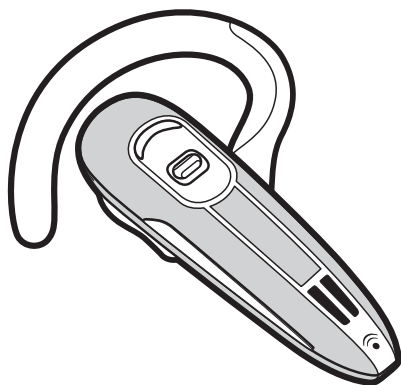




PLANTRONICS.
SOUND INNOVATION™



VOYAGER

— **BLUETOOTH® HEADSET** —

User Guide

VOYAGER

520

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WELCOME

Thank you for choosing the Plantronics Voyager™ 520 headset. To get the most from your new headset, we recommend that you take the following steps:

1. Read this User Guide, including all the safety information at the end of this guide, before you use your headset.
2. If you need assistance, please do the following:
 - Follow the steps in the “Troubleshooting” section on page 15.
 - Contact the Plantronics Technical Assistance Center at www.plantronics.com/support.
3. Visit www.plantronics.com/productregistration to register your headset online so we can provide you with the best possible service and technical support.

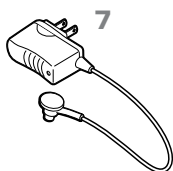
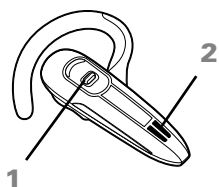
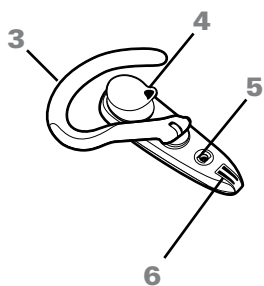
NOTE: If you are considering returning the product, please contact the Technical Assistance Center first.

WHAT IS BLUETOOTH?

Bluetooth wireless technology provides a way for devices to communicate with each other using short-range radio frequency instead of wires. Any two *Bluetooth* devices can communicate as long as they both have *Bluetooth* turned on, they are within range and they have been paired--a quick “handshake” process that connects the two devices.

Bluetooth range is up to 33 feet (10 metres). Obstructions, such as walls or other electronic devices, can cause interference or shorten the effective range. For optimal performance, place your headset and phone on the same side of your body.

PACKAGE CONTENTS & FEATURES



1. Call control button
2. Wind screen
3. Adjustable ear loop
4. Ear tip
5. Charging jack
6. Noise canceling microphone
7. AC charger 100 – 240V
8. Desktop charging cradle

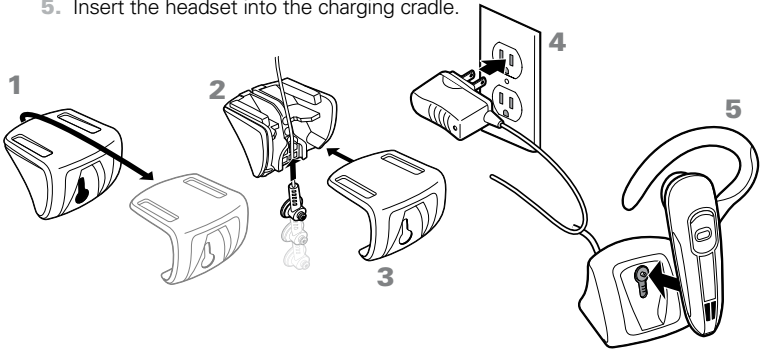
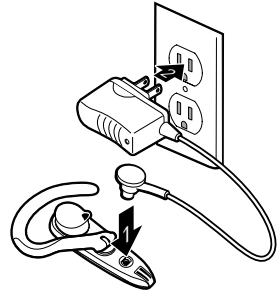
CHARGING

Before you use your headset for the first time, charge it for at least 1 hour. It takes approximately 2 hours to fully charge your headset.

While your headset is charging the indicator glows red. When your headset is fully charged, the indicator turns off.

There are two ways to charge the headset:




- Use the AC charger to connect directly to a power outlet.
- Use the desktop charging cradle with the AC charger.
 1. Turn the charging cradle upside down and slide off the cover.
 2. Insert the AC charger cable into the charging cradle.
 3. Slide the charging cradle cover back into place.
 4. Plug the AC charger into a power outlet.
 5. Insert the headset into the charging cradle.



