

**C 9060, C 9063, C 9070, C 9072, C 9073 Attenuation Characteristics:**

Frequency (Hz)	125	250	500	1000	2000	3000	4000	6000	8000
Attenuation (dB)	-14.3	-21.5	-27.1	-31.8	-36.0	-39.6	-41.8	-39.7	-37.0
Standard Deviation	3.3	2.4	1.5	1.6	1.3	2.1	2.1	2.0	1.3

**C 9064, C 9068 Attenuation Characteristics:**

Frequency (Hz)	125	250	500	1000	2000	3000	4000	6000	8000
Attenuation (dB)	-50	-43	-31	-33	-39	-42	-43	-53	-53
Standard Deviation	3.3	2.8	1.8	1.5	1.3	2.0	2.2	1.8	1.3

**C 9069A SPECIFICATIONS:**

Attenuation Frequency Band	20 Hz ~20 KHz
Main Attenuation Frequency Band	20 Hz ~ 600 Hz
Attenuation Capability	18 ~ 21 dB
Power Consumption	30 mW
Frequency Response	20 Hz ~ 15kHz
Sensitivity	95± 3dB (SPL) 1 mW
Active Noise Attenuation	Dynamic 42 ohm 30φ Max power 100mW
Speech Sound	Dynamic 300 ohm 30φ Max power 100mW
Working Voltage	1 x 9V battery
Battery Life	over 100 hours

*A range of other Aviation Headset products are available*

**Aviation Adaptor Leads**

Available in Aeroplane socket to Nato helicopter plug or Nato socket to Aeroplane plug style. For those pilots that interchange from rotary wing to fixed wing on a semi- regular basis.

Model	Description
C 9092	Plane socket to NATO plug
C 9093	NATO socket to plane plug

**Push to Talk Switch**

The P.T.T. Switch (Push-To-Talk Switch) is a professional assembly featuring rugged and smooth operation. The push to talk switch switches the microphone on and off. Compatible with any general aviation headset.

Model	Description
C 9090	Push to talk switch

**Aviation headset carry case**

A stylish, compact padded carry case designed to protect your headset and extend it's operational life.

Model	Description
C 9075A	Black aviation headset carry case



# ALTRONICS

## SERIES II

### Aviation Headsets



**Not field serviceable:**  
 For service contact  
**Altronic Distributors Pty. Ltd. Perth W.A. 6000**  
**Phone: (08) 9428 2199 Fax: (08) 9428 2198**

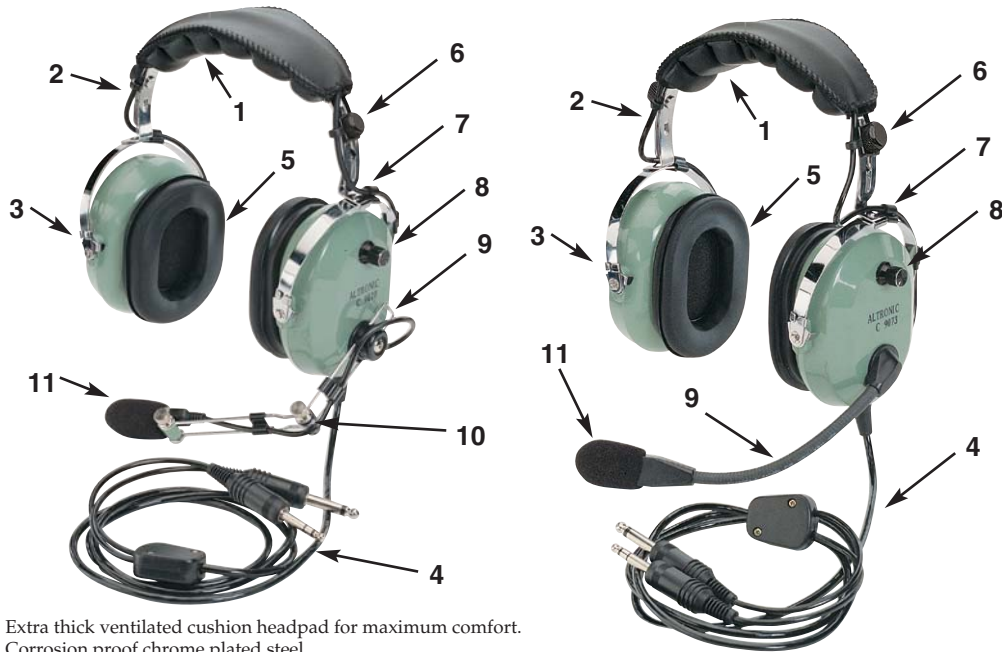
Distributed by Altronic Distributors Pty. Ltd. Perth. Western Australia.

Congratulations on your purchase of our Series II aviation headset. Certified by National Acoustic Laboratories, the Series II range of Headsets have been designed to provide a lifetime of trouble free service.

