



KEY FEATURES

- Geodetic control
- Topography
- Stakeout
- Cadastral
- Marine
- High-precision GIS



A RADIO SOLUTION FOR GPS BASE STATIONS

HIGH-PERFORMANCE FLEXIBILITY

The Trimble® PDL450 radio is a radio modem data link designed specifically for use with GPS base stations. Trimble PDL450 is compact and lightweight, while still being rugged enough to provide high performance even in the toughest survey environments.

Easy to use and highly reliable, the Trimble PDL450 radio is capable of broadcasting or repeating real-time data used by Trimble GPS receivers, including the Trimble R8 and 5800, and the Trimble R7 and 5700. It is easily mounted on the same tripod as the receiver or on its own tripod using mounting hardware included as standard equipment.

LICENSING APPROVAL

The Trimble PDL450 radio is designed to meet the licensing and approval requirements (ETSI 300-113) in Europe as well as many other countries around the world.

RUGGED AND LIGHTWEIGHT

The Trimble PDL450 radio is built tough to withstand the harsh job site and weather conditions common in GPS RTK field surveying. Fully sealed against dust, rain, splash and spray, Trimble PDL450 keeps operating through all seasons and all applications.

Double-shock-mounted electronics enhance reliability, and built-in mounts simplify tripod mounting. Additional benefits of the radio's rugged construction include reduced downtime and ownership costs.

Despite its ruggedness, Trimble PDL450 is lightweight and compact enough to carry anywhere, weighing less than one pound.

REPEATER CAPABILITIES

In addition to its base station capabilities, Trimble PDL450 offers maximum flexibility as a repeater.

As a transmitter, under optimal conditions, Trimble PDL450 broadcasts data up to 10 km line-of-sight. Network coverage can be enhanced by the use of two repeaters.

As a repeater, Trimble PDL450 enables you to reach inaccessible or obstructed locations due to its extended range and seamless coverage around obstacles. Because it is so versatile, one extra radio can be used as a backup or as a "spare" for multiple tasks; this maximizes your uptime.

