

The PA-1166M can be used with all high and low impedance systems. Popular with military operations because of its ability to be used with high impedance systems or low impedance systems. Fitted with either an M101 or M-87 dynamic microphone and windscreen, your voice will be heard loud and clear. A protected toggle switch for switching between low and high impedance radios is located on the boom side. It comes fitted with a combination of liquid and foam ear seals to make it very comfortable by disbursing the headset’s weight evenly over your head. As an option, the headset can be built with a combination Cell/Satellite Phone jack that does double duty as a Music Input jack allowing you to input an audio source from your IPOD®, MP3®, or CD player.

To make the unit look unique, the ear cups as well as the hardware is black. The PA-1166M comes with a NRR rating of @24dB which is more than adequate to protect your hearing.

Features

- Half Flex/Half Metal articulating microphone boom
- M101 or M87 microphone
- Adjustable volume control
- Passive Noise Reduction: (NRR)@ 24dB
- Cell/Satellite phone interface (Optional)
- Auxiliary audio interface for music
or audible checklists/warnings (Optional)
- Warranty: Three Year Warranty

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Military | “High-Low Impedance” | PA-1166M

2.0 Fitting Your Headset

Wearing your headset properly is paramount to achieving both comfort and noise attenuation. First slightly loosen the hand adjustable knobs on the headband. 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. 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 ratcheting half metal/half flexible “memory” microphone boom and a noise canceling electret microphone. The boom can be rotated 360 degrees for left or right use.

2.2 Volume Control

The PA-1166 is fitted with 2 an individual volume control, on the boom side of the headset/

2.3 Cell/Satellite Phone Capable (optional)

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 has been installed. 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.

2.4 Music Input Jack (optional)

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.

2.5 Half Liquid / Half Foam Ear Seals

Your headset is fitted with our premium half liquid / half foam ear seals. The ear seals are outstanding in noise canceling due to the combination of liquid and foam in the ear seals which slows down the sound waves more than just foam or just liquid.

2.6 Multi-Cushioned Head Pad

Our PA-1166M has a pillow-top head pad that will distribute the weight of the headset over the entire top of your head. No more hot spots!

2.7 Optional Accessories

Twin Layered Gel Ear Seals

Confor® Foam Ear Seals

Sheepskin Head Pad

Cloth Ear Seal Covers

Leatherette Windscreen Cover

PA-75 Helicopter to GA Plugs Headset Adapter

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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 extra flying plea

Clean your headsets with non-alcohol wipes or a soft slightly cloth dampened with water and a mild soap. Never use alcohol . P lastic 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 as 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.

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. 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.