

DHS-200

DIGITAL INTERCOMMUNICATION SYSTEM

FULLY DIGITAL
INTERCOMMUNICATION

FULL SYSTEM
REDUNDANCY

SOFTWARE CONFIGURABLE
SYSTEM INTERFACES



DHS-200

DIGITAL INTERCOMMUNICATION SYSTEM

DHS-200 Series is a Digital Intercommunication Systems (ICS) family. The System provides communication between aircraft crewmembers, managing communication equipments, and integrating audio and intercom facilities together with all audio caution and warning messages.

DHS-200 provide reliable and high intelligible high quality audio communication for noisy military environments. Architecture of DHS-200 Series provides redundancy of all critical functions.

DHS-200 Series are capable of supporting different pre-programmed ICS configurations. It can be easily configured without any hardware changes.

Subassemblies

- Digital Audio Control Panel (DACP) (User interface for adjustments and selections)
- Digital Audio Distribution Unit (DADU) (Audio distribution for control panels)



Digital Audio Control Panel



Digital Audio Distribution Unit

Features

- Radio Receiver/Transmitter Channels Control
- Navigation Receiver Channels Control
- Controlled and Uncontrolled Direct Receiver Channels Support
- Interphone Channel Management
- Voice Operated Transmit (VOX) Capability
- Sidetone Capability
- Remote Radio Transmit Selection Available for HOCAS Operation
- Radio Relay Functionality
- Voice Recorder Output
- BIT (Built-In Test) Capability
- Tone Generation and Control

Qualification

- EMI/EMC : MIL-STD-461
- Environmental : MIL-STD-810
- Power : MIL-STD-704

Physical Specifications

- Dimensions
 - DACP : 76 mm (H) x 146 mm (W) x 179 mm (D)
 - DADU : 260 mm (H) x 200 mm (W) x 75 mm (D)