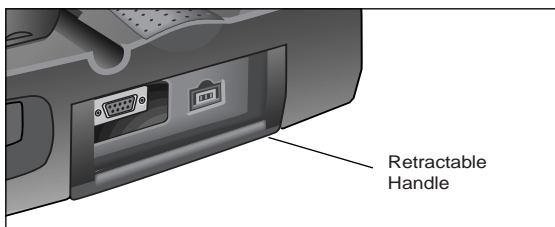
See “Muting a Call” on page 46 for additional information.

### **Auxiliary SIM Card Release Button**

Use the release button to eject an auxiliary Subscriber Identity Module (SIM) card from the auxiliary SIM card slot.

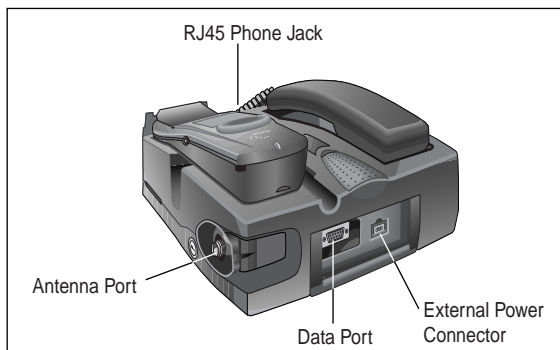
### **Retractable Handle**

Use the retractable handle to carry the 9570 Portable Dock. See “Using the Retractable Handle” on page 50 for additional information.



## ***Peripheral Connections***

The 9570 Portable Dock includes several peripheral connections.



### ***RJ45 Phone Jack***

The RJ45 phone jack connects the passive (corded) handset to the 9570 Portable Dock.

### ***External Power Connector***

The external power connector links the 9570 Portable Dock to an external power source, such as the 9570 Portable Dock AC Wall Charger or the 9570 Portable Dock Vehicle Charger.

### ***Data Port Connector***

The data port connector is reserved for future use.

### ***Antenna Port***

The antenna port connects to the coaxial cable, which is attached to an external antenna.

# *Setting Up the 9570 Portable Dock*

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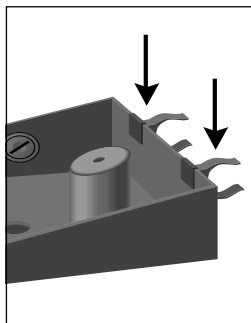
## **In this chapter you will learn how to:**

- attach the mounting base to a horizontal or vertical surface, and lock the 9570 Portable Dock to the mounting base
- attach and remove an external antenna
- connect the 9570 Portable Dock to an external power source
- install and charge batteries
- read the battery charge level LEDs

# Mounting the Unit to a Fixed Surface

## Attaching the Antenna Clips

1. Locate the two antenna clips.
2. Attach the first clip to the mounting base:
  - a. Position the clip above one of the cutouts at the end of the mounting plate.
  - b. Push the clip down onto the cutout until it snaps into place.
3. Repeat step 2 to attach the second antenna clip.



## Attaching the Mounting Base

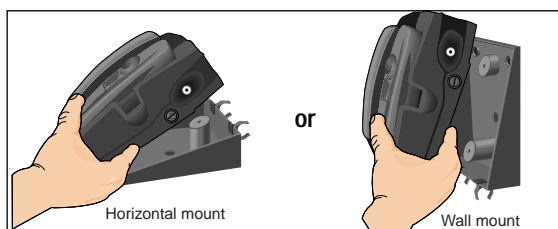
1. If mounting to a wall, ensure that the wall is strong enough to support the combined weight of the 9570 Portable Dock and the 9500 Portable Phone (approximately 4.2 lbs.).
2. Position the mounting base with the hollow side out.
  - If mounting to a wall, position the base with the antenna clips at the bottom.
  - If mounting to a horizontal surface, position the base with the antenna clips at the top (away from you).
3. Using the mounting base as a template, mark the locations of the holes for the mounting screws.
4. Remove the mounting base, and use an awl or similar device to start the holes at the marked location.

