

dBD Communications Ltd
AVIATION PRODUCTS
PRODUCT MANUAL

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CLEAR AUDIO

PNR AUDIO TECHNOLOGY VS. ANR

The new PNR design features a dramatic reduction in annoying inner ear cup vibrations while increasing noise attenuation and decreasing headset weight for added comfort. High efficiency ultra-lite speakers with a powerful neodymium magnetic core and mylar diaphragm provide richer, smoother frequency response for both voice and music and longer life. Revolutionary speakers combined with an advanced speaker installation technique delivers audio performance that is simply outstanding.



PATENTED PNR™ AUDIO DESIGN
Proven audio performance technology for clearer, crisper communication.



NEODYMIUM SPEAKERS
Known for their light weight and high efficiency.



NOISE CANCELLING MICROPHONES
Highly reliable electret noise cancelling microphones for excellent sound quality.



STAINLESS STEEL HEADBAND
Banded in stainless steel for long life and ease of maintenance. Rustproof and very easy to adjust for a perfect custom fit.



ABS EAR CUPS
Classically designed and manufactured from high impact ABS plastic for tensile strength, chemical and heat resistance. Easy to clean with liquid household detergent.



ACOUSTIC FOAM EAR SEALS
Deluxe acoustic foam ear seals made with a special cellular foam and a PVC shell for soft and supple comfort.



INSULATED TENSILE WIRING
Used throughout. The high flex bending capability (similar to telephone cabling) gives this wire its distinctive durability. Flexible copper wire with spiral shielding eliminates radio frequency interference (RFI). A polyurethane cover provides added abrasion resistance, strength and flexibility.



GOLD PLATED PLUGS
Plugs are gold plated for positive contact and superior signal transfer.



PIVOT ADJUSTMENTS
Dome and stirrups swivel to provide universal ear dome fit.



	Patented PNR Technology	Built-in Push-to-Talk	Full Spectrum Stereo Response	Independent Volume Control on Each Dome	Converts from General Aviation to Helicopter	M-67 Mic with Active Filtering Chip	Full Flex Boom	Lightweight Wire Boom	Ultra-lite Micro Neodymium Speakers	Deluxe Comfort Package	Mono/Stereo Switch Built into Cord	Radio / Intercom	Cell Phone Compatible with Avcomm Adapter	FLITELite™
AC-200 PNR	●					●		●	●				●	
AC-260 Kid's PNR	●					●		●	●				●	
AC-454 PNR	●	●	●	●		●		●	●	●			●	
AC-747 PNR	●		●	●	●	●	●	●	●				●	
AC-747 FL	●		●	●	●	●	●	●	●				●	●
AC-900 PNR	●	●	●	●		●		●	●	●			●	
AC-900 FL	●	●	●	●		●		●	●	●			●	●
AC-910 PNR	●	●	●	●		●		●	●	●			●	
AC-910 FL	●	●	●	●		●		●	●	●			●	●
AC-920 PNR	●	●	●	●		●		●	●	●			●	
AC-950-A ANR		●	●	●		●		●	●	●			●	
AC-950-A FL		●	●	●		●		●	●	●			●	●
SH-50 PNR	●	●				●		●	●			●	●	
SH-51 PNR	●	●				●		●	●			●	●	
SH-52 PNR	●	●				●		●	●			●	●	
SH-60 PNR	●	●				●		●	●			●	●	

FLIGHT BAGS

These lightweight, tough flight bags are made of 600 denier polycanvas to resist water, tears, and scuffs. PVC backing protects your valuable equipment from moisture. Versatile, durable, and rugged, they feature quality construction with finished seams and "self-healing" YKK zippers. Features: handles, shoulder strap, and bottom "feet" to protect the bag from wear and abrasion (all models except P3-A01).



P3A01 Personal Headset Bag

Padded protection for an individual headset, charts, or personal items. Securely link two of these together with a unique Velcro® flap or easily connect to the end of the P3-A03 Duffel. Dual zipper on top makes access very easy. There is a gusseted pocket on the inside and a zippered compartment on the outside for accessories.

Dimensions: 9.5"L x 10.5"H x 3.5"W
Weight: 8.7 oz.



