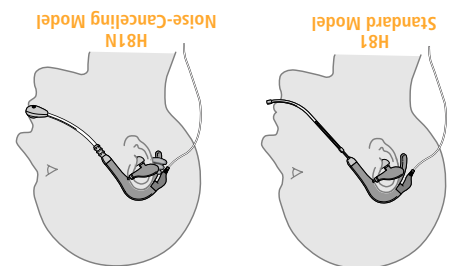


* Polaris models connect directly to most headset ready telephones.

Model	H81	H81N	P81	P81N
Headset Type	Standard Voice Tube Headset	Noise-Cancelling Headset	Polaris® Voice Tube Headset	Polaris® Noise-Cancelling Headset

Thank you for selecting the TriStar headset. It is designed to be used with Plantronics amplifiers that have Quick Disconnect™ connector or compatible headset ready telephones and consoles. You will experience a level of comfort and on-the-job freedom that will make your job easier than ever before. Worn on one ear, the TriStar headset features a unique three contact support system for a secure fit no matter how much you move around. And it's lightweight for maximum comfort throughout the day. Open this user guide to the Quick Start instructions to set up your headset and ready it for use. Later you can use the Maintenance and Troubleshooting section for further guidance and assistance.

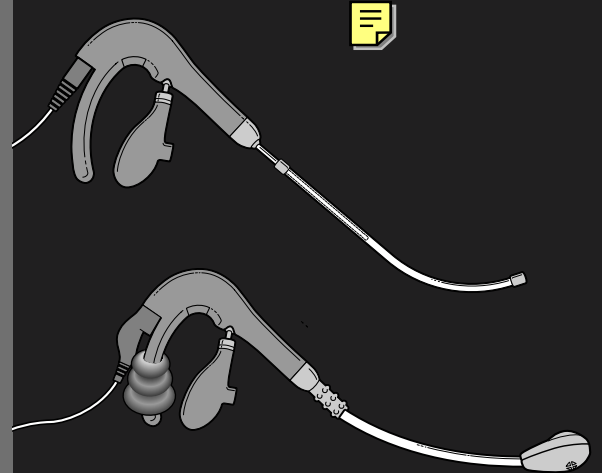


WELCOME to the Family of Headsets

TRISTAR®

Family of Headsets

- H81
- H81N
- P81
- P81N


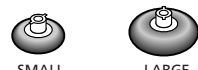
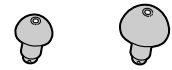


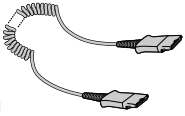

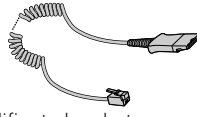


Quick Start User Guide



- Maintenance Hints for Optimum Performance**
- Replace voice tube every 6-9 months (voice tube models only).
 - Replace earbuds every six months.
 - Clean cable with a moist cloth once a month. (Do not use solvents or a wet cloth.)
- Troubleshooting**
- For voice tube models determine if the voice tube is positioned improperly. Try various other positions.
 - To determine if the voice tube is clogged, remove the voice tube and see if the caller can hear you. If the caller can hear you the voice tube was clogged.
 - For a temporary solution to a clogged voice tube, gently rinse warm water through the voice tube for a minute then manually swing or shake it dry. Make sure the voice tube is completely dry before reattaching. *Plantronics recommends replacing the voice tube every 6-9 months.*
 - For noise-cancelling models make sure the microphone is facing your mouth and positioned properly.
 - Verify that the transmit volume control of the amplifier is set properly.
- I cannot hear callers**
- Verify that the Quick Disconnect is connected.
 - Make sure the earbud is positioned properly.
 - Make sure the modular adapter is installed correctly.
 - Turn up the volume control on the amplifier.
 - Change the amplifier's configuration switch to a different position.
- Earpiece is uncomfortable**
- Determine if the earloop is properly positioned on your ear.
 - Remove the optional stabilizer cushion.
 - Try other earbuds for optimal fit.
 - Try all possible adjustments for the receiver arm (side to side, up and down, in and out).