5. Drill the holes.
6. Attach the mounting base to the surface.

To prevent damage to the mounting base, do not over-tighten the mounting screws.

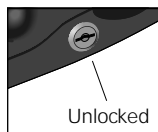
## ***Attaching and Locking the 9570 Portable Dock***

1. Attach the bottom of the 9570 Portable Dock to the mounting plate.

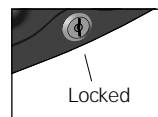


2. Lock the 9570 Portable Dock to the mounting plate:

- a. Insert the key into the lock at the end of the mounting plate.



- b. Turn the key clockwise.



## Connecting the External Antenna

You must connect the 9570 Portable Dock to an external antenna—either a fixed mast antenna installed on a building or boat, or a mobile antenna installed in a vehicle. The antenna enables the 9570 Portable Dock to communicate with the satellite network.

### **To connect the antenna:**

1. Read and follow the instructions in the appropriate installation guides (10-meter cable installation guide, custom cable kit installation guide, mobile antenna installation guide) to install the antenna, optional cable system, lightning arrestor/surge protector, and any other antenna equipment.
2. Attach the antenna cable connector by pushing it onto the coupler on the side of the 9570 Portable Dock and turning it clockwise until tight.

**Important:** Be sure to leave enough slack in the cable to allow the coupler to be swiveled freely back and forth.

### **To disconnect the antenna:**

1. Turn the antenna cable connector counterclockwise.
2. Pull the connector free.

# Providing Power to the 9570 Portable Dock

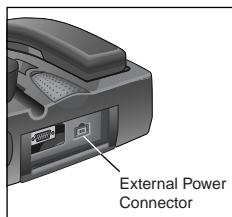
The 9570 Portable Dock can use batteries or power from an external power source.

Battery operation requires one battery in the docked 9500 Portable Phone and at least one battery in the 9570 Portable Dock. The 9570 Portable Dock and the 9500 Portable Phone both use the same standard or high capacity batteries (except the Ultra High Capacity Battery).

**Note:** The Ultra High Capacity Battery is not an approved battery for the 9570 Portable Dock.

## Connecting to an External Power Source

1. Plug the connector from the AC Wall Charger or Vehicle Charger into the matching connector on the 9570 Portable Dock.



2. Plug the connector at the other end of the AC Wall Charger or Vehicle Charger into the appropriate power source.

When the 9570 Portable Dock is connected to an external power source, all batteries in the 9570 Portable Dock and the docked 9500 Portable Phone are charged. Charging times are the same as with other Satellite Series chargers.

During operation, the 9570 Portable Dock always uses power from an external source, if available, rather than battery power. If it loses external power, it switches to battery power (if batteries are installed) with no interruption of service.

## ***Installing Batteries in the 9570 Portable Dock***

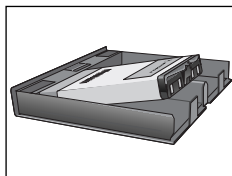
To insert the batteries:

- 1.** Open the battery drawer:
  - a.** Grasp the underside of the drawer.
  - b.** Pull the drawer outward.

The snap latch will release, and the drawer will slide open.

- 2.** Insert the first battery:

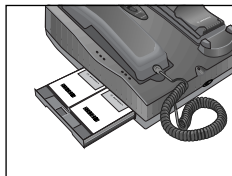
- a.** Hold the battery with the label facing up and the gold connectors pointed toward the back of the drawer.



- b.** Insert the battery, bottom first, into the drawer.
- c.** Press the battery downward until it latches into place.

- 3.** Repeat step 2 to install the second battery.

- 4.** Push the drawer back in until it latches into place.





