

DHS-121

ANALOG INTERCOMMUNICATION SYSTEM

FULLY ANALOG INTERCOMMUNICATION
VOX & REMOTE RADIO SELECTION CAPABILITY
HIGH QUALITY AUDIO





DHS-121

ANALOG INTERCOMMUNICATION SYSTEM

DHS-121 is an analog Intercommunication System (ICS). The System provides communication between pilot and co-pilot, communication equipment management and integrating audio and intercom facilities together with all audio caution and warning messages.

DHS-121 provides reliable and intelligible high quality audio communication for noisy military environments.

DHS-121 can be easily configured to meet the complicated communication system needs for multi-users.

Subassemblies

- Communication Systems Control Unit (HSKB) (User interface for adjustments and selections)
- Audio Distribution Unit (SDB) (Audio distribution for control panels)



Communication System Control Unit (HSKB)



Audio Distribution Unit (SDB)

General Specifications

- Radio Receiver/Transmitter Channels Control
- Navigation Receiver Channels Control
- Controlled Direct Receiver Channels
- Uncontrolled Direct Receiver Channels
- Interphone Channels Management
- Voice Operated Transmit (VOX) Capability
- Sidetone Capability
- Remote Radio Transmit Selection Available for HOCAS Operation
- Radio Relay Functionality
- Voice Recorder Output
- Noise Reduction Capability

Interfaces

- Analog Audio I/O Interfaces
- Discrete I/O Interfaces

Physical Specifications

- Dimensions
 - HSKB : 67 mm (H) x 146 mm (W) x 150 mm (D)
 - SDB : 73 mm (H) x 158 mm (W) x 211 mm (D)
- Weight
 - HSKB : 1.25 kg
 - SDB : 1.20 kg

Technical Specifications

- Power Input: 28 VDC (Nominal)
- Power Consumption
 - HSKB : 12W (Nominal) / 15W (Maximum)
 - SDB : 13.5W (Nominal) / 16.5W (Maximum)

Environmental Conditions

- Operating Temperature and Altitude: -40°C / +71°C, 15.000 ft
- Storage Temperature: -55°C / +85°C

Qualifications

- MIL-STD-461E
- MIL-STD-810F
- MIL-STD-704 C/F