



**TOLL FREE (800)845-7541**

# AC-747 PNR

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## AC-747 PNR KEY FEATURES

- Exclusive PNR technology and "plug and fly" design
- Converts from general aviation to helicopter use (both cables included)
- Full flex boom
- Ultra-lite micro samarium cobalt speakers
- Each ear cup features an independent volume control
- M-60 microphone with active filtering chip
- Deluxe Comfort Package included
- Full five-year factory warranty

## THE BASICS

Developed to meet the needs of both general aviators and helicopter pilots, the AC-747 PNR is the single answer for both applications in one headset!

## FEATURES AND BENEFITS

Pilots who fly both general aviation and helicopters no longer need to buy, carry, and store two different headsets or use clumsy adaptors. The AC-747 converts easily by plugging in either the general aviation straight cord or the helicopter coil cord (both included with the headset).

An optional general aviation coil cord is also available. If you break a cable, no problem. Simply unplug and replace.

Powerful, ultra-lite micro samarium cobalt speakers produce a richer, smoother frequency response for both voice and music.

The powerful magnetic core and diaphragm provide high sensitivity and optimized response. The speaker, a thin lightweight 4/10th's of an ounce, reduces headset weight for added comfort. The advanced speaker installation technique enhances audio performance, reduces annoying inner ear cup vibrations and increases noise attenuation.

Each ear dome also features a fully adjustable volume control for truly customized performance. Unique to the AC-747 PNR, each speaker features a 2-pin connector, allowing easy removal to change to 32 ohm speakers. This feature is an advantage to pilots with hearing loss who require more volume.

The full flex boom bends and holds any position easily for precise microphone placement. The M-60 microphone with ceramic hybrid active filtering chip amplifies desired voice signals while eliminating up to 75% of unwanted background noise so that you can be heard more clearly even in the noisiest of environments. Additionally, the preamp circuit is immune to environmental changes, will not corrode, and has a much longer life than conventional PCB based products.

## THE DETAILS

Durable copper wire with spiral shielding eliminates RF interference while a polyurethane cover adds abrasion resistance and flexibility. Additional features include gold plated plugs, high impact ABS ear cups, easy-to-adjust stainless steel headband with easy thumbnut adjustment, deluxe comfort head pad, acoustic foam ear seals, 100% cotton ear covers, acoustic mic muff to protect against moisture and wind noise, plus a full five-year factory warranty.

### AC-747 PNR



#### FACTORY INSTALLED:

- Stainless steel headband with easy thumbnut adjustment
- Deluxe comfort headpad
- Acoustic foam ear seals

#### ALSO INCLUDED:

- 100% cotton cloth ear covers
- Acoustic mic muff

#### SPEAKER

Impedance: 150 ohms/mono  
Frequency range: 100-17,000 Hz  
Sensitivity: 101dB with 1mW input  
Volume control attenuation: 23 dB  
User interchangeable speakers

#### MICROPHONE

Type: Electret noise cancelling mic  
Frequency response: 300-8,000 Hz  
Mic source resistance: 220-2200 ohms  
Boom type: Full flex boom

#### MECHANICAL

Tensile reinforced copper wiring  
Polyurethane insulation (UV safe)  
Shielded detachable cords:  
GA 5' straight and Heli 6' coiled  
Gold plated plugs: mic .206" dia.  
phn .250" dia.

#### TECHNICAL

NRR: 24 dB  
Hardware: Stainless steel  
Domes: ABS high impact plastic  
Weight: 13.9 oz.