



The AeroCom 2200 is a complete telecommunications system designed for aeronautical general aviation and military applications. The device offers many features common to a typical corporate office telecommunications system. PABX functions such as conferencing, intercom calling, transfer, executive over-ride, call queuing, voice prompts, least cost routing, VoIP, etc. are standard in all models of the system. True "office in the sky" features allow users to seamlessly migrate from corporate headquarters to flight without the need to learn special operations or the use of custom handsets. The AeroCom 2200 offers connectivity, integration and management of all

aircraft communications systems and user devices. With an internal SIP server, VoIP handsets are supported with delivery to communications transceivers in IP, PCM or analog voice protocols. The system provides connectivity to a 2-wire analog subscriber or CO circuits as well as CEPT-E1 and Ethernet digital circuits to support integration to all current and emerging communications facilities. The flexible and open telecommunications architecture permits the addition of new communications circuits at any time and the system is Broadband ready. Essentially, the system provides a communications server for the life of the aircraft.

FEATURES

- Three-party conferencing (six-party optional)
- Call queuing
- Short code dialing
- Voice prompts (instructions and messages)
- Credit card calling services
- Digital echo suppression
- Intercom calling, transfer and call back
- FAX CNG tone recognition with auto transfer
- Class of service restrictions per extension or group
- PA system and HF radio interface with VOX actuated PTT
- Standard dialing conventions: North American & European
- DISA (Direct Inward Station Access) with VOX Prompt
- VoIP with conversion to PCM or analog
- Broadband ready via dual Ethernet ports



AeroCom 2200 Specifications

SYSTEM DESCRIPTION

System Architecture:

Processor: Fan-less Pentium III or equivalent
Telecommunications: PCI Bus, H-100 architecture

Telecommunications Circuits:

- 12 each 2-Wire "Tip and Ring" subscriber (extension circuits) expandable to 20 circuits
- Single CEPT-E1 Arinc 746, expandable to four CEPT-E1s
- Six each 2-Wire bearer (CO) channels
- 16 I/O channels for discreet multi-purpose signals

Additional Circuits:

- Six each 12-volt DC utility voltages for handset power
- Dual 10/100 Base-T Ethernet circuits

Primary Power Requirements:

115-volt AC, 50 – 600 Hz, or 28-volt DC

SPECIFICATIONS

Chassis:	Standard 4MCU	
Length:	17 inches	43.18 cm
Width:	5.05 inches	12.8 cm
Height:	7.625 inches	19.37 cm
Weight:	13.00 Lbs.	6 Kgs
Connector:	Arinc 600 size 2	
Tests:	DO-160E Compliant	
Temperature:	A2	

ANCILLARY PRODUCTS

- Handsets: cordless, flight deck, retractor reel
- External ringers, call annunciators
- Credit card readers
- Complete turn-key cabin voice and data solutions

ORDERING INFORMATION

Aerocom 2200 Core System

ICG Part No. 220000-001 (115-volt AC system)
ICG Part No. 220000-101 (28-volt DC system)

Installation Kit: Standard (No Fan)

ICG Part No. 938600-010

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