



# R&S®NRX POWER METER

The new power meter generation with modern and intuitive user interface

The perfect choice for



Easy RF power measurements	Multi-channel measurements
RF pulse analysis	System integration