MAINTENANCE/TROUBLESHOOTING

<p>Voice Tube P/N 29960-01</p> <p>The voice tube should be replaced every six to nine months.</p> 	<p>Belltip with Cushion</p> <p>SMALL P/N 29955-03</p> <p>LARGE P/N 29955-04</p> 
<p>Softip</p> <p>SMALL P/N 29955-01</p> <p>LARGE P/N 29955-02</p> <p>Available in packages of 4 or 10.</p> 	<p>Clothing Clip P/N 29961-01</p> <p>Attaches to headset cord, keeping headset stabilized and comfortably in place.</p> 
<p>Cushions for Belltips</p> <p>SMALL P/N 29955-05</p> <p>LARGE P/N 29955-06</p> <p>Ear cushions should be replaced every six months (or sooner, if soiled).</p> 	<p>Extension Cord P/N 40703-01</p> <p>For extra long reach and mobility— connects in seconds to quick disconnect modules.</p> 
<p>Stabilizer Cushion P/N 41925-01</p> <p>Improves general comfort of headset by better securing earloop behind ear.</p> 	<p>Cable to Quick Disconnect P/N 26716-01</p> <p>Connects amplifier to headset. Replace when worn.</p> 

Information on Accessories

Call Plantronics or visit our website at www.plantronics.com

Plantronics Inc. 345 Encinal Street, Santa Cruz, CA 95060 (800) 544-4660 www.plantronics.com

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Patents: U.S. 5,259,780, 5,761,298, D375,959 and D379,990; Canada 78200; China 95319003.X; Germany M9508557.2; Japan 971359; UK 2051288

Printed in USA. 49697-01 (08-02)

What does this warranty cover?

This warranty covers any defects in workmanship or materials in this product purchased in the U.S. or Canada. For warranty information in other countries, contact your local distributor. This warranty runs for two years from the date of purchase.

How long does the coverage last?

This warranty runs for two years from the date of purchase.

What will Plantronics do?

If the product is found defective, we will exchange it at no charge.

What does this warranty NOT cover?

Damage caused by, or performance problems resulting from, using this product with a non-Plantronics amplifier and/or connector cable, accident, abuse, misuse, or an act of God (such as a flood) are not covered. Implied warranties, including those of merchantability, fitness for a particular purpose and non-infringement shall (a) have no duration greater than two years from the date of purchase, (b) terminate automatically at the end of that period, and (c) to the extent permitted by law, be excluded. Consequential and incidental damages, including without limitation, loss of property and those arising from breach of any express or implied warranty, are not the responsibility of Plantronics, and to the extent permitted by law, are excluded. Some states do not allow exclusion or limitation of incidental or consequential damages, so the above exclusion may not apply to you.

How do you get service?

To obtain service in the U.S. contact Plantronics at (800) 544-4660 and in Canada call (800) 540-8363.

How do state laws apply?

This warranty gives you specific legal rights, and you may also have other rights, which vary from state to state.

WARRANTY AND SERVICE

FCC REGISTRATION & INFORMATION

FCC Requirements—Part 68

This equipment complies with Part 68 of the FCC rules. On the baseline underside is a label that contains, among other information, the FCC registration number and ringer equivalence number (REN) for this equipment. If requested, this information must be provided to the telephone company. The telephone company may make changes in its facilities, equipment, operation or procedures that could affect the operation of the equipment. If this happens, the telephone company should provide you advance notice in order for you to make the necessary modifications to maintain uninterrupted services.

If you experience problems with your headset, please refer to the warranty section for information on warranty and repair service. If the problem is causing harm to the telephone network, the telephone company may request that you remove the equipment until the problem is resolved. In extreme cases, the telephone company may be forced to disconnect your service before notifying you of the problem.

Plantronics Technical Assistance Center

The Plantronics Technical Assistance Center (TAC) is ready to assist you! Dial **(800) 544-4660 x5538** Sunday 5 p.m. through Friday, 5 p.m. Pacific Standard Time or visit the *Support* section of our website at www.plantronics.com.

