inbertec

UA5000H Carbon Fiber Helicopter Pilot Headset
UA5000F Carbon Fiber Fixed Wing Pilot Headset
Data sheet

Comfortable Foam Head Pad

Adjustable Stainless Steel Band

Faux Leather Ear Cushions

Volume Switch

Carbon Fiber Case

270° Rotatable

Noise-cancelling Electret Mic Element

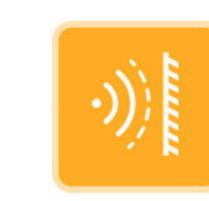U174/U

GA Dual Plugs PJ-055 and PJ-068

INTRODUCTION

UA5000H and UA5000F Carbon Fiber Premium Aviation Headset enhancing your flying experience with all-day comfort and clear audio performance.

Ear Shell 100% premium carbon fiber design offers a 24dB noise reduction, but weighs nearly half of a typical aviation headset. The noise-cancelling microphone and wind blocking foam mic muff assure clear communication.

UA5000H with U174/U plug for Helicopter use. UA5000F with PJ-055 and PJ-068 Dual GA Plugs for Fixed Wing Aircraft use.

Comfortable | Crystal clear sound quality | PNR | Light-weight

FEATURES

Ultra-lightweight

Carbon fiber material provides the extreme lightweight Weights just 9 Ounces (255 Grams)

Passive Noise Reduction Technology

UA5000H/UA5000F utilizes passive noise reduction techniques to minimize the impact of external noise on the user's hearing. With a specialized earcup for noise-proof insulation, it's worked by mechanically blocking sound waves from entering the ear

Noise Cancelling Microphone

Noise-cancelling electret mic element to filter out background noise and ensure the pilot's voice to be transmitted clearly

Comfortability and Flexibility

Comfortable shock-absorbing head-pad and soft ear cushions, over-the-head stainless steel adjustable band and 270°rotatable microphone boom offering great comfortability and flexibility

UA5000H Helicopter Use Plug:

U174/U

UA5000F Fixed Wing Use GA Dual Plugs:

Earphone Plug: PJ-055
Microphone Plug: PJ-068

TECHNICAL DATA

Microphone Specification:	
• Sensitivity Range	-46±3dB RL=1.0K Q Vs=2.0V(DC)1KHz
• Impedance Max	2.2K2 1kHz(RL=2.2KΩ)
• Frequency	20-20KHZ
• Current Consumption Max	VS=2.0V RL=2.2KΩ MAX:500 µA
• Operation Voltage Range	2.5-10V(DC)
• Max Sound Pressure Level	110dB S.P.L
Speaker Specification:	
• Impedance	300Ω+15%@1KHZ
• Sensitivity	119dB+10%/1Watt 0.5Meter
• Resonance Frequency	(FO)680HZ+20%
• Frequency Respond	F-5KHZ
• Rated Input Power	1.0W
• Maximum Input Power	1.5W