Minimum Size, Weight & Power Maximum Utility

Tactical Innovation
Sharing access to radios improves situational awareness and ensures the most efficient and cost effective use of valuable assets.

Resilience remotes allow dismounted users to exploit the benefits of local voice networking previously only available in vehicle or static HQs.

Flexible
Tactical remotes simplify site selection, ease the burden of watch-keeping, reduce battery consumption and eliminate constraints imposed by headset or antenna lead lengths.

Tactical Radio Remotes (TRR) provide intuitive access to radio, full duplex intercom and a call facility. The Remote Combining Unit (RCU) adds functions which enable a single operator to efficiently manage two radio nets.

Doing More with Less
As former users we’re passionate about delivering minimum Size, Weight and Power (SWaP) without compromising ruggedness, simplicity or capability.

• Remote up to 3km over field cable
• Extremely low power
• Full duplex intercom
• Small, light and tough
• Intuitive; minimal/no training
• Dynamic or electret microphones monaural or binaural ancillaries

“A can do supplier of valuable battle winning fusion equipment”
UK MoD
**GENERAL CHARACTERISTICS**

**Operating modes**
- RAD - Half Duplex
- INT - Full duplex intercom
- CALL – 2kHz alert tone

**Line Interface**
Self stripping, polarity independent terminals with over voltage protection

**Audio Ancillaries**
- Dynamic or electret microphones
- Monaural or Binaural Headsets

**POWER**
TRR and RCU are powered from the radio audio interface. For radios that cannot supply power, the system scavenges power from any suitable 6 - 40V DC source (used radio batteries etc)

**Power**
Typically < 1W

**Consumption**

**PHYSICAL CHARACTERISTICS**

**Dimensions**
- TRR: 120 x 46 x 44mm
- RCU: 128 x 100 x 44mm

**Weight**
- TRR: 190g (0.42 lbs)
- RCU: 325g (0.71 lbs)

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**Tactical Radio Remote (TRR)**
TRR can be used interchangeably to interface a radio with field cable or terminate the remote link with a headset connection. For shared radio access, multiple TRR can be linked. The full duplex intercom facility is available in all scenarios, with or without a radio.

**Remote Combining Unit (RCU)**
The RCU allows a single operator to manage two radio links remoted via TRR. The RCU delivers an intuitive, effective solution for dismounted command posts and includes a secondary Staff user position.

When used in conjunction with binaural headsets, the RCU allows users to determine which radio is heard in the left, right or both ears and on which radio PTT is active.

RCU also incorporates the full duplex intercom facilities provided by TRR.

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**Tactical Voice Bridge (TVB)**
TVB works seamlessly with TRR to provide communications glue between radios of any band, protocol or crypto to enable interoperability or quickly enhance coverage in buildings, tunnels or dense urban areas.

**Modular Platform Intercom (MPI)**
Resilience radio remotes represent a cost effective, multi user intercom solution for vehicles and boats. TRR is fully compatible with Resilience MPI dedicated platform intercoms.