

PROCOM 4 AIRCRAFT INTERCOM OPERATION GUIDE

TELEX[®]

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SYSTEM CHECKOUT AND OPERATION

1. Turn on the ProCom 4, aircraft radio and music source. Adjust the volume of the aircraft radio and music source to the desired listening level when using the cabin speaker.
2. Plug in pilot, copilot and passenger headsets and check for proper intercom operation in the three mode switch positions as summarized in the following table.

Mode Switch Operation

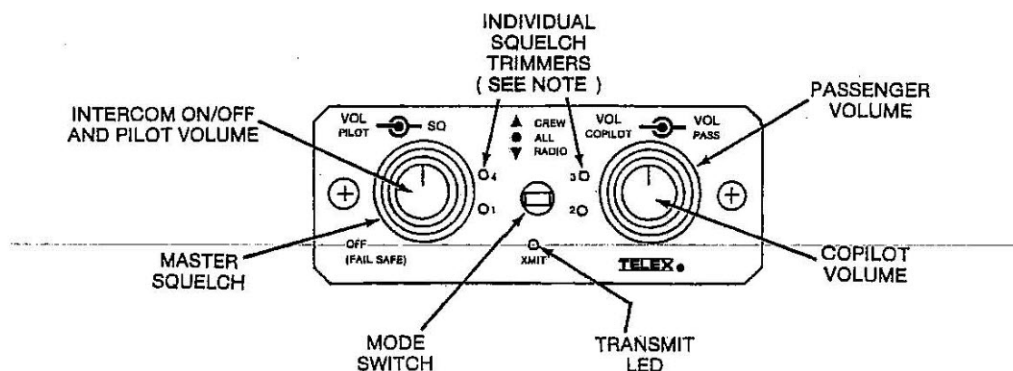
MODE SWITCH POSITION	TALK ON INTERCOM	AIRCRAFT RADIO		MUSIC/AUX SOURCE (See Note 1)
		LISTEN	TRANSMIT	
Radio (Pilot Isolate)	Copilot Passengers	Pilot	Pilot	Copilot Passengers See Note 2
All	Pilot Copilot Passengers	Pilot Copilot Passengers	Pilot Copilot	Pilot Copilot Passengers See Note 3
Crew	Pilot & Copilot on one channel Passengers on a separate channel	Pilot Copilot	Pilot Copilot	Passengers Only See Note 2

NOTES:

1. Fully muted music is obtained by removal of R113 from ProCom 4.
(See Optional Modifications.)
2. Music is partially muted by talk.
3. Music is partially muted by aircraft radio audio or talk.

3. If necessary, adjust the intercom's radio equalization trimmer so that the pilot's headphone volume level is the same when switching between the intercom and the radio.
4. If necessary, adjust the music level trimmer for the desired listening level.

CONTROLS



SYSTEM CHECKOUT AND OPERATION (Continued)

5. Set the squelch level as follows:
 - a. Turn control clockwise until sound is heard in the headphones. Now slowly rotate control counterclockwise until the headphone sound just stops. Rotate the control slightly farther counterclockwise. The sound should come back on if someone talks into a microphone.
 - b. Occasionally squelch adjustment problems may be caused by such things as different ambient noise levels at different microphones throughout the cockpit, several types of microphones being used, and different user voice levels. Use the squelch adjustment trimmers to compensate for these variations. For example: if the squelch seems to be activated too easily at one microphone position, adjust the squelch trimmer for that position to a higher squelch level (counterclockwise).
6. If a tape recorder is being used to record ATC/pilot communications, check that it is operating correctly.
7. If an intercom failure occurs, or it is desired to use the radio but not the intercom, turn the intercom off.
8. Unused headsets plugged into the ProCom 4 may cause feedback (whistling) in the intercom. To prevent this, turn down the volume controls for these headsets or unplug them.