For accessibility information also call the Technical Assistance Center (TAC).

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LIMITED WARRANTY

What does this warranty cover?

This warranty covers any defects in workmanship or materials in this product purchased in the U.S. or Canada. For warranty information in other countries, contact your local distributor.

How long does the coverage last?

This warranty runs for two years from the date of purchase.

What will Plantronics do?

If the product is found defective, we will exchange it at no charge.

What does this warranty NOT cover?

Damage caused by, or performance problems resulting from, using this product with a non-Plantronics amplifier and/or connector cable, accident, abuse, misuse, or an act of God (such as a flood) are not covered. Implied warranties, including those of merchantability, fitness for a particular purpose and non-infringement shall (a) have no duration greater than two years from the date of purchase, (b) terminate automatically at the end of that period, and (c) to the extent permitted by law, be excluded. Consequential and incidental damages, including without limitation, loss of property and those arising from breach of any express or implied warranty, are not the responsibility of Plantronics, and to the extent permitted by law, are excluded. Some states do not allow exclusion or limitation of incidental or consequential damages, so the above exclusion may not apply to you.

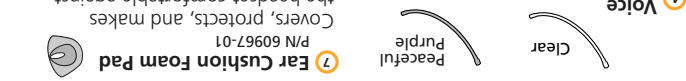
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How do state laws apply?

This warranty gives you specific legal rights, and you may also have other rights, which vary from state to state.

PARTS & ACCESSORIES



7 Ear Cushion Foam Pad P/N 60967-01
Covers, protects, and makes the headset comfortable against the ear. Replace every six months.

4 Voice Tube P/N 29960-01 P/N 29960-50
The voice tube should be replaced every six to nine months.

2 Earloop P/N 60965-01
Attaches to headset and used to keep the headset stabilized and comfortable for over-the-ear use.

11 Headband P/N 60966-01
Attaches to headset and used to stabilize and comfortable for over-the-head use.

14 Neckband P/N 62800-01
Attaches to headset and used to keep the headset stabilized and comfortable for behind-the-head use.

Extension Cable P/N 40703-01
For extra long reach and mobility—connects in seconds to Quick Disconnect modules (10 ft.).

Cable to Quick Disconnect (QD) P/N 26716-01
Connects amplifier to headset. Replace when worn (10 ft.).

For Polaris models, Cable to QD P/N 27190-01
Connects directly to headset port of compatible headset ready telephones (10 ft.).

Clothing Clip P/N 43220-01
Attaches to headset cable to keep headset stabilized and comfortably in place.

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Patents: U.S. D455,732 and D457,155; Australia 146644 and 146645; UK 2104918 and 2104921
Printed in USA. 60908-01 (08-02)

Maintenance for Optimum Performance

- Replace voice tube **4** every 6-9 months (voice tube models only).
- Replace ear cushion **7** every six months.
- Clean cable **6** with a damp cloth once a month. (Do not use solvents or wet cloth.)

Troubleshooting

Callers cannot hear me

- For voice tube models determine if the voice tube is positioned improperly. Try various other positions.
- To determine if the voice tube is clogged, remove the voice tube and see if the caller can hear you. If the caller can hear you the voice tube is clogged. For a temporary solution to a clogged voice tube, gently rinse warm water through the voice tube for a minute then manually swing or shake it dry. Make sure the voice tube is completely dry before reattaching. *Plantronics recommends replacing the voice tube every 6-9 months.*
- For noise-canceling models make sure the microphone boom **5** is facing your mouth and positioned properly.
- Verify that the transmit volume control of the amplifier is set properly.

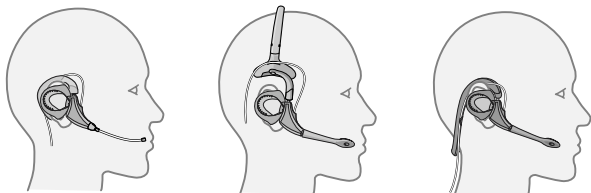
I cannot hear callers

- Verify that the Quick Disconnect is connected.
- Make sure the headset is positioned properly.
- Make sure the modular amplifier, if used, is installed correctly.
- Turn up the volume control on the amplifier, if used.
- Change the amplifier's configuration switch to a different position.

