

Radio Gateway

HX Radio, Stars – V, CNR, Motorola

*Analog - Analog, Analog - Digital, Analog - POC, Digital - POC, Analog - Digital - POC
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Radio Gateway is an interconnect to bridge different Radio Networks together. Gateway bridges the gap of interoperability between the Conventional, Digital Radios and Analog Radios. It allows users to use their existing Analog Radios along with Digital Radios and enables communication between them. Our Gateway provides interface to connect Mobile Base stations or Portable Handheld as needed. Our Gateway can work with almost all brands of Two Way Radios.

FEATURES

- Supports upto 4 Radio Network in same system
- Interconnectivity between multiple radio networks
- Cross Patch between multiple radio networks, band at same location
- Cross Patch feature can be pre-configured or on user request using dialing
- Web based Configuration Settings
- Carrier/ Vox operated Mode (*programmable*).
- Selectable CSQ or PTT priority feature.
- Adjustable PTT Delay Transmission
- Programmable PTT Time out Timer (TOT).
- Multiple Groups for intra radio communication between the radio ports
- Dtmf Decoder for Dialing Radio Network or Group Selection for Patching
- Manual Patch/ Auto Patch for Bridging Radio Networks
- Auto Patch Time Out Timer for Bridge Mode Disconnection in case of no communication.

For Army Purpose Only

- Inter connectivity between all tactical radios and walkies.
- Interconnectivity between HF radios, VHF radios and UHF radios.
- Tactical radios like Stars V, CNR and Motorola can be interconnected.
- The communication between above mention radios can be done in secure mode as well.

SPECIFICATIONS

Connection Ports

- Four Radio Ports (4 x RJ 45 connector) - *Interconnecting 4 Radios*
- One Configuration Port (1 x Ethernet Connector)
- One Power Pin Socket - *9V DC Supply Input*

Led Status Indication

- Four Dual Color Radio Status Indication (Rx / Tx)
- Single Color Power Led

General

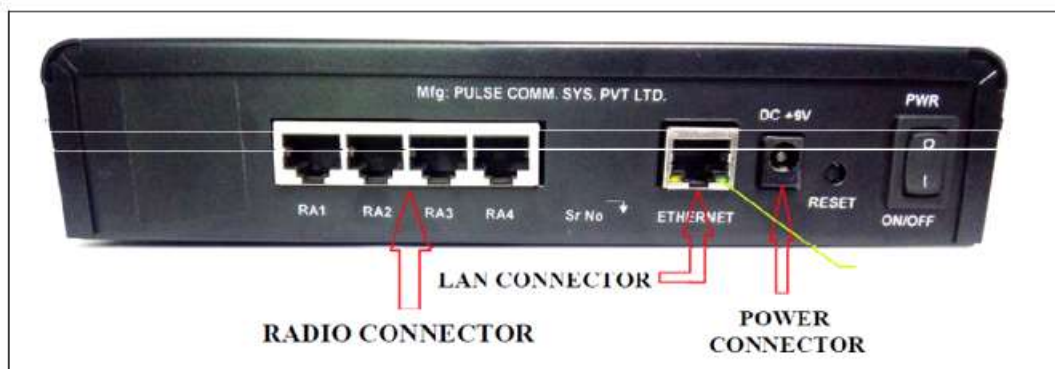
- Operation Temperature Range: *-10 to +55 Celsius*
- Power: *9V DC, 500mA*
- Network Connection: *10/100 Base-T Ethernet connection*

Radio Signals Used

- PTT (Open Collector signal 0V –24V)
- Carrier (High to Low, Low to High - Configurable)
- Receive Audio (400 mV Signal)
- Transmit Audio (10 mV - 2V Adjustable)
- GND



FRONT VIEW



BACK VIEW

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