P3002 Duffel Style Flight Bag

Roomy interior with six compartments. Dual zippered flap on center compartment has a Velcro® strip, making it easy to close when fully packed. There are two outside zippered end pockets for headsets, a zippered compartment for charts and two smaller accessory compartments, one open and one with a zipper.

Dimensions: 16.1"L x 10"H x 7.5"W
Weight: 1 lb. 3 oz.



Unique Velcro® mounting flap allows placement of the P3-A01 Personal Headset Bag to either or both ends of the bag!

P3A03 Deluxe Duffel Style Flight Bag

Easily attach a P3-A01 Personal Headset Bag to either or both ends for additional storage. Fully padded, shock resistant, semi rigged construction. Dual zippered flap on the main compartment features a Velcro® strip for easy closure. Roomy interior for storage of headsets, charts and more. Inside removable Velcro® partition.

Dimensions: 15"L x 12.5"H x 10.5"W
Weight: 3 lbs. 2 oz.



P3A02 Deluxe Flight Bag

Seven compartments with shock resistant padding. Dual zippered flap on center compartment has a Velcro® strip making it easy to zip. Inside, a Velcro® partition and pouch with Velcro® closure secures radios and gear. Outside features a large compartment, two zippered end pockets for headsets, and two additional gusseted pouches.

Dimensions: 18"L x 10.5"H x 9"W
Weight: 2 lbs.

AVIATION HEADSETS

All banded in stainless steel

AC-200 PNR

Best Value PNR headset

AC-260 PNR *White Knight Jr.*

Child's PNR headset w/ built-in stereo port for IPOD and MP3

AC-454 PNR

Deluxe stereo PNR headset w/PTT

AC-747 PNR

Convertible PNR headset w/General Aviation & helicopter cords

AC-900 PNR

Premium stereo headset w/flex-boom, deluxe gel ear seals & PTT

AC-910 PNR

Premium stereo headset w/flex-boom, built in cell port, deluxe gel ear seals & PTT

AC-920 PNR *White Knight*

Premium stereo headset w/flex-boom, deluxe gel ear seals, PTT and built-in stereo port for IPOD and MP3

AC-950-A

Deluxe ANR Headset, platinum, with flex boom, deluxe gel ear seals & PTT

AC-200 PNR



AC-260 PNR



AC-454 PNR



AC-747 PNR



AC-900 PNR



AC-910 PNR



AC-920 PNR



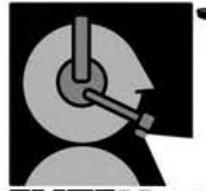
AC-950 ANR



**FULL
5-YEAR
WARRANTY**

AVIATION HEADSETS

All banded in stainless steel



FLITELite™

**FULL
5-YEAR
WARRANTY**

AC-747-FL



AC-900-FL



AC-747-FL

Convertible PNR headset w/ GA & helio cords w/integrated Flitelite

AC-900-FL

Premium stereo headset w/ flex-boom, deluxe gel ear seals, PTT and integrated Flitelite

AC-910-FL

Premium stereo headset w/flex-boom, built in cell port, deluxe gel ear seals, PTT and integrated Flitelite

AC-910-FL



AC-950-AFL



AC-950-AFL

Deluxe ANR headset platinum, w/ flex-boom, deluxe gel ear seals, PTT and integrated Flitelite

Available in black, red or yellow unless noted

GROUND CREW HEADSETS

SH-50



SH-51



SH-50

Behind-the-head, 2-way radio on one side, intercom connection on the other

SH-51

Over the head, 2 way radio on one side, intercom connection on the other

SH-52

Over the head, 2 way radio on one side, with monetary PTT for intercom transmit (black only)

SH-52



SH-60



SH-60

Behind the head dual 2 way radio headset

INTERCOMS & ACCESSORIES



AC-2EX INTERCOM

- Expandable Portable: two to four place
- Rugged compact design
- Two 9V batteries or 12-28V DC power
- 'Stuck mic' indicator – Power-transmit LED
- For use with mono or stereo headsets
- Pilot priority PTT
- Fail safe feature
- Weighs only 14.1 ounces
- Full three-year factory warranty
- Digital Signal Processor (DSP) coming soon