This instruction set covers the complete range of Altronics Aviation headsets including ;

- C 9060 Black Aviation Headset. (wire boom)
- C 9063 Black Aviation Headset (flex boom)
- C 9064 Black Aviation Headset with dynamic microphone (wire boom)
- C 9068 Black Helicopter Headset with dynamic microphone (wire boom)
- C 9069A Black Aviation Headset with active noise reduction (flex boom)
- C 9070 Green Aviation Headset (wire boom)
- C 9072 Green Helicopter Headset (flex boom)
- C 9073 Green Aviation Headset (flex boom)

**FEATURES (ALL MODELS)**



- 1. Extra thick ventilated cushion headpad for maximum comfort.
- 2. Corrosion proof chrome plated steel.
- 3. Stirrup pivot assembly gives ear cups universal fit.
- 4. Quality cord and plug assembly. ( C 9072 & C 9068 helicopter headsets come with curly cord and nato plug)
- 5. Soft gel filled ear seals for exceptional comfort and maximum attenuation.
- 6. Knurled nut construction for easy customised fit. Set it once and it fits you right every time.
- 7. Earphones (300 ohms ea.) wired in parallel for safety and reliability. Earphones compatible with 150 - 1000 ohm systems.
- 8. Volume Control allows you to adjust to a comfortable level.
- 9. Universal Boom allows microphone to be placed on the left or right side of mouth. (C 9063, C 9064, C 9068, C 9069A, C 9072 and C 9073, come with flexible mic. boom)
- 10. Spring tension boom assembly for precise microphone placement.
- 11. High performance Noise Cancelling Microphone.



The complete range of aviation headsets have been certified by National Acoustic Laboratories (NATA) and have been given an SLC80 rating of 29.

**C 9060, C 9063, C 9064, C 9068, C 9070, C 9072 AND C 9073 OPERATING INSTRUCTIONS**

- 1) Fit headset to head, adjust the earphones for comfort using the knurled nuts located on the side of the headpad (number 6 on the diagrams left). The microphone boom arms can be adjusted so that the microphone can be worn from the left hand side or the right hand side.
- 2) Adjust the microphone boom arm so that the microphone is approximately 25mm (1 inch) from the mouth.
- 3) Set the volume control to minimum.
- 4) Connect the headset to the radio/intercom and adjust the volume to a comfortable level.

**C 9069A ANR HEADSET OPERATING INSTRUCTIONS**

The Altronics C 9069A Active Noise Reduction Pilot Headset is a headset that can isolate, offset and minimise noises. In comparison with conventional headsets, it can, under noisy circumstances, provide a quieter and more comfortable sensation, by reducing background noise. Therefore, making it possible to improve the telecommunication quality and articulation, resulting in a higher operation safety factor. The noise cancelling circuitry reduces outside noise considerably more than a standard headset, making it more comfortable for the pilot in the aircraft.

**Replacing The Battery / Low Battery Voltage**

When the battery power is low, the LED indicator will flash. Note that the headset will continue to operate as a normal headset under low battery power or no battery power, however the active noise reduction will cease to operate.

The module uses 1 x 9V size battery. To avoid damage to the headset, ensure the power switch is set to OFF before changing battery. Slide down the lid on the battery compartment. Refer to positive (+) and negative (-) symbols when replacing the battery. To close the lid, push up until it clicks into place. When headset is not in use, ensure power switch is set to OFF, this avoids unnecessary power consumption.

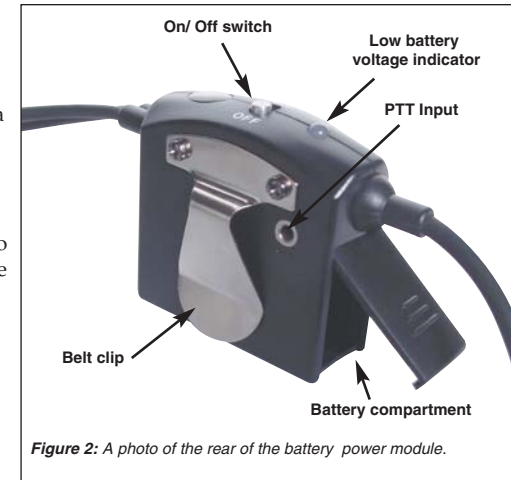


Figure 2: A photo of the rear of the battery power module.

**Operation:**

*Safety Notice: Please turn the headset volume knob to the minimum position before the headset plug is inserted into the socket of the sound source.*

1. Place the battery power module in a firm position, for example, clip onto your belt or slip into your pocket
2. **Adjust the headset so that the ear-cups fit firmly and flush over your ears (this is very important to prevent any "feed-back").**
3. When all the plugs are inserted into the sockets, push the battery power switch to the ON position to start the operation of the noise reduction.
4. When the power is switched on, the low battery power indicator will flash once to indicate power. In case of low battery power, the indicator will flash continuously.
5. When the headset is not in use, switch the battery power switch to OFF position and disconnect from battery box to avoid unnecessary power consumption.