WARNING: Do not use your headset while it is connected to the charger.

CHECK THE CHARGE LEVEL

When you turn on the headset, the indicator flashes red to show the charge level.

Red Flashes	Battery Level
 1	Less than 1/3 full
 2	1/3 to 2/3 full
 3	More than 2/3 full

PAIRING

Pairing is the process of introducing your headset to your phone. Before using your headset for the first time, you must pair it with your *Bluetooth* phone. Normally you only need to pair your headset with your phone once. To see a demo of the pairing process, visit www.plantronics.com/EasyToPair.

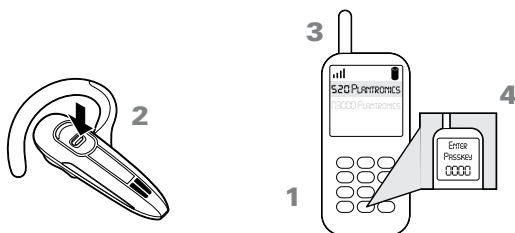
QUICKPAIR™ TECHNOLOGY

Your new headset includes Plantronics QuickPair technology to simplify the *Bluetooth* setup process. The first time you turn your headset on, your headset automatically enters pairing mode for 10 minutes. Once paired successfully, your headset stays on for instant use.

If not successfully paired after 10 minutes, your headset automatically powers off. When you turn the headset on again, it automatically goes into pairing mode until successfully paired with a *Bluetooth* phone.

To pair your headset for the first time:

1. Turn ON the *Bluetooth* feature on your phone.



TIP: For most phones, select Settings/Tools > Connections > *Bluetooth* > On. See your phone's user guide for more information.

2. Press and hold the call control button to turn on your headset. (The indicator flashes red/blue to show that the headset is on and in pairing mode.)

TIP: If you don't see the red/blue flash, press and hold the call control button to turn your headset off, and then press and hold the call control button again until you see the red/blue flash.

3. Use the commands on your phone to locate your headset.

TIP: For most phones, select Settings/Tools > Connections > *Bluetooth* > Search > 520Plantronics. See your phone's user guide for more information.

4. When prompted for the password, enter 0000.

When pairing is successful, the indicator on your headset flashes blue. Your headset is now connected and ready to use.

SUBSEQUENT PAIRING

If you've already paired your headset with another device, or you have trouble pairing your headset, follow these steps:

1. Turn ON the *Bluetooth* feature on your phone.

TIP: For most phones, select Settings/Tools >Connections > *Bluetooth* > On. See your phone's user guide for more information.

2. Turn the headset off by pressing and holding the call control button until the indicator turns red and then turns off.
3. Turn the headset back on by pressing and holding the call control button until the indicator flashes red/blue. The headset is now in pairing mode.
4. Use the commands on your phone to locate your headset.

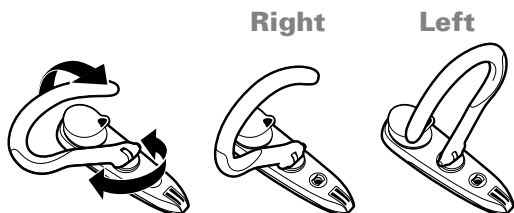
TIP: For most phones, select Settings/Tools > Connections > *Bluetooth* > Search > 520Plantronics. See your phone's user guide for more information.

5. When prompted for the password, enter 0000.

When pairing is successful, the indicator on your headset flashes blue. Your headset is now connected and ready to use.

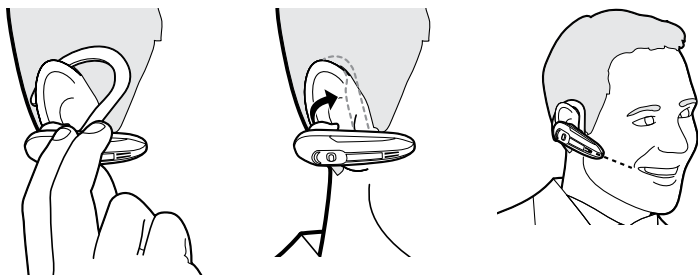
PROPER FIT

1. Lift the ear loop.
2. Swivel the ear loop to the right to wear it on your left ear, or swivel it to the left to wear it on your right ear.


