



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

## AC-454 PNR

### AC-454 PNR KEY FEATURES

- AVCOMM's exclusive PNR audio technology
- Full spectrum stereo response
- Each ear cup features an independent volume control
- Ultra-lite micro samarium cobalt speakers
- Built in Push-to-Talk
- M-60 microphone with active filtering chip
- 4-way adjustable wire boom
- Deluxe Comfort Package included
- Full five-year factory warranty

### THE BASICS

The AC-454 PNR is a full spectrum stereo headset for pilots and passengers featuring a built-in push-to-talk, an independent volume control on each ear dome and deluxe comfort kit—all packed into a headset with superior comfort.

### FEATURES AND BENEFITS

Ultra-lite micro samarium cobalt speakers give you richer, smoother frequency response for both voice and music, while producing incredible efficiency that emphasizes higher frequencies. The powerful magnetic core and diaphragm were the perfect choice for high sensitivity and optimized response. Additionally, the speaker is a thin lightweight 4/10th's of an ounce reduces headset weight for added comfort. Audio performance notches up even higher with the advanced speaker installation technique that reduces internal ear cup vibrations and increases noise attenuation.

An M-60 microphone with ceramic hybrid active filtering chip amplifies desired voice signals while eliminating up to 75% of the background noise so that you can be heard more clearly in even the noisiest of environments like open cockpits. Additionally, the preamp circuit is immune to environmental changes, will not corrode, and has a much longer life than conventional PCB based products.

If you have ever had a yoke mounted push-to-talk fail, you will appreciate the convenience of AVCOMM's additional push-to-talk button built into the ear dome. This is a favorite feature for anyone who needs an extra push-to-talk to transmit easily and effortlessly without reaching for the controls.

### THE DETAILS

Additional features include convenient monaural to stereo settings for well balanced sound, volume controls on each side, durable copper wire with spiral shielding to eliminate RF interference and a polyurethane cover for added abrasion resistance and flexibility, gold plated mic and headphone plugs, high impact ABS ear cups, easy-to-adjust stainless steel headband with easy thumbnut adjustment, deluxe comfort headpad, acoustic foam ear seals, 100% cotton ear covers, an acoustic mic muff to protect against moisture and wind noise, plus a full five-year factory warranty.



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#### 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  
300 ohms/stereo  
Frequency range: 100-17,000 Hz  
Sensitivity: 101dB with 1mW input  
Volume control attenuation: 18-23 dB

#### MICROPHONE

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

#### MECHANICAL

Tensile reinforced copper wiring  
5' straight shielded cord  
Polyurethane insulation (UV safe)  
Gold plated plugs: mic .206" dia.  
phn .250" dia.

#### TECHNICAL

NRN: 24 dB  
Hardware: Stainless steel  
Domes: ABS high impact plastic  
Weight: 14.1 oz.

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