

TruLink

Wireless Intercommunication System



Telephonics' TruLink® Wireless Intercommunication System is the ideal choice for all of your untethered, hands-free communication needs. Whether on the land, sea or in the air, TruLink will provide flawless intercommunications coverage to ensure the reliability, safety and mobility of all users.

Reliable Wireless Intercommunications

TruLink is a versatile full-duplex wireless intercom, operating reliably in high-noise environments while providing resistance to shock, vibration, moisture, sand, dust and extreme temperatures.

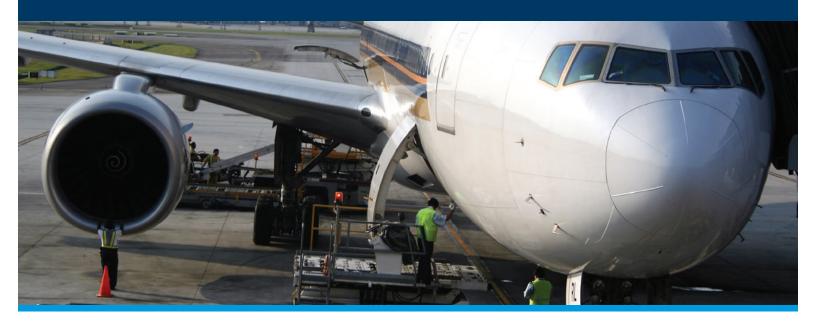
Unparalleled Features

- Clear communications in high-ambient noise environments
- Hands-free, full-duplex operation
- Simple user controls
- Voice menus for ease of operation
- 100 channels, with 31 users per channel and 6 simultaneous speakers
- Can operate as a stand alone system or as a wireless extension to an existing Intercommunications System (ICS)
- Small size and lightweight



TruLink enhances operations and increases operator safety.

Commercial Flightline Operations



Wide Base of Deployed Systems

TruLink is proven in a variety of air, land and sea applications for commercial and military users with the most extensive set of aircraft certifications.

- Flightline operations
- Aircraft production
- Transport
- Rotary-wing
- Fighters
- Maritime
- Ground vehicles
- Unmanned systems

Technical Specifications (Standard TPT)

- TruLink Portable Transceiver size (without antenna):
 6.1 I x 2.9 w x 1.9 d (in.)
- TPT weight: 11 oz. (with 3 AA batteries)
- Operating time: 8 hours
- Frequency: 2.4 GHz
- Range: up to 2,500 ft. (line-of-sight)
- Operating temperature: -40°C to +55°C
- Spread spectrum: frequency hopping, 50 hops per sec.
- Number of channels: 100
- Number of users per channel: 31 (6 simultaneous speakers)
- MIL-STD-810F: Environmental Engineering and Laboratory Test



TruLink is a trusted, proven technology during search and rescue operations.

- MIL-STD-704A: Aircraft Electric Power Characteristics
- MIL-STD-464: Electromagnetic Environmental Effects Requirements
- MIL-STD-461E: Control of Electromagnetic Interference, Characteristics of Subsystems and Equipment
- Hazards of Electromagnetic Radiation to Ordnance (HERO approved)



Ground Vehicle Systems



TruLink Units

- TruLink Portable Transceiver (TPT) Standard TruLink transceiver
- Dual Portable Transceiver (DPT) Used as a portable interface to an existing wired ICS
- Submersible Portable Transceiver (SPT) Used as a transceiver in maritime environments
- TruLink Access Point (TAP) Permanent interface that can be wired into an existing ICS to extend communications to wireless users
- Encryption Options
 - Wireless Encryption Device (WED)
 NSA Type 1 Certified
 - Software-based, FIPS-140 encryption
 - Additional encryption options available



TruLink is trusted by military and commercial users.



TruLink Wireless Intercommunication System



TruLink Accessories

Battery Chargers

- Telephonics offers different battery charging options for your TPT, SPT or DPT

Platform Interface Cable (PIC)

- Cables that create an interface from a DPT to a variety of air, land and sea platforms

TruLink Speaker Microphone (TSM)

- A small, portable speaker microphone that is connected to TruLink and worn by the user

TruLink Auxiliary Speaker System (TASS)

- Enables monitoring of TruLink system communications without a headset or handset

Headsets

- Multiple headsets are available for specific user applications

Software

- Tailors operation to specific user requirements via software

Pouches

- Military, OSHA-orange and custom colors available
- DPT Nosewheel Bag with "Remove Before Flight" flag safely holds the DPT and PIC cable

For additional information, contact Telephonics at 631.755.7000 or visit www.telephonics.com.