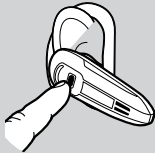



3. Place the ear loop behind your ear.
4. Rotate the headset so that the speaker rests comfortably in your ear.
5. Align the microphone with the corner of your mouth.

TIP: Callers can hear you best when you point the microphone towards the corner of your mouth.



HEADSET CONTROLS

Action	Steps
Turn on the headset	<p>Press and hold the call control button until the indicator glows blue. The indicator then flashes red up to three times to show you the battery charge level.</p> <p>See "Check the charge level" on page 5 for details.</p> 
Turn off the headset	<p>Press and hold the call control button until the indicator glows red. When the power is off, the indicator stays off.</p>
Answer a call	<p>Briefly press the call control button.</p> 
Reject a call	<p>Press the call control button for 2 seconds to reject the call.</p>
End a call	<p>Briefly press the call control button.</p>
Make a call	<p>The call automatically transfers to your headset after you enter the number on your phone and press send.</p>
Adjust volume	<p>Push the call control button up to increase the listening volume or down to decrease the volume.</p> <p>See volume warning on page 18.</p> 
Transfer a call from the headset to the phone	<p>Press and hold the call control button until you hear a long low tone.</p>
Transfer a call from the phone to the headset	<p>Briefly press the call control button.</p>

TIPS

- If you're wearing the headset, you hear ascending tones when the power turns on and descending tones when the power turns off.
- When you receive a call, your phone may ring before your headset rings. Wait until you hear the ring in your headset before you press the call control button to answer the call.
- For best performance, position your phone on the same side of your body as your headset.
- To quickly re-connect to your recently used device that is within range, briefly press the call control button.
- To cancel an outgoing call, briefly press the call control button.
- If your phone supports voice dialling see Hands-Free Features on page 14 for instructions.

INDICATORS

Action	Light	Tone
Charging	Solid red	None
Fully charged	None	None
Low battery	Double red flash every 10 seconds	2 high tones every 30 seconds
Pairing	Flashes red and blue	1 low tone
Paired	Flashes blue	1 low tone
Turning on	Solid blue for 2 seconds	Ascending tones
Standby	Blue flash every 10 seconds	None
Missed call	Flashes purple every 10 seconds	None
Out of range	None	1 high tone
Back in range	1 blue flash	1 low tone
Turning off	Solid red for 4 seconds	Descending tones

TIP: To reset the missed call indicator, press the call control button once.

RANGE

To maintain a connection, keep your headset within 33 feet (10 metres) of the *Bluetooth* device. If there are obstacles between your headset and the device you may experience interference. For optimal performance, place your headset and phone on the same side of your body.

As you move out of range, audio quality degrades. When you are far enough away to lose the connection, you hear a high tone in the headset. The headset attempts to reconnect after 30 seconds. If you move back in range later, you can manually reconnect by pressing the call control button.

NOTE: Audio quality is also dependent upon the device with which the headset is paired.

HANDS-FREE FEATURES

If your phone and your wireless service provider both support hands-free operation, you can use the following features:

Action	Steps
Redial the last number you called	Press the call control button twice. You hear a high tone after each press.
Voice activated dialing	When the headset is on, press and hold the call control button for about 2 seconds until you hear 1 low tone.
Reject a call	When your headset rings, press and hold the call control button for about 2 seconds until you hear 1 low tone.

TIP: When you reject a call the caller goes to voice mail.

MULTIPOINT

Plantronics Voyager 520 supports multipoint technology, which allows you to switch between two different *Bluetooth* audio devices. This enables you to use one headset between two different phones.

PAIR ANOTHER *BLUETOOTH* DEVICE

Repeat the pairing steps with the new device. See “Subsequent Pairing” on page 7 for instructions.

INITIATE A CALL

The headset initiates a call on the device you most recently used. To use the second phone, initiate the call using the controls on the second phone. The second phone forms a link with the headset.

ANSWER A CALL

An incoming call from either phone rings through to your headset.

- To answer a call, press the call control button.

ANSWER A CALL WHILE TALKING ON THE OTHER DEVICE

To answer the second call, the first call must be terminated. There is no function for placing one call on hold while answering another call from the headset.

- Press the call control button once to hang up the existing call, and then press the call control button again to answer the new call from the other phone.
- Wait for the beep and then answer the second call by pressing the call control button again.