Fit is uncomfortable

- For over-the-ear configurations, determine if the earloop **2** is properly positioned on your ear.
- For over-the-head configurations, make sure the headband **11** length is correct so the stabilizer bars **12** rest gently just above the ear.
- Try all possible adjustments for the headset receiver **1** in all the configurations. See Section 4, Adjust the Headset on the inside of this brochure for more information.

WELCOME to the DuoPro Family of Headsets



H151 Over-the-Ear (OTE) Configuration
H161N Over-the-Head (OTH) Configuration
H181N Behind-the-Head (BTH) Configuration

Thank you for selecting the DuoPro headset in one or more of its three possible wearing configurations. It is designed to be used with Plantronics amplifiers that have Quick Disconnect™ or compatible headset ready telephones and consoles.

Open this user guide to the Quick Start instructions to set up your headset and ready it for use. Later you can use the Maintenance and Troubleshooting section for further guidance and assistance. *No tools are required to change wearing configurations.*

Headset Type	Over-the-Ear (OTE) Headset	Over-the-Head (OTH) Headset	Convertible (OTE & OTH) Headset	Behind-the-Head (BTH) Headset
Voice Tube	H151	H161	H171	H181
Noise-Canceling	H151N	H161N	H171N	H181N
Polaris* Voice Tube	P151	P161	P171	P181
Polaris* Noise-Canceling	P151N	P161N	P171N	P181N

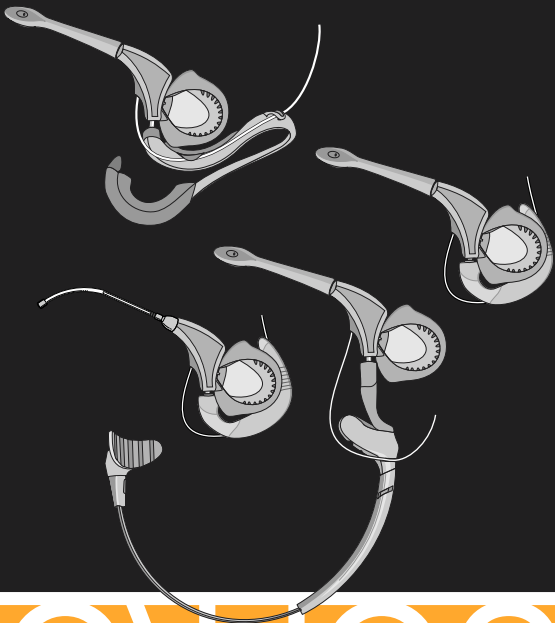
* Polaris models connect directly to most headset ready telephones.

