

DIGITAL INTERCOM & TELECOM SYSTEM DITS 3000



FEATURES:

- Ease of Use
- LCD Display and Intuitive Controls
- Superior Voice Clarity
- Increased Functionality with Reliable Data Capability
- Built-in Noise Cancellation (FFNS)
- Active Noise Reduction Headsets
- Cost Effective, Scalable and Flexible for Different Platforms
- Real-time BIT and Automatic Fault Monitoring
- Redundancy as provided by Ring-type architecture

COMPONENTS

- **CMU-Central Multimedia Unit**
- **ACU-Advanced Crew Unit**
- **BCU-Basic Crew Unit**
- **EPU-Extended Processing Unit**
- **EFT-Extended Field Telephone**
- **LS-688 - low power consumption speaker**
- **ANRH (Active Noise Reduction Headset)**
- **PSP- Power Surge Protector**
- **RJU – Rear Junction Unit –**
- **Optional Units**
 - (1) DMU-Data Modem Unit
 - (2) VRU-Voice Recorder Unit
 - (3) GWC-LAN gateway controller

SYSTEM POWER

- Input voltage:24V DC
- Overvoltage protection range: 32V DC(default is 28.8V DC)
- Power consumption(@24V): ≤22Watts
- Lowest working voltage(continue):16V DC
- Instantaneous lowest working voltage(30sec):11V DC

MAIN RING NETWORK INTERFACE

- Speed of network:10Mbps
- Transmit type: Full Duplex mode
- Transmit cable impedance:100 ohm
- Coding mode: Manchester Phase Encoding
- Power conduction: signal and current separated
- Signal coupling: TX/RX 1:1 transformer

ANR INTERFACE FEATURE

- Power output: 3.6V±0.15V 500mA (Max.)
- Microphone input impedance: 150ohms, Balanced
- Rated source strength adjusting range:1~500mVrms, 0.5dB/step; 8.9mVrms (default)
- Strength of output signal: 1.414Vrms (Max/ no load voltage)

DIGITAL INTERCOM & TELECOM SYSTEM DITS 3000

DITS 3000 is a modern digital intercom system for wide variety of platforms ranging from light transport to heavy armored vehicles. It replaces the conventional analog systems with latest networking and digital technologies. The system itself is designed as a Local Area Network (LAN) and employs VOIP technology. So in addition to the high quality voice communication, it also provides data capability reliably. The system has a modular design that allows a high level of flexibility and cost-saving when increasing the number of users or when integrating additional equipment. The main control unit, called the Central Multimedia Unit (CMU), may be connected to WAN thereby bolstering the functionality of the communications through a gateway.

