

The field expert

R&S® PR200 PORTABLE MONITORING RECEIVER



ROHDE & SCHWARZ

Make ideas real

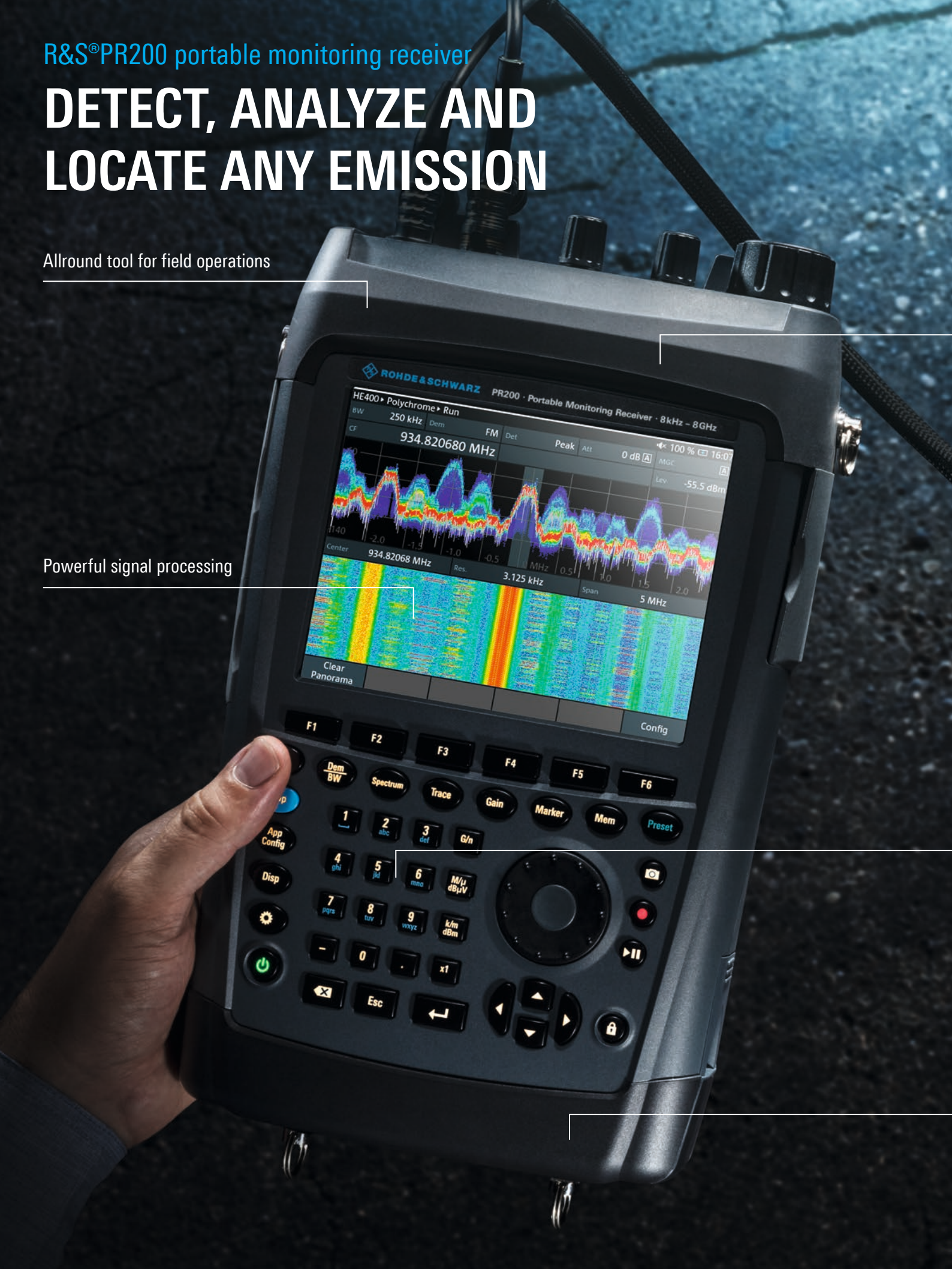


R&S®PR200 portable monitoring receiver

DETECT, ANALYZE AND LOCATE ANY EMISSION

Allround tool for field operations

Powerful signal processing



A hand is holding a black, rectangular antenna module. The module has a label with the Rohde & Schwarz logo and the text "HE400LP Antenna Module" and "450 MHz - 8 GHz". A black braided cable is attached to the bottom of the module. The background is a dark, textured surface.

