

# PA-2170T

## Millennium Series

### Owner's Manual

#### “Protection Perfection”

This passive non-clamping, lightweight, superior noise attenuating headset will exceed your lofty expectations. This model is identical in features to our ANR headsets with the same comfort features such as sheepskin head pad and Silicone Gel Ear Seals. Enjoy your personal music in true stereo through the combination cell phone/satellite input jack. We invite you to compare with any competitor's offering. You'll be pleasantly surprised.

#### Features

Passive Noise Reduction: (NRR) 26dB	Soft Padded Protective Case
Cell / Satellite Phone Interface	Sheepskin Head Pad
Adjustable “Memory” Flexible Microphone Boom	Mono / Stereo Capability
Noise Canceling Electret Microphone	Silicone Gel Ear Seals
Individual Volume Controls	Five Year Warranty
Auxiliary Audio Interface	

#### Additional Models

PA-2170TH Helicopter Version

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## 2.0 Fitting Your Headset

Wearing your headset properly is paramount in achieving both comfort and the best performance possible. The headset should be placed on your head and slowly pulled down so that each ear cup is properly positioned over the ears. It should apply slight pressure on your head without being too snug.

## 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-2170T is fitted with two individual volume controls, one each for the right and left side of the headsets. The volume controls are located on the comm-cord splitter. When adjusting the volume control the pilot-in-command should adjust their 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 3.5mm 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 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.

## 2.6 Silicone Gel Ear Seals

Your headset is fitted with our proprietary silicone gel ear seals. The new design eliminates 30% of the weight of normal silicone ear seals and provides superior noise attenuation.

## 2.7 Sheepskin Head Pad

The PA-2170T features a soft upgraded, breathable genuine sheepskin head pad.

## 2.8 Soft Padded Headset Case

We provide you with a custom 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.

## 2.9 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. This will extend your headset’s life and give you many years of flying confidence. 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.

### 3.0 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.

### 3.1 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.

### 3.2 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.