If you choose not to answer the second call, and you have voice mail on the second device, the call will go to voice mail.

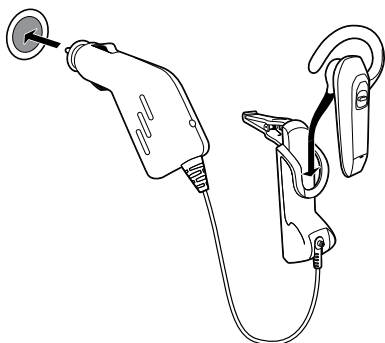
ACCESSORIES AVAILABLE FOR PURCHASE



**USB charging cable
model # 69519-01**



**Vehicle power charger
model #69520-01**



**Vent clip cradle
model #72323-01**

To order, please contact your Plantronics supplier or go to www.plantronics.com.

TROUBLESHOOTING

Problem	Solution
My headset does not work with my phone.	Ensure that the headset is fully charged. Make sure headset is paired with the phone you are trying to use. Headset was not in discovery mode when mobile phone menu selections were made. See "Pairing" on page 6. Incorrect menu selections were made on your mobile phone. See "Pairing" on page 6.
Your phone did not locate the headset.	Turn both your phone and headset off and on, and then repeat the pairing process on page 6.
I could not enter my password.	Turn both your phone and headset off and on, and then repeat the pairing process on page 6.
I cannot hear caller/dialing tone.	The headset is not turned on. Press the call control button for approximately 2 seconds until you hear a tone or see the indicator glow blue. Your headset is out of range. Move the headset closer to the phone or <i>Bluetooth</i> device. Your headset battery is drained. Charge your battery. See "Charging" on page 5. The listening volume is too low. Push the call control button up to increase the sound you hear in the headset.

PRODUCT SPECIFICATIONS

Talk time*	battery enables up to 8 hours
Standby time*	battery enables up to 180 hours
Charge time	2 hours for full charge
Range	up to 33 feet (10 metres)
Headset weight	16 grams

Power requirements

Battery type	Lithium ion polymer
Storage/ Usage Temperature	50F–104F (10C – 40C)
Version	<i>Bluetooth 2.0</i>
<i>Bluetooth Profiles:</i>	Headset Profile (HSP) for talking on the phone. Hands-free Profile (HFP) for talking on the phone and operating the phone.







* Performance may vary by device. Headset can last up to four days without charging, based on average talk time of 1.5 hours per day.

TECHNICAL ASSISTANCE

The Plantronics Technical Assistance Center (TAC) is ready to assist you. Visit us on the web at www.plantronics.com/support. You can also call the Technical Assistance Center for accessibility information. From Australia call: 1800 793 150; from New Zealand call: 00 800 5444 6600.

MODEL & COUNTRY INFORMATION

See package for product model number and refer to the table below for approved use.

	<input checked="" type="checkbox"/> AUT, BEL, DEU, DNK, ESP, FRA, GRC, ITA, IRL, LUX, NLD, PRT, SWE, FIN, CYP, CZE, EST, HUN, LVA, LTU, MLT, POL, SVK, SVN.	 
	<input checked="" type="checkbox"/> GBR	
	<input checked="" type="checkbox"/> United States, Canada	
	<input checked="" type="checkbox"/> Australia, New Zealand	

LIMITED WARRANTY

This warranty covers defects in materials and workmanship of products manufactured, sold or certified by Plantronics which were purchased and used in the United Kingdom. The warranty lasts for one year from the date of purchase of the products.

This warranty extends to you only if you are the end user with the original purchase receipt.

We will, at our discretion, repair or replace the products that do not conform to the warranty. We may use functionally equivalent reconditioned/refurbished/remanufactured/pre-owned or new products or parts.


To obtain service contact Plantronics: from Australia call: 1800 793 150 or 1800 428 526; from New Zealand call: 00 800 5444 6600.

THIS IS PLANTRONICS' COMPLETE WARRANTY FOR THE PRODUCTS.

This warranty gives you specific legal rights and you may also have other rights depending on your location. Please contact your dealer or our service centre for the full details of our limited warranty, including items not covered by this limited warranty.

IMPORTANT SAFETY AND OPERATIONAL INFORMATION

Please read the following safety and operational instructions before using your *Bluetooth* headset. Keep these instructions for future reference. When using your *Bluetooth* headset, these basic safety precautions and warnings should be followed to reduce the risk of fire, electric shock, injury to persons and damage to property.

