

# PILOT PA-1110 Single Side Headset Manual

This single sided ear cup headset is perfect for monitoring a radio and keeping one ear free to listen to crew members or monitor a 2<sup>nd</sup> radio source. One stirrup and ear cup has been replaced with an adjustable 2 cushion Air-Foam temple pad. Headset is fitted with a half flex/half metal mic boom with a noise canceling PA-7 electret microphone. Ear seals are liquid and foam for comfort and excellent noise cancellation.

## Features

- Passive Noise Reduction: Single Sided Not Rated
- Half Metal / Half Flex Microphone Boom
- Air-Foam Head Pad
- Adjustable Volume Control
- Liquid Foam Ear Seals
- Hand Adjustable Knurled Knobs
- Three Year Warranty

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### 2.0 Fitting Your Headset

Wearing your headset properly is paramount to achieving both comfort and noise attenuation. The headset should be placed on your head and slowly pulled down so that each ear cup is properly positioned over each ear for maximum noise attenuation.

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 fully 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 Adjusting Volume Control

The PA-1110 is fitted with an individual volume control, located on the boom side of the headset. 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 4 volume controls - radio, intercom, music input source and headset.

### 2.3 Liquid Foam Ear Seals

Your ear seals are a combination of liquid (mineral oil) and foam in order to provide you with more noise attenuation than standard foam ear seals. The combination is perfect for added noise reduction while being lighter in weight than a full liquid. We think you'll find these ear seals to be quite comfortable on long trips.

### 2.4 Air-Foam Head Pad

A multi-cushioned head pad is fitted on the PA-1110. Just because you're missing one ear cup doesn't mean you have to suffer in comfort. The multi-cushioned pad distributes the weight of the headset to keep you free of notorious “hot spots”.

### 2.5 Hand Adjustable Knurled Knobs.

Adjustable knurled knobs allow you to hand tighten your headband should it become loose during flight. This sounds like a simple design item but we were the first to introduce this style of adjustment eliminating the need for a small wrench. Sometimes the simple ideas are the best.

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### 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 and you will extend the headset's life giving you many years of flying pleasure.

Clean your headsets with non-alcohol wipes or a soft slightly 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.

#### 3.1 Mic Windscreen

Pilot 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. 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 our ear seals have vent holes and water would enter the ear seal's vent holes ruining 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 – it causes wire 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.

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