## ***Charging Batteries***

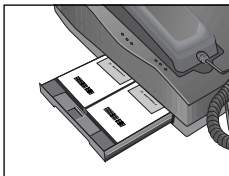
To charge batteries:

1. Insert the 9570 Portable Dock batteries.  
(Refer to "Installing Batteries in the 9570 Portable Dock" on page 24.)
2. If you want to charge the 9500 Portable Phone's battery, make sure the phone is docked. (Refer to "Docking and Undocking the Phone" on page 34.)
3. Connect the 9570 Portable Dock to an external power source. (Refer to "Connecting to an External Power Source" on page 23.)

### ***Battery Charging Order***

The 9570 Portable Dock charges batteries in this order:

- 9500 Portable Phone Battery
- Battery 1 (at the top of the drawer, nearest the top end of the 9570 Portable Dock)
- Battery 2 (at the bottom of the drawer)

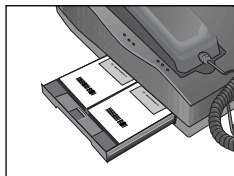


If the 9570 Portable Dock is plugged into an external power source, it draws its power from that source rather than from batteries.

### ***Discharging Sequence***

Batteries are discharged in this order:

- Battery 2 (at the bottom of the drawer, nearest the lower end of the 9570 Portable Dock)
- Battery 1 (at the top of the drawer)



### ***Maintenance Charging***




The 9570 Portable Dock batteries and the 9500 Portable Phone battery maintain their power as long as the 9570 Portable Dock is connected to an external power source.

### ***Checking Battery Charge Levels***

Two sets of light-emitting diode (LED) indicators on the 9570 Portable Dock show the charge levels of its two batteries.

**When Are Battery Charge LEDs Active?**

The battery charge LEDs are active at different times:

Scenario	LED Status
You connect the 9570 Portable Dock to an external power source.	LEDs continuously indicate battery charge status.
There is no external power source. <b>and</b> The 9500 Portable Phone is powered off.	LEDs do not light.
There is no external power source.  <b>and</b> The 9500 Portable Phone is first turned on.	LEDs light continuously until the 9570 Portable Dock completes its turn-on and synchronizing activities.  After synchronization, the LEDs indicate battery charge status for twenty seconds. (The LEDs then turn off to conserve energy.)
You remove the handset from the cradle.	LEDs indicate battery charge status for eight seconds.
Press the  or  volume control keys.	
Press the  button.	

LEDs do not light when no battery is installed.

## ***What Do the Battery Charge LEDs Indicate?***

The table below shows the battery charge levels indicated by the LEDs.

LED	Steady or Flashing	Battery Status	
		While Charging	While Discharging
Green	steady	95-100% charged	discharging
	flashing	N/A	fully charged; will be used when first battery is depleted
Yellow	steady	N/A	discharging; low battery
	flashing	waiting to charge	N/A
Red	steady	charging	no power
	flashing	error; battery bad or not an approved battery	error; battery bad or not an approved battery

When the first battery is charged to 95% of its full capacity, the green LED lights steadily. Charging the battery to 100% capacity may require an additional hour. During that time, the green LED for the charging battery lights steadily, and the yellow LED for the second battery flashes.

## ***Battery Capacities***

<b>Talk or Standby Time</b>	<b>Two High Capacity Batteries</b>	<b>Two Standard Batteries</b>
Corded Handset Talk Time	8 hrs.	5 hrs.
Speakerphone Talk Time	3 hrs.	2 hrs.
Standby	27 hrs.	15 hrs.

The times listed in the table above assume the following:

- The 9500 Portable Phone is using an Ultra High Capacity Lithium Ion battery.
- When the phone's High Capacity Lithium Ion battery is depleted, it is replaced with one of the two batteries from the 9570 Portable Dock's battery drawer.

When the 9570 Portable Dock is connected to an external power source, talk and standby times are unlimited.

## ***Low Battery Tone***

The 9570 Portable Dock emits two double beeps to indicate that little charge remains in the last battery. When you hear the tones, the 9570 Portable Dock is about to lose power and shut down operation. Any call in progress will end.

