

HF-9000D

Digital Airborne Communication System

Integrated multimode system provides data communication capability including transmitting and receiving text and graphics while continuing to provide superb voice HF communications



HF-9012D

HF-9087D

HF-9040

Light weight HF systems designed for use on a broad range of military fixed wing and rotary wing airborne, transportable, and fixed site applications



Features

- MIL-STD-188-141B AUTOMATIC LINK ESTABLISHMENT**
 Users cannot afford missed/garbled communications or can they be burdened with the complexity of finding the right frequency. ALE allows the HF-9000 D/F system to tune to the optimal frequency to provide the best available voice/data channel.
- SELCAL**
 Customers can no longer afford to dedicate valuable aircrew time to monitoring radio frequencies for incoming transmissions. They need an automated alert function to notify them when an incoming transmission occurs. The HF 9000 D/F's embedded ARINC 714-6 SELCAL capability allows aircrews to be notified when other sites are transmitting to them.
- INTERNAL MODEM**
 Robust data communication is critical for today's applications. The HF-9000 D/F provides internal modem waveforms with data rates up to 19,200 bits per second per MIL-STD-188-110B Appendix F.

Specifications

- 200 W PEP, 100 W average, operator selectable for 50 10 W PEP and average
- 2.0000 to 29.9999 MHz frequency range
- Operates in USB/LSB/AME voice or USB/LSB/ISB data and continuous wave (CW)
- Manual, RS-232 and MIL-STD-1553B control
- Embedded MIL-STD-188-141B automatic link establishment (ALE) with link protection
- Specification Temperature: -40° C to +55° C

Equipment list

- HF Receiver/Transmitter & Mount
- HF Antenna Coupler & Mount
- HF Control & Mount
- Connector Kits
- Feedline Adapter

Current HF9000 Platforms

- Rotary wing applications: Westlands Lynx, H-3 Seaking, Super Puma, Dauphin, BO-105, A-109, CH-46, CH-47, AH-64, UH-60, CH-53, Bell 412/212, OH-58, UH-1, AH-1, S-70, S-92, Cougar, Tiger, NH-90, Fennec, EC-635

- Current fixed wing applications: Gulfstream III/IV/V, Challenger 601/604, Global Express, Canadair RJ, Beechjet 400, Falcon 20/50, Falcon 900/2000, Saab 2000 BAE 125-800, C-130, CASA CN-235/212/295, Atlantic, Lear 55, EMB-145, U-2