DX-AC6PA INTERCOM

- 2~6 place panel mount intercom
- Quick Install Kit included
- Solid extruded aluminum frame
- Compact size fits virtually anywhere
- 'Stuck mic' indicator — power transmit LED
- 12~28 volt compatible
- Pilot priority PTT
- Fail-safe feature
- Full three-year factory warranty
- Digital Signal Processor (DSP) coming soon



AVKB01 KNEEBOARD

- High quality nylon tri-fold case
- Velcro knee strap
- Two clear Vinyl pockets
- Aircraft quality aluminum board with flight planning information
- Embroidered logo



FL2.0 FLITELite™ 2.0

incredible, new, fully integrated utility FLITELite™ makes multitasking at night simple. This unique product, developed via a NASA funded program, enables pilots to read maps and charts with ease when the "lights go out." The Lite Detect™ feature shuts off automatically in lighted conditions and the rechargeable battery back-up provides 30 minutes of power for emergency situations.

Experience FLITELite™ for yourself.

ACCESSORIES



P1-009

Deluxe Gel Ear Seals (Fits most headsets)

Designed for luxurious comfort with silicone gel that conforms to facial contours and glasses. Unique "venting" prevents "ballooning" at higher altitudes. Durable polyurethane construction is unaffected by temperature extremes.



Small P1-006
Large P1-007
Jumbo P1-005

Acoustic Foam Ear Seals (Fits most headsets)

Soft, cushy, and ultra-light, deluxe Acoustic Foam Uni-Seals are manufactured to deliver the highest quality and comfort at an affordable price. Available in three sizes for perfect fit and comfort: small, large, and jumbo.



P1-003

Deluxe Cloth Ear Covers

Cool cotton comfort will improve the tactile quality of any ear seal. Easy to slip on for immediate comfort, they absorb perspiration and relieve "hotspots". Fits almost every headset on the market!



Acoustic Mic Muffs

Acoustically transparent Sonic Foam™ greatly improves transmission quality while protecting mic from moisture, dirt, and debris. Completely washable and hypo-allergenic. Includes O-ring retainer.

P1-024 fits AC-200 ~ AC-260
P1-022 fits AC-454 ~ AC-900



P1-041

Deluxe Headpads

Deluxe headpad provides a cushy and comfortable fit, distributing headset weight to reduce pressure points and hot spots. Fits most headsets with steel band construction. Easily attaches with Velcro® closure.



Electret P4-004

M-67 Electret P4-019

M-67 Electret P4-018

Replacement Mics

OEM replacements. Superior quality in construction, design, durability, and performance. M-67 replacement mics feature active filtering chip for improved performance.

P4-004 fits AC-200 and AC-260
P4-019 fits AC-454
P4-018 fits AC-747 and AC-900



P2-001V2

Deluxe Push-to-Talk Switch

The finest portable PTT with dual micro switches. Gold plated plug for improved conductivity. Easily attaches to yoke with removable Velcro® attachment. Also features 6' coiled cord.



P2-009 (5')
P2-009-15 (15')
P2-009-26 (26')

Headset Extensions

Extends cable length 5 - 26 feet. Exclusive single headset jack housing increases reliability. Constructed with durable tensile wiring and shielded polyurethane cord with insulation for added strength and protection from temperature extremes and abrasion.



P2-004

General Aviation to Helicopter Adapter

Easy compact Adapter converts general aviation applications to helicopter quickly and easily. Features shielded tensile wiring for flexibility and durability.



P2-005

Helicopter to General Aviation Adapter

Convert your headset application from helicopter to general aviation with this simple Adapter. Shielded tensile wiring adds flexibility while gold plated plugs improve signal transfer.



P2-010

5' Headset Splitter

Now you can expand a single headset jack to accept two headsets with this splitter. At 5' in length, it offers pilots and rear passengers more versatility for different applications.



P2-120

P2-121

P2-100

AC-747 Specialty Cables

More options are now available for your AC-747 PNR. Just choose from these cable options shown here.

P2-120 Coiled General Aviation
P2-121 Straight General Aviation
P2-100 Coiled Helicopter