

# 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/satellite phone 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	Dual Volume Controls
Cell/Satellite Phone Interface	Mono/Stereo Capability
Auxiliary Audio Interface	Pillow Top Headpad
Full Flex Mic Boom	Push-To-Talk Switch On Ear Cup
Noise Canceling Electret Microphone	Soft Padded Protective Case
Silicone Gel Ear Seals	Three Year Warranty

#### Additional Models

PA-1181TH Helicopter Version w/ U-174/U single plug

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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 half metal/half flex 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 ¼” away from the lips.

## 2.2 Volume Controls

The PA-1181T is fitted with individual volume controls, located on both ear cups of the headset. When adjusting the volume controls, the pilot-in-command should adjust their volume control first with the audio system turned on. Please remember that you may be dealing with four volume controls: radio, intercom, headset and music source.

## 2.3 Mono/Stereo Selector

Your headset comes standard with a Mono/Stereo selector switch which is located on the comm-cord 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 in “true stereo” in both ears.

## 2.4 Cell/Satellite Phone Capable

In an emergency having the capability of being able to place a cell phone call from your aircraft is one of the reasons we have installed a cell/satellite phone jack on the headset. Located on the non boom side is a 3.5mm jack. Also provided are different 2 patch cords that should work with 90% of cell phones in the marketplace. The 90 degree angle plug should connect to the headset and the straight plug to the phone. Please note that the headset must be connected to a live intercom system for the phone system to work properly.

## 2.5 AUX Music Input Jack

The same 3.5mm cell/satellite phone jack can also be used as an AUX music input. Plug in your favorite music source and you’ll hear true stereo music in your headset.

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

Your PA-1181T is fitted with a Push-To-Talk switch on the non boom side ear cup. It’s great for flight instructors or to use in case of an inoperative portable or yoke mounted PTT.

## 2.7 Silicone Gel Ear Seals

Your headset is fitted with our premium silicone gel 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.

### 3.0 Pillow Top Headpad

The PA-1181T has our most comfortable pillow top headpad to distribute the weight of the headset. No more hot spots!

### 3.1 Taking Care of Your Headset

To insure the full life of your headset, keep it clean and free of dust and dirt. Clean your headsets with non-alcohol wipes or a soft cloth 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.

- A. **Mic Windscreen:** We recommend periodically replacing the microphone windscreen if necessary. The foam microphone windscreen helps eliminates 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.
- B. **Ear Cushions:** Ear seals also need periodic replacing. Depending on how much you fly, temperature (extreme heat or cold) also influences the life span of your ear seals. We have several types of ear 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 ear seals have vent holes and water would enter the ear seal’s vent holes thus ruining the ear seal.
- C. **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 – it causes wire breaks and static. We recommend storing your headset gear in a headset case and keeping the cords free of obstruction to reduce wear and tear on your headset.

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