DuoPro

Family of Headsets

Quick Start User Guide

World Leader in Communications Headsets
PLANTRONICS



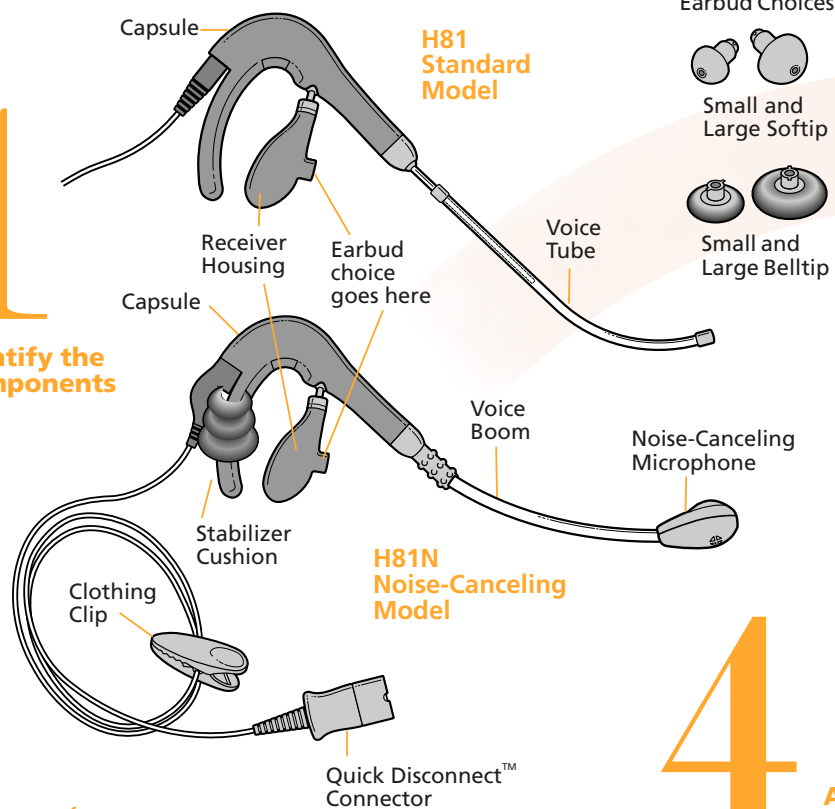
H151
P151
P151N
H161
H161N
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P161N
H171
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H181
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P181N

TRISTAR® FAMILY OF HEADSETS

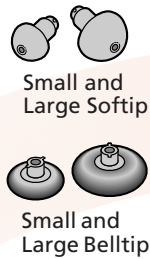
Use these steps to get set up quickly:

1

Identify the Components

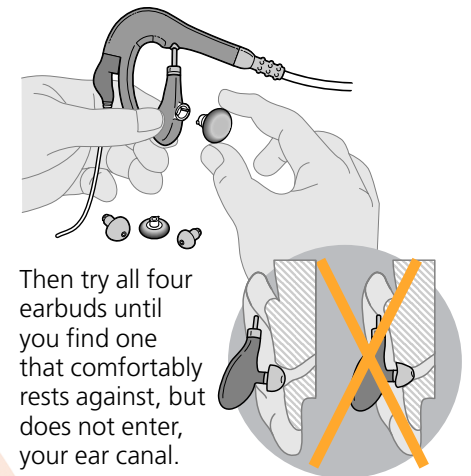
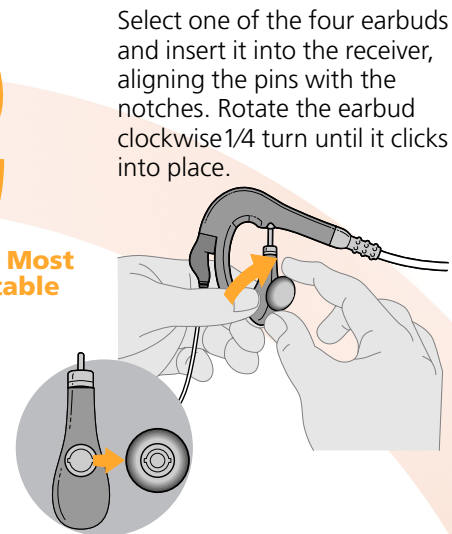


Earbud Choices



2

Find the Most Comfortable Earbud

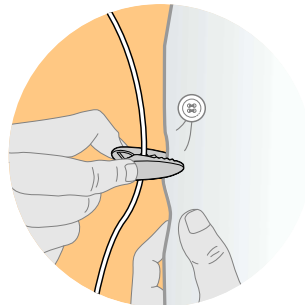


5

Examine the Additional Features

Clothing Clip

The clothing clip keeps the headset properly seated and free from the cord's weight. Attach the clothing clip at a comfortable level.

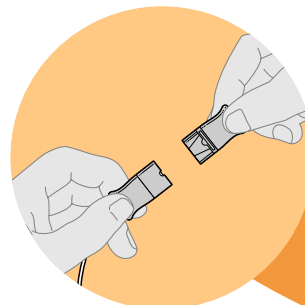


Quick Disconnect™ Connector

This feature allows you to place a call on hold and move away from the phone without removing the headset. When you separate the Quick Disconnect, you place an ongoing conversation on hold.

