

# PA-1181T

## Performance Series

### Owner's Manual

#### “Engineering Excellence”

This model is known for top of the line components. To distinguish this unit from our other passive models we use all black chrome hardware to create a very sophisticated look in the cockpit. Enjoy your personal music in true stereo through the combination cell phone/satellite input jack. We invite you to compare with any of our competitor's offerings. You'll be pleasantly pleased.

#### Features

Passive Noise Reduction: (NRR) 24dB  
Cell / Satellite Phone Interface  
Full Flex “Memory” Microphone Boom  
Noise Canceling Electret Microphone  
Triple Plated Black Chrome Hardware  
Dual Volume Controls  
Auxiliary Audio Interface

Soft Padded Protective Case  
Pillow Top Head Pad  
Mono / Stereo Capability  
Twin Layer Silicone Gel Ear Seals  
Push-To-Talk Switch On Ear Cup  
Three Year Warranty  
Weight: 13.4 Oz. (375 grams)

#### Additional Models

PA-1181TH Helicopter Version

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## 2.0 Fitting Your Headset

Wearing your headset properly is paramount to achieving both comfort and maximum performance. First slightly loosen the hand adjustable knobs on the headband. The headset should be placed on your head and slowly pulled down so that the ear cups are properly positioned over each ear for maximum noise attenuation. Tighten the knurled knobs when the headset feels correct. It should apply slight pressure on your head without being snug. You may need to make your final adjustments in the high noise environment of the cockpit.

## 2.1 Microphone Placement

Your headset comes with a full flexible “memory” microphone boom and a noise canceling electret microphone. The boom can be rotated 360 degrees for left or right side use. Proper placement of the electret microphone is critical in order to achieve clear communications. The microphone should be placed at the corner of the mouth approximately 1/4” away from the lips.

## 2.2 Volume Control

The PA-1181T is fitted with two individual volume controls, one each for the right and left side of the headsets. When adjusting the volume control, the pilot-in-command should adjust his or her volume control first with the audio system turned on. Please remember that you may be dealing with 3 volume controls - radio, intercom and headset.

## 2.3 Mono/Stereo Selector (On Comm-Cord Splitter)

Your headset comes standard with a Mono/Stereo selector switch which is located on one side of the triangular splitter. “M” indicates the mono position while “S” indicates the stereo position. It should be noted that if you are using a monaural intercom and your headset is set in the stereo position, you will only hear through one speaker of your headset. With a stereo intercom you will hear true stereo in both ears.

## 2.4 Cell / Satellite Phone Capable

Having the capability in an emergency of being able to place a cell phone call from your aircraft is one of the reasons *PILOT* has installed a cell/satellite jack on the headset. Located on the non-boom side ear cup, a 2.5mm jack is in place. It will work with 90% of cell phones in the marketplace. An adapter may need to be purchased from your local electronics shop in order to utilize this feature.

## 2.5 Built-In Push-To-Talk Switch

Your *PILOT* PA-1181T is fitted with a Push-To-Talk button on the opposite side of the ear cup with the comm-cord. It's great for flight instructors or to use in case of an inoperative portable PTT or yoke mounted PTT.

## 2.6 Music Input Jack

The cell/satellite phone jack can also be used as a music-input jack. Plug in your favorite music source, IPOD®, MP3® or CD player and you'll hear true stereo music in your stereo headset.

## 2.7 Twin Layer Silicone Ear Seals

Your headset is fitted with our proprietary twin layer gel silicone ear seals. This new design cuts about 30% of the weight of normal silicone ear seals and provides a slightly larger inner diameter for enhanced comfort for your ears. From our testing we have determined that these are the most noise attenuating ear seals available today.

## 2.8 Pillow Top Head Pad

The PA-1181T has an oversized head cushion to distribute the weight of the headset. No more hot spots!

## 2.9 Soft Padded Headset Case

We provide you with a soft padded headset case to protect your headset. You should treat your headset like you would treat any other electronic product of value. Keep it clean, and keep it out of extreme temperatures (hot or cold). Take care of your headset for best and long lasting results.

### 3.0 Taking Care of Your Headset

Treat your headset like you would treat your stereo and computer at home. To insure the full life of your headset, keep it clean and free of dirt. Clean your headsets with non-alcohol wipes or a soft cloth slightly dampened with water and a mild soap. Never use alcohol. Plastic parts dry out or fray when exposed to alcohol based products. Headband, ear cups, ear seals and cords can be lightly cleaned but one should be careful around the microphone and speakers on the headset.

#### 3.1 Microphone Windscreen

Pilot Communications USA recommends periodically replacing the microphone windscreen if necessary. The foam microphone windscreen helps eliminate the popping "P"s and "T"s and annoying breath puffs when you're communicating with the headset. The foam microphone windscreen also helps protect the microphone from moisture and other elements that may cause damage to the electronics. You may use mild soap and water to clean your foam windscreen. Place the foam windscreen in mild soapy water. Rinse and make sure the windscreen is fully air dried before reattaching to the microphone.

#### 3.2 Ear Cushions

Ear seals also need periodic replacing. Usage and temperature variations are two factors that will influence the life span of your ear seals. We have several types of seals on our headsets. Generally, PVC, foam and silicone gel style ear seals can be wiped off with mild soap and water. Do not submerge the ear seals in water. All three types of seals have vent holes and water would enter the vent holes and ruin the ear seal.

#### 3.3 Communication Cord

Take care of your communication cord. Wires in the cord can break if abused. Always disconnect them by disconnecting the plugs, not by pulling the cords. Pulling on the cord, instead of the plugs is a major cause of headset repairs, causing breaks and static. We recommend storing your headset in a headset case or flight bag and keeping the cords free of obstruction to reduce wear and tear on your headset.