To continue to use the 9570 Portable Dock, replace the discharged batteries, or connect the unit to an external power source.

When you hear the low battery tones:

- 1.** Check the charge levels of the 9570 Portable Dock's batteries by viewing the battery charge LEDs.
- 2.** Check the charge level of the 9500 Portable Phone's battery by viewing the phone's display. (Refer to the *9500 Portable Phone User 's Guide* for details.)
- 3.** Turn off the 9570 Portable Dock's power. (Refer to "Turning the Power Off" on page 39.)
- 4.** Replace the discharged battery(ies).

## ***Conserving Battery Power***

The 9570 Portable Dock includes several features to conserve battery power. When using battery power, the 9570 Portable Dock does the following

- When you turn on the power, the 9570 Portable Dock conserves energy by turning off its battery charge LEDs after completing its synchronization procedure.
- The 9570 Portable Dock conserves energy by automatically entering “sleep” mode whenever it remains idle for several minutes. (Press any key to return the 9570 Portable Dock to a ready state.)
- To conserve energy, the docked 9500 Portable Phone may turn off the backlight in its display when you haven’t pressed a key for several seconds. The light reappears the next time you press a key.

You can conserve battery power by following these suggestions:

- Use an external power source whenever possible.
- When using battery power, turn off the 9570 Portable Dock whenever you are not using it.





# *Using Your 9570 Portable Dock*

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Now that you have set up the 9570 Portable Dock, you can begin to use it with your 9500 Portable Phone.

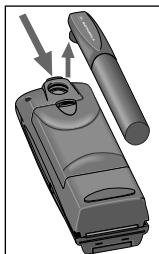
## **In this chapter you will learn how to:**

- dock the 9500 Portable Phone into the 9570 Portable Dock
- turn the 9570 Portable Dock's power on and off
- place an outgoing call
- answer an incoming call
- end a call
- use the 9570 Portable Dock as a speakerphone
- mute/unmute a call
- adjust handset, speaker, and ringer volumes
- use a SIM card with the 9570 Portable Dock
- transport the 9570 Portable Dock
- troubleshoot the 9570 Portable Dock when it doesn't operate as expected

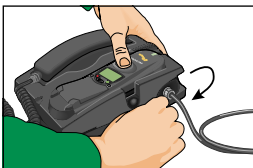
# Docking and Undocking the Phone

## Docking the Phone

1. Remove the phone's antenna:
  - a. Rotate the antenna to the down position.
  - b. Press the button at the top of the phone.
  - c. Grasp the antenna at its pivot point and pull it away from the phone.
2. Store the antenna by snapping it into the clips at the base of the 9570 Portable Dock.
3. Insert the phone into its cradle on the right side of the 9570 Portable Dock:
  - a. Rotate the antenna coupler (at the upper right of the 9570 Portable Dock) to the up position).
  - b. With the phone display facing out, lower the phone into the cradle, coupling the antenna hole at the back of the phone to the antenna connector in the cradle.



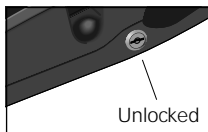
- c. Push the top of the phone firmly against the spring-loaded antenna connector in the cradle, and rotate the antenna coupler down to latch the phone into place. (The phone will slide down slightly as its bottom connector engages.)
- d. Check the bottom end of the phone to make sure it is securely coupled to the 9570 Portable Dock connector.



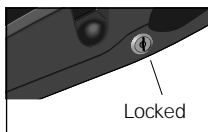
**Note:** If the 9570 Portable Dock has power, it will turn on and complete a synchronization process that may take up to 15 seconds. You may also see a number of power-on messages. (See “Power-On Messages” on page 38.) When synchronization is complete, you can use the unit as described in “Using Your 9570 Portable Dock” on page 33.