This symbol  identifies and alerts the user to the presence of important safety warnings.

WARNINGS

- CHILDREN. Never allow children to play with the product – small parts may be a choking hazard.
- Check local laws regarding use of a mobile phone and headset while driving. If you use the headset while driving, ensure your attention and focus remain on driving safely.
- Observe all signs that require an electrical device or RF radio product to be switched off in designated areas, such as hospitals, blasting areas, potentially explosive atmospheres and aircraft. On aircraft, obey the airline regulations for use of wireless equipment.
- To reduce the risk of electric shock, explosion or fire use only the supplied charger or Class 2 AC adapter to charge the headset. Ensure that the voltage rating (e.g. 120v, 60 Hz) corresponds to the power supply you intend to use.
- Do not disassemble the AC adapter as this may expose you to dangerous voltages or other risks. Incorrect reassembly can cause electric shock or fire when the product is subsequently used.

- Do not insert anything into the product because this may cause damage to the internal components or cause injury to you.
- Avoid contact with liquids. Do not locate this product near water, for example, near a bath or sink, in a wet cellar or near a swimming pool.
- Discontinue use of product and contact Plantronics if the product overheats, has a damaged cord or plug, if the product has been dropped or damaged, or if the product has come into contact with liquids.
- Exposure to high volume sound levels may damage your hearing. Although there is no single volume setting that is appropriate for everyone, you should always use your headset or headphones with the volume set at moderate levels and avoid prolonged exposure to high volume sound levels. The louder the volume, the less time is required before your hearing could be affected. You may experience different sound levels when using your headset or headphones with different devices. The device you use and its settings affect the level of sound you hear. If you experience hearing discomfort, you should stop listening to the device through your headset or headphones. To protect your hearing, some hearing experts suggest that stop listening to the device through your headset or headphones. To protect your hearing, some hearing experts suggest that you:
 1. Set the volume control in a low position before putting the headset or headphones on your ears.
 2. Limit the amount of time you use headsets or headphones at high volume.
 3. Avoid turning up the volume to block out noisy surroundings.
 4. Turn the volume down if the sound from the headset or headphones prevents you from hearing people speaking near you. See www.plantronics.com/healthandsafety for more information on headsets and hearing.

BATTERY WARNINGS

To reduce the risk of fire or injury to persons, read and follow these instructions.

- Charge the headset according to the instructions supplied with the unit.
- Do not expose the battery to high temperatures.
- Do not puncture or otherwise damage the battery. The cell contains corrosive materials which may damage eyes and skin and may be toxic if swallowed.
- Do not short-circuit the battery, as this may result in a sudden rise in temperature.
- Do not incinerate the battery.
- Never put batteries in mouth. If swallowed, contact your physician or local poison control center.
- Dispose or recycle the battery according to local and regional regulatory requirements.

REGULATORY NOTICES

FCC REQUIREMENTS PART 15

Operation is subject to the following two conditions:

1. This device may not cause harmful interference.
2. This device must accept any interference received, including interference that may cause undesired operation.

This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to Part 15 of the FCC Rules.

These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses, and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications.

However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception which can be determined by turning the radio or television off and on, the user is encouraged to try to correct interference by one or more of the following measures:

1. Reorient or relocate the receiving antenna.
2. Increase the separation between the equipment and receiver.
3. Connect the equipment into an outlet on another circuit.
4. Consult the dealer or an experienced radio/TV technician for help.

EXPOSURE TO RADIO FREQUENCY RADIATION

This device and its antenna must not be collocated or operated in conjunction with any other antenna or transmitter. To comply with FCC RF exposure requirements, only use supplied antenna. Any unauthorized modification to the antenna or device could void the user's authority to operate this device.

INDUSTRY CANADA RADIO EQUIPMENT

The term "IC:" before the radio certification number only signifies that Industry Canada technical specifications were met. Operation is subject to the following two conditions: (1) this device may not cause interference, and (2) this device must accept any interference, including interference that may cause undesired operation of the device. "Privacy of communications may not be ensured when using this telephone." This product meets the applicable Industry Canada technical specifications of the RSS210.



N10687



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Patents U.S. 5,210,791 and Patents Pending

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