Excellence in RF characteristics

Efficient handling

Reliable and field-proven

Allround tool for field operations

Supports a wide range of applications in various spectrum scenarios

- ▶ Wide frequency range from 8 kHz to 8 GHz (18 GHz)
- ▶ Extensive analysis tools, visualizations and mapping
- ▶ Parallel time and frequency domain analysis
- ▶ Prepared for 5G

Powerful signal processing

Detects and visualizes even shortest emissions

- ▶ Two parallel signal processing paths
- ▶ Fast scan speed up to 40 GHz/s
- ▶ Minimum signal duration < 1.5 μ s with 100 % probability of intercept (POI)
- ▶ Extensive recording and replay capabilities for documentation and post-mission analysis

Efficient handling

Application-oriented, simple user interface

- ▶ Quick access to user-configurable monitoring (app cockpit) and recording functions
- ▶ Easy-to-plug connectors
- ▶ Smartphone app

Excellence in RF characteristics

Detects even weak emissions near strong transmitters

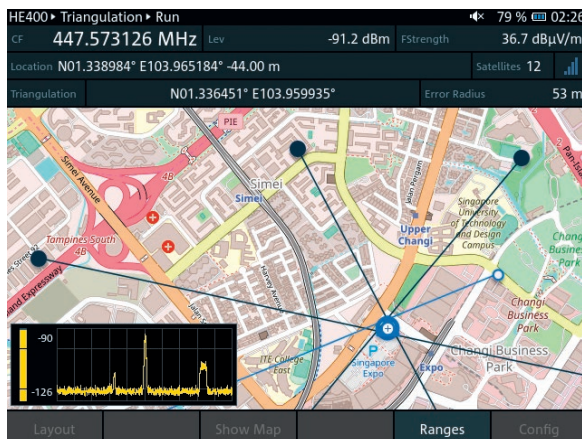
- ▶ High sensitivity
- ▶ High linearity
- ▶ High dynamic range
- ▶ Realtime bandwidth up to 40 MHz

Reliable and field-proven

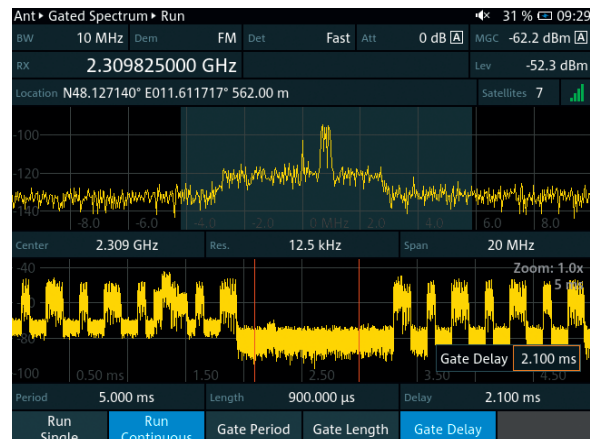
Designed for operation in the field

- ▶ Quick and easy antenna connection
- ▶ Good display readability and backlit keypad
- ▶ Weighs only 3.5 kg, including battery
- ▶ Operating time > 3.5 h on a single battery

Map displaying geolocation by triangulation



Parallel time and frequency domain analysis



The R&S®PR200 combines excellent RF characteristics with high signal processing performance and operational efficiency. Optimized and designed especially for field operations, it combines an intuitive, application-oriented user interface with a comprehensive, newly expanded range of functions. This makes the portable receiver an irreplaceable device for many radiomonitoring and interference mitigation applications, including:

- ▶ Interference hunting
- ▶ Signal parameter measurements
- ▶ Spectrum clearance and compliancy verification
- ▶ Radio reconnaissance and surveillance



Service that adds value

- ▶ Worldwide
- ▶ Local und personalized
- ▶ Customized and flexible
- ▶ Uncompromising quality
- ▶ Long-term dependability

About Rohde & Schwarz

The Rohde & Schwarz electronics group offers innovative solutions in the following business fields: test and measurement, broadcast and media, secure communications, cybersecurity, monitoring and network testing. Founded more than 80 years ago, the independent company which is headquartered in Munich, Germany, has an extensive sales and service network with locations in more than 70 countries.

Sustainable product design

- ▶ Environmental compatibility and eco-footprint
- ▶ Energy efficiency and low emissions
- ▶ Longevity and optimized total cost of ownership

Certified Quality Management
ISO 9001

Certified Environmental Management
ISO 14001

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PR200 Portable Monitoring Receiver

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