**4. Lock the phone into the cradle:**

- a. Insert the key into the lock on the right side of the 9570 Portable Dock.



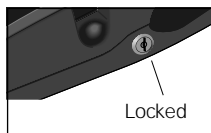
- b. Turn the key clockwise.



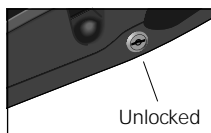
**Important:** *10-Second Rule*—After docking the 9500 Portable Phone, wait at least 10 seconds before undocking it. After undocking the phone, wait at least 10 seconds before docking it. If you fail to follow these instructions, the system may not be ready for normal operation.

## ***Undocking the Phone***

1. If the power is on, turn off the power to the 9570 Portable Dock. (See "Turning the Power Off" on page 39.)
2. Unlock the phone:
  - a. Insert the key into the lock on the right side of the 9570 Portable Dock.

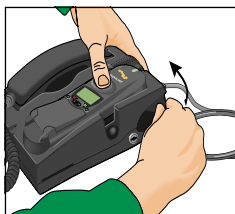


- b. Turn the key counterclockwise.



3. Remove the 9500 Portable Phone from its cradle:

- a. While pushing the top of the phone against the spring-loaded antenna connector in the cradle, rotate the coupler up.




- b. Pull the phone out of the cradle.



# *Turning the Power On and Off*

You must turn on the power to the 9570 Portable Dock before you can place an outgoing call or receive an incoming call.

## ***Turning the Power On***

1. If you want to use an auxiliary SIM card, insert it into the auxiliary SIM card slot now. (Refer to "Using a SIM Card" on page 48.)
2. Press the  key on the docked 9500 Portable Phone.

The 9570 Portable Dock now completes an initialization and synchronization process, which can last up to 15 seconds. You may see a number of power-on messages. (See "Power-On Messages" on page 38.)


The battery charge LEDs light continuously until initialization and synchronization are complete.

If the unit is connected to an external power source, the battery charge LEDs now show battery charge status.

If the unit is using battery power, the battery charge LEDs turn off to conserve energy.

## ***Power-On Messages***

When the 9570 Portable Dock is first turned on, you may see:

<b>Message</b>	<b>Description</b>
Searching ...	The unit is attempting to establish communication with the satellite network.
Rotate Antenna or Orient Antenna	Make sure the antenna has clear access to the sky. You also hear a tone when you see these messages.
Registering	The unit is registering with the satellite network. When the process is complete, you will see <b>Registered</b> .
Enter PIN	Enter the four- to eight-digit SIM card PIN supplied by your service provider, and press  to proceed. If only the phone's SIM card is inserted, enter the PIN for that card. If a SIM card is inserted in the 9570 Portable Dock's auxiliary SIM card slot, enter the PIN for that card.
Invalid Batt.	An unapproved battery has been detected in the phone or the 9570 Portable Dock's battery drawer. You can use the battery for power, but you will not be able to recharge it.
Insert Card	Turn off the unit. Make sure a SIM card is properly inserted in either the 9570 Portable Dock's auxiliary SIM card slot or in the 9500 Portable Phone.


Message	Description
Check Card	The unit detects a SIM card that is damaged or has been inserted incorrectly. (A SIM card in the 9570 Portable Dock's auxiliary SIM card slot must be inserted with the gold plate facing down.)
Blocked	If the phone's SIM card PIN code has been activated, and the code is entered incorrectly three consecutive times, your phone becomes blocked. See the <i>9500 Portable Telephone User's Guide</i> for instructions on unblocking it.
Bad Card See Supplier	The unit detects a SIM card that is damaged or incorrectly issued. Contact your service provider for information.

## ***Standby Mode***

To conserve energy, the docked phone may turn off the backlight in its display when you haven't pressed a key for several seconds. The light reappears the next time you press a key.

## ***Turning the Power Off***

To turn off the 9570 Portable Dock's power:

Press the  key on the docked 9500 Portable Phone.

