

# **ELECTROAIR SERVICES**

## **Pilot Avionics PA 400 User instructions**

### **Power Supply**

*To power by batteries.*

Remove the battery compartment cover at the top of the intercom by sliding upward. Connect 2 x 9 volt alkaline batteries to the battery connectors. Fit batteries into the battery compartment and re-fit the cover.

*To power from 12 volt supply.*

Using the supplied 12 volt adapter, plug the adapter into the power socket marked 'AUX' on the intercom. Connect the other end into the aircraft's cigarette lighter socket or have an engineer or avionics technician make a permanent 12 volt connection to the aircraft's 12 volt power supply.

### **Squelch (gain) control**

The control knob in the centre, towards the bottom of the intercom is the squelch control. This is most sensitive in the full clockwise position, and least sensitive in the full anticlockwise position. Start with the squelch set to full clockwise and reduce sensitivity as required to reduce unwanted noise and set the level at which voice will trigger the intercom VOX (voice operated switch). Having this correctly set will help reduce power consumption.

### **Volume controls**

There are two volume controls. The control at the top left of the intercom controls the pilot headset volume only. The control at the top right of the intercom controls the volume for the other three stations.

### **Pilot – All – Crew select switch**

This select switch is just above the squelch control in the centre of the intercom. It is marked 'PILOT - ALL - CREW' thus is used to disconnect the pilot and/or the pilot and co-pilot from the intercom's audio.

*PILOT position*

With the selector set to this position, the pilot will not hear the intercom audio. Back seat passengers will be able to hear, and talk to, each other.

*ALL position*

With the selector in this position all intercom stations can communicate with each other, listen to music, and hear cell phone communications.

*CREW position*

With the selector in this position, neither the pilot nor co-pilot will hear the intercom audio. Back seat passengers will be able to hear, and talk to, each other.

### **Back lighting**

For night use there is back lighting to illuminate the intercom microphone and earphone jacks, etc. To switch the back lighting on or off use the switch to the right of the squelch knob.

**Warning! Do not connect anything to this intercom other than standard aviation headsets and the equipment described herein, using approved connection cables. To do otherwise may cause damage and will void the warranty.**