

# PILOT AVIONICS

## *PILOT PA400S Stereo 4 Place Portable Intercom*

The Pilot PA400S is a 4 place stereo voice activated portable intercom.

All you have to do to use your Pilot PA400S is place a 9 volt battery in the battery compartment, plug in your headsets and turn the volume control to on. The battery compartment will hold two 9 volt batteries but only one is required for operation. The squelch knob, located below the "pilot isolate" switch, is used to compensate for background noise levels and should be set so that the intercom's voice activation turns on the intercom audio when you speak at a normal voice level.

The microphone jack on the intercom lead incorporates a Y-block with provision for two press-to-talk switches, one for the pilot and one for the co-pilot. Bear in mind that most press-to-talk switch leads have a male microphone jack as well as a female microphone socket. When using a press-to-talk switch with the PA400, the male microphone jack is plugged into the back of the Y-block. The female microphone socket is not used (the microphone jack from your headsets being plugged directly into the intercom). When the pilot's press-to-talk switch is pressed only the pilot mic is live and when the copilot's press to talk switch is pressed only the copilot's mic is live.

The "pilot isolate" switch is a 3 position switch used to isolate the pilot and/or the pilot and copilot from the intercom's audio. With the switch in the "pilot" position, the pilot will not hear the intercom audio. With the switch in the "crew" position neither the pilot nor copilot will hear the intercom audio. With the switch in the "all" position, all four intercom stations will hear the intercom audio. With the switch in the "pilot" or "crew" positions the two back seat passengers will be able to talk and hear each other on the intercom.

The audio in/out cable, when plugged into the "recorder out" socket allows the intercom audio, including any ATC transmissions, to be recorder on a suitable recording device. When plugged into the "recorder in" socket, the audio in/out cable allows the playing of stereo music or other audio entertainment over the intercom audio.

The cigarette lighter adapter allows the intercom to be powered from the aircraft's cigarette lighter.

The on/off press button to the right of the squelch knob is used to turn on and off the red back lighting for use at night. The back lighting should be left off whenever practical as it consumes battery power.

Please note, that as an added battery saving feature, the PA400S is automatically switched off when the pilot's phone plug is removed.

### **Your PA400S should have come with the following components:**

PA400S intercom  
Audio in/out cable  
Cigarette lighter adapter cable

### **Specifications and Features**

On/Off volume control  
Adjustable squelch circuitry  
Fail safe capability  
Y-adapter for two press-to-talk switches  
Powered by 9v battery  
Measures 10cm x 13cm x 4.2cm  
Weighs only 16oz (454gms)  
3 year warranty

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