# Placing a Call

## Placing a Speakerphone Call

1. Verify:
  - The 9500 Portable Phone is properly docked. (See "Docking the Phone" on page 34.)
  - The 9570 Portable Dock's power is turned on.
  - You have inserted a SIM card in either the docked 9500 Portable Phone or the 9570 Portable Dock's auxiliary SIM card slot.
2. Open the flip on the docked 9500 Portable Phone, and press it into the retainers to keep it open.
3. Use the keys on the docked phone to dial the number you want to call.
4. When you see **Call?**, press the **OK** key.
5. When the other party answers, proceed as you would with any other speakerphone call.



Whenever you use the 9570 Portable Dock as a speakerphone, the green speakerphone LED lights steadily.

During a speakerphone call, both parties can talk and listen simultaneously for more natural-sounding conversations.



## ***Placing a Private Call***

**1.** Verify:

- The 9500 Portable Phone is properly docked. (See “Docking the Phone” on page 34.)
- The 9570 Portable Dock’s power is turned on.
- You have inserted a SIM card in either the docked 9500 Portable Phone or the 9570 Portable Dock’s auxiliary SIM card slot.

- 2.** Open the flip on the 9500 Portable Phone, and press it into the retainers to keep it open.



- 3.** Pick up the corded handset.
- 4.** Use the keys on the docked phone to dial the number you want to call.
- 5.** When you see **Call?**, press the **OK** key.
- 6.** When the other party answers, talk and listen through the corded handset.

## Answering a Call

When the 9570 Portable Dock rings, you can answer the call in speakerphone or privacy mode.


**Note:** The 9500 Portable Phone's ringer/vibrator is disabled when the phone is docked.

### ***Answering in Speakerphone Mode***

**1.** Verify:

- The 9500 Portable Phone is properly docked. (See "Docking the Phone" on page 34.)
- The 9570 Portable Dock's power is turned on.
- You have inserted a SIM card in either the docked 9500 Portable Phone or the 9570 Portable Dock's auxiliary SIM card slot.

**2.** When the 9570 Portable Dock rings, do **one** of the following:

- Press the  button on the docked phone.

**or**

- Open the flip on the docked phone.

**or**

- Press any key on the docked phone.

Whenever you use the 9570 Portable Dock as a speakerphone, the green Speaker LED lights steadily.

During a speakerphone call, both parties can talk and listen simultaneously for more natural-sounding conversations.

# Answering in Privacy Mode

To answer a call in privacy mode:

1. Verify:
  - The 9500 Portable Phone is properly docked. (See “Docking the Phone” on page 34.)
  - The 9570 Portable Dock’s power is turned on.
  - You have inserted a SIM card in either the docked 9500 Portable Phone or the 9570 Portable Dock’s auxiliary SIM card slot.
2. Lift the corded handset.

## If the Call Does Not Connect Properly

If the call does not connect properly, you may see one of these messages:


Message	Description
Orient Antenna	Make sure the antenna has clear access to the sky.
Call Failed	The antenna is not properly adjusted or the network signal is not strong enough.

## *Ending a Call*

Your call ends when the other party hangs up or when you do one of the following:

### ***Ending a Speakerphone Call***

To end a speakerphone call, do ONE of the following:

- Press the  button on the docked phone.
- Close the flip on the docked phone.

Whenever you use the 9570 Portable Dock as a speakerphone, the green Speaker LED lights steadily.

### ***Ending a Private Call***


To end a private call:

Replace the corded handset in its cradle.

# *Switching Between Speakerphone and Privacy Modes*

## ***Switching from Privacy to Speakerphone Mode***


To switch to an active private call to a speakerphone call:

1. Press the  button.
2. Replace the corded handset in its cradle. The call immediately switches to speakerphone mode.

To mute the speakerphone call, press  again.

