
Transtek wireless communication systems

Transtek designs and manufactures wireless communication systems for transmission limited environments, where ordinary mobile radio handsets function poorly due to obstructions in the workplace or interference from machinery or the natural surroundings.

ComCell—*In-mine or in-building systems with unlimited range and coverage*

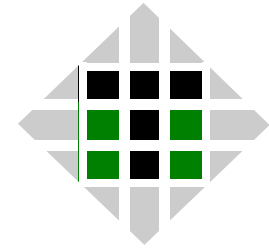
TeleMag—*Through-the-earth systems providing two-way voice or data transmission in real time between the surface and underground facilities.*

UniTrans—*Single repeater systems for small facilities.*



Mobile radio handsets for system access

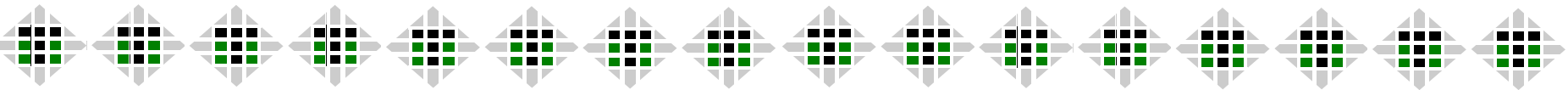
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The Ron Conti* Res-Q-Com System



Transtek, Inc.
*Communication systems for
transmission limited
environments*



The Ron Conti* ResQCom System

ResQCom is a self-contained, portable, battery-operated system that provides voice communication and a lifeline for rescue teams.

Features

Mobile reel stand provides portability.

1000 foot lifeline and electronics provides means of egress plus direct communication with fresh air base.

Battery operation permits use with no outside power source for use in excess of four hours.

4-mode operation provides choice of communication modes:

- Among team members only
- Between team & fresh air base
- Between fresh air base and command center
- All of the above

Optional boom & throat microphones permit hands-free operation

Optional repeater provides extended communication with command center.



Optional throat microphone for hands-free operation

ResQCom advantages

ResQCom allows rescue teams and their support personnel to overcome the limitations of handheld mobile radios in underground environments. A 1000 foot lifeline guarantees over 1000 feet of range. Combining electronics and lifeline provides integrated communication and backup egress systems for situations with limited visibility.

Old technology sound powered phones provide communication only to the team captain. **ResQCom** permits all team members to be in constant contact with each other and, if they choose, team members can also be in touch with the fresh air base, the command center, or both.

Optional accessories allow team members to communicate hands-free, an option not available with older technology systems.



Optional UniTrans repeater for extended range between fresh air base and command center

Basic System

Portable reel with 1000 foot lifeline and integral communications electronics.

Options

Mobile radio handsets

ResQCom is designed to operate with mobile radios provided by Transtek, but can often be adapted for use with customers' existing radio sets. To inquire about interfacing with existing radios, provide manufacturer's name, model number, frequency and programming settings to Transtek.

Lapel microphone

Boom microphone / earphone set

Throat microphone / earphone set

12 volt battery charger

UniTrans repeater with permanent, rechargeable battery and charger

** The Ron Conti ResQCom system was named in memory of Ron Conti, who devoted his career to fighting disasters and saving lives in the mining industry worldwide. Ron provided valuable guidance and direction in the development of the ResQCom system.*

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