Before using your headset, join the Quick Disconnect to the mating connector of the modular adapter cable.

To disconnect, grasp Quick Disconnect, as shown, and pull straight apart. To resume your conversation, reconnect the two halves.



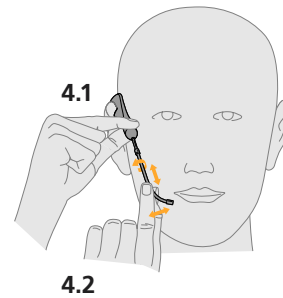
4

Adjust the Mouthpiece

For standard models:

4.1 Hold the receiver securely against your ear with one hand.

4.2 With your other hand adjust the voice tube so that the tip sits two finger-widths from the corner of your mouth. To prevent breath noise, avoid positioning the voice tube in front of your mouth.

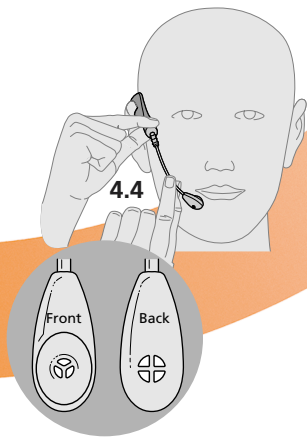
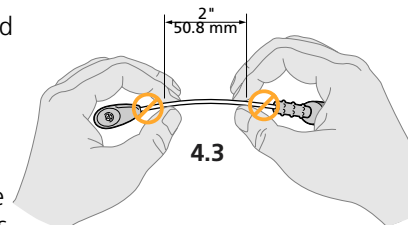


For Noise-Canceling models:

4.3 Carefully bend and shape the boom with both hands as shown. Avoid bending or twisting the boom near the microphone or earpiece.

4.4 Position the boom so that the microphone sits two finger-widths from the corner of your mouth.

4.5 Make sure the front of the microphone faces your mouth. If necessary, twist the microphone slightly so it's in the proper position. Do not use forceful twisting motions or try to turn the microphone completely around.



3

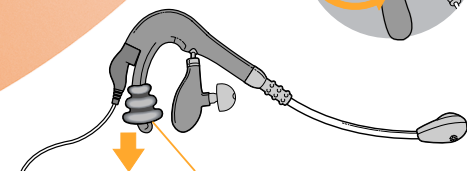
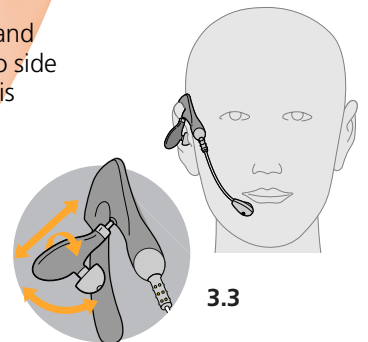
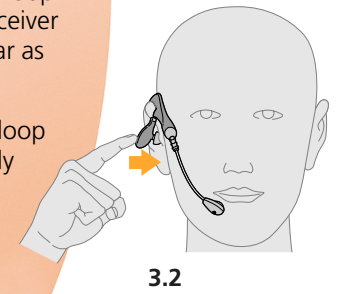
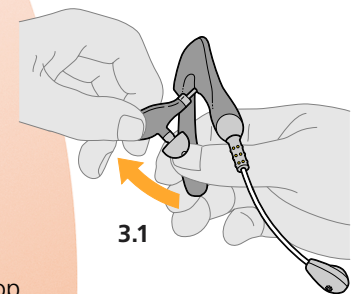
Adjust the Earpiece

For all models:

3.1 Grasp the earloop and move the receiver housing out as far as possible.

3.2 Place the earloop above and slightly in front of your ear and rotate down and back.

3.3 Adjust the receiver arm up and down and side to side until the earbud is comfortably positioned in your outer ear.



The foam pad on the noise-canceling earloop increases stability but may be removed if uncomfortable.

See Maintenance and Troubleshooting section on the other side.