## ***Switching from Speakerphone to Privacy Mode***

To switch from an active speakerphone call to a private call:

1. Press the  button.
2. Pick up the corded handset. The call is automatically unmuted, and switches to privacy mode.

## Muting a Call

You can mute an active call if you need privacy. You will be able to hear the party on the other end, but he or she will not hear you.

Whenever you mute a call, the green Mute LED on the 9570 Portable Dock lights steadily.

### ***Muting a Speakerphone Call***

#### **To mute a speakerphone call:**

Press the  button on the 9570 Portable Dock.

**Note:** If you pick up the corded handset now, the call is automatically unmuted, and switches to privacy mode.

#### **To unmute the call:**

Press  again.

### ***Muting a Private Call***

#### **To mute a private call:**

Press the  button on the 9570 Portable Dock.

**Note:** If you replace the handset in its cradle now, the 9570 Portable Dock automatically unmutes the call and switches to speakerphone mode.

#### **To unmute the call:**

Press  again.

# Adjusting Volume

## Adjusting Handset Volume

While using the corded handset for a private call, you can adjust handset volume with the ▲ and ▼ volume control keys on the 9570 Portable Dock.

## Adjusting Speakerphone Volume

During a speakerphone call, you can use the 9570 Portable Dock's ▲ and ▼ keys to adjust speaker volume.

## Adjusting Ringer Volume

To adjust ringer volume:

1. Press **MENU** on the phone's keypad until you see **Phone Setup**, then press **OK**.
2. Press **MENU** on the phone's keypad to scroll to **Adjust Ring Volume**, then select that option by pressing **OK**.
3. **Increase the volume** by pressing the ▲ key on the 9570 Portable Dock.

**or**

**Decrease the volume** by pressing the ▼ key on the 9570 Portable Dock.

4. To exit the menu, press and hold **C** on the phone's keypad.

## Using a SIM Card

You can use shared SIM (Subscriber Identity Module) cards with the 9570 Portable Dock. A SIM card contains your telephone number, system authentication, service details, and memory for storing Phone Book entries and messages.

You can insert a SIM card in the 9570 Portable Dock, in the 9500 Portable Phone, or both.

Whenever the 9570 Portable Dock needs to access a SIM card, it initially looks for the card in the auxiliary SIM card slot. If it doesn't locate a SIM card in the auxiliary SIM card slot, the 9570 Portable Dock then looks for a card in the 9500 Portable Phone.

If there are SIM cards in both the auxiliary SIM card slot and the phone, the 9570 Portable Dock uses the card in the auxiliary SIM card slot.

**Note:** If you have activated your phone's SIM card PIN code, the card is secure while the phone is docked. No one else can use the phone's SIM card without the card's required PIN security code.

**Note:** You cannot remove a SIM card from the 9500 Portable Phone when the phone is docked and locked.

If neither the phone nor the 9570 Portable Dock contains a SIM card, only emergency calls are allowed. (See the *9500 Portable Phone User's Guide* for more information.)

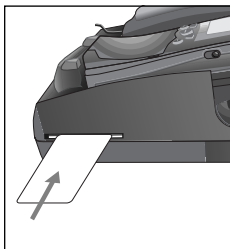


## ***Inserting a SIM Card into the Auxiliary SIM Card Slot***

1. Hold the SIM card with the **gold plate facing down** and toward the slot.

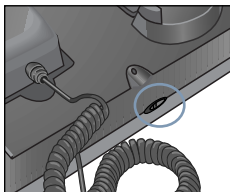
**Note:** When you insert a SIM card into the 9500 Portable Phone, the gold plate on the card faces up. However, when you insert a SIM card into the 9570 Portable Dock, the gold plate faces down.

