



IKT110 - INTERNAL COMMUNICATION SYSTEM WITH RADIO INTERFACE

IKT110, DEVELOPED FOR ARMoured VEHICLES, SUPPORTS UPTO 9 USERS FOR IN-VEHICLE AND RADIO COMMUNICATION. WITH ITS MODULAR USER STATION CONFIGURATION IT OFFERS A COMMUNICATION SYSTEM FOR DIFFERENT SIZED VEHICLES. IT SUPPORTS USE OF HEADSETS AND ALSO EXTERNAL LOUDSPEAKER IN THE VEHICLES. IT ALSO PROVIDES RADIO AUTHORIZATION FOR THE CREW THROUGH COMMANDER'S USER STATION.

Components

- IKT110 Main Unit
- IKT110 Headset (Military)
- IKT110 User Station
- IKT110 User Station (Commander)



Functional Specifications

- Digital voice communication
- In internal communication, all users can be involved in the conference circuit.
- It provides two separate transmit / receive options. When the commander give authorization, all users can listen to all radios and transmit the selected or default radio.
- Full duplex intercommunication capability (All users can communicate at the same time)

- Internal communication and radio can be listened simultaneously.
- Authorized users can transmit by means of three-position PTT found on the headset.
- It provides clean sound with low noise level.
- PC-based software is available for management and software update.
- A total of 9 users can be connected to the system.
- Special mechanical chasis resistant to shock and vibration is used.
- EMC specifications are in accordance with MILSTD 461 standards.
- Environmental conditions are tested according to the MILSTD 810.

IKT110 MAIN UNIT Specifications

- Operating Voltage: 18-36V DC
- Operating Temperature: -32°C / +55°C
- Storage Temperature: -40°C / +70°C
- Power Consumption (maximum): 25W
- Color: RAL6003(optional)
- Waterproof: IP65

IKT110 HEADSET (MILITARY) Specifications

- Speaker power: 70mW (min)
 - Cable Length: 150 cm (+/-10cm)
 - PTT: 3 position PTT (transmit radio, internal call, listen only)
 - Operating Temperature: -32°C / +55°C
- It is suitable to use with CBRN masks.

IKT110 USER STATION Standart User Station Specifications

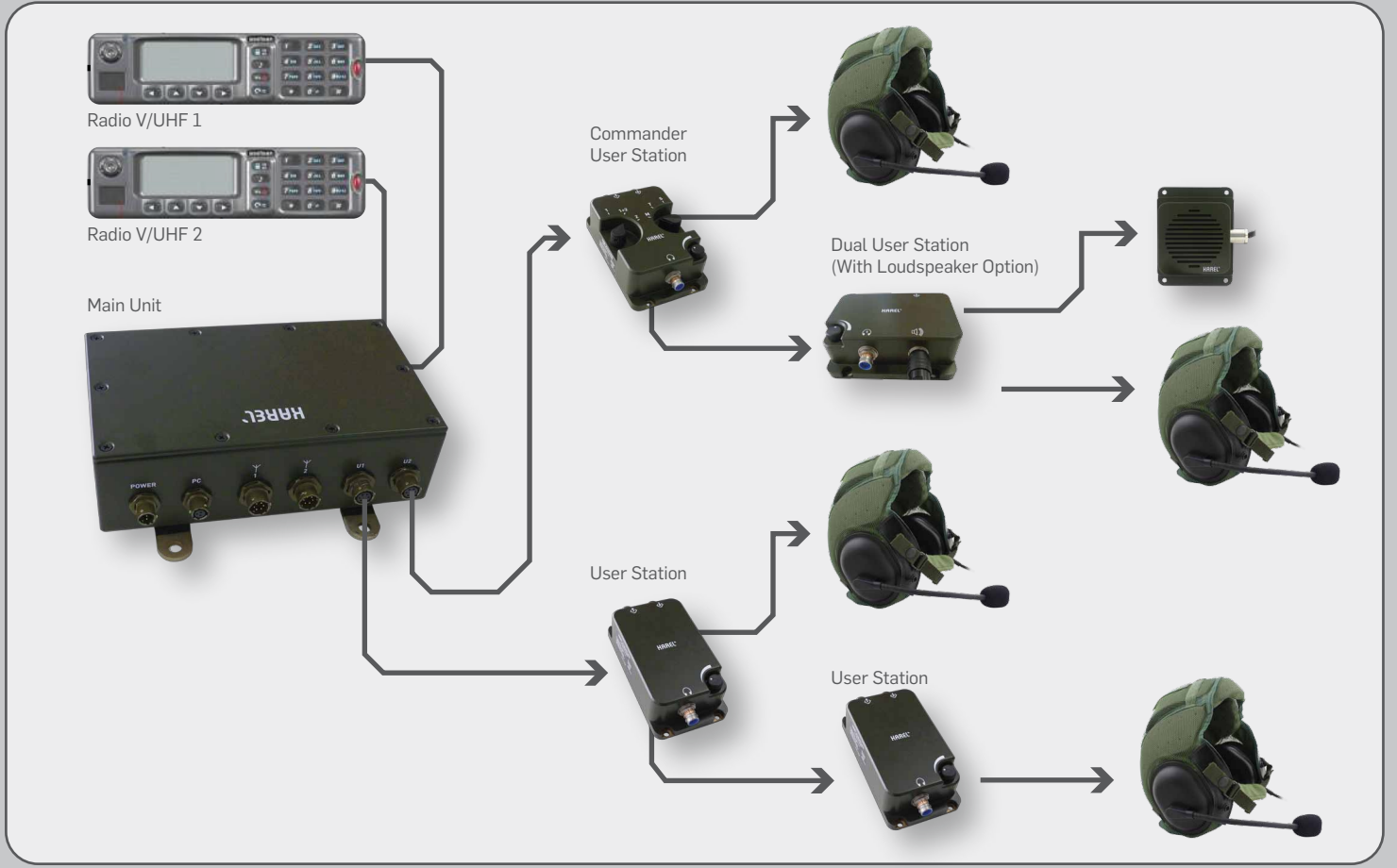
- One headset connection
- Headphone volume setting

Commander User Station Specifications

- One headset connection
- Headphone volume setting
- Radio Authorization and Radio Selection control

User Station (Two Users) Specifications

- Two headset connections
- Independent headset volume settings



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