2. Push the SIM card into the auxiliary SIM card slot as far as it will go, until it clicks into place.



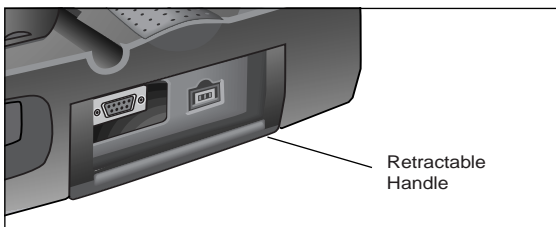
## ***Ejecting a SIM Card from the Auxiliary SIM Card Slot***

1. Push the SIM card release button to the right.
2. Pull the SIM card out of the auxiliary SIM card slot.



# Transporting the 9570 Portable Dock

The 9570 Portable Dock is designed both for fixed installations and for easy transport among sites. The retractable handle makes it easy to carry.



## ***Using the Retractable Handle***

### **To free the retractable handle:**

1. Pull the handle straight down.
2. Swivel the handle out and away from the 9570 Portable Dock.

### **To store the retractable handle:**

1. Swivel the handle down, so that it rests flat against the 9570 Portable Dock.
2. Push up on the handle to lock it in place.

## ***Storing the 9500 Portable Phone Antenna***


Store the 9500 Portable Phone antenna by snapping it into the clips on the 9570 Portable Dock's mounting base.

# Troubleshooting

If your 9570 Portable Dock fails to operate properly, follow these steps:

1. Use this checklist to verify that all parts of the 9570 Portable Dock are connected and working properly:

Symptom	What to Check	Where to Find More Information
You see Rotate Antenna.  You hear chirping sounds.	Is the 9500 Portable Phone docked properly?	" Docking and Undocking the Phone" on page 34
You see Check Card.	Is a SIM card properly inserted in the phone or the auxiliary SIM card slot in the 9570 Portable Dock?	" Using a SIM Card" on page 48
You see Bad Card See Supplier.	Is the SIM card valid?	Contact your Service Provider.
Pressing the phone's power button does not turn on the system.	Is the 9570 Portable Dock getting power? If using battery power: <ul style="list-style-type: none"><li>• Is the 9500 Portable Phone's battery charged?</li><li>• Is the 9570 Portable Dock's battery charged?</li><li>• If the 9570 Portable Dock is connected to an external power source (AC Wall Charger or Vehicle Charger), is that source properly connected?</li></ul>	" Providing Power to the 9570 Portable Dock" on page 23

- 2.** If the 9570 Portable Dock still does not operate properly, remove all power from the system:
  - a.** Turn off the power by pressing the phone's  key.
  - b.** Undock the phone. (See "Undocking the Phone" on page 36.)
  - c.** Remove the battery from the phone.
  - d.** Remove the batteries from the 9570 Portable Dock.
  - e.** If the 9570 Portable Dock is connected to an external power source, disconnect the cable (AC Wall Charger or Vehicle Charger).
- 3.** After 15 seconds, reconnect all power:
  - a.** Reconnect the external power source.
  - b.** Replace batteries.
- 4.** If the problem is not corrected, contact your service provider.

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# Patent Information

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Manufactured under one or more of the following U.S. patents:

4121218	4616314	4741034	D306594	5083304	D337332	D354062	D368696
4138681	4617520	4742562	4912602	D324024	5230007	5384825	5510693
4193036	D286778	D295627	4918732	D324388	5230093	D356084	5511235
4254382	4626309	4746242	4922178	5095503	5233633	5402447	D369162
4302845	4628529	D295973	4945570	D325028	5235492	5406146	5513078
4312074	4629829	D295975	4954796	D325583	5237257	5406562	D369359
4327319	4630304	4751737	4959851	5109536	5239127	D357224	5519303
4329666	4630305	D296187	4963812	D325915	5241545	D357457	5519346
4369516	4633141	4761621	4963843	5113436	5241548	5410741	5524276
4369522	4636593	4764737	4965537	5117450	5241650	D357680	5524278
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D270835	D289156	4798975	D315330	5142551	5260988	D360632	5546380
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D285439	4741018	D306441	5081674	5222251	D354055	5506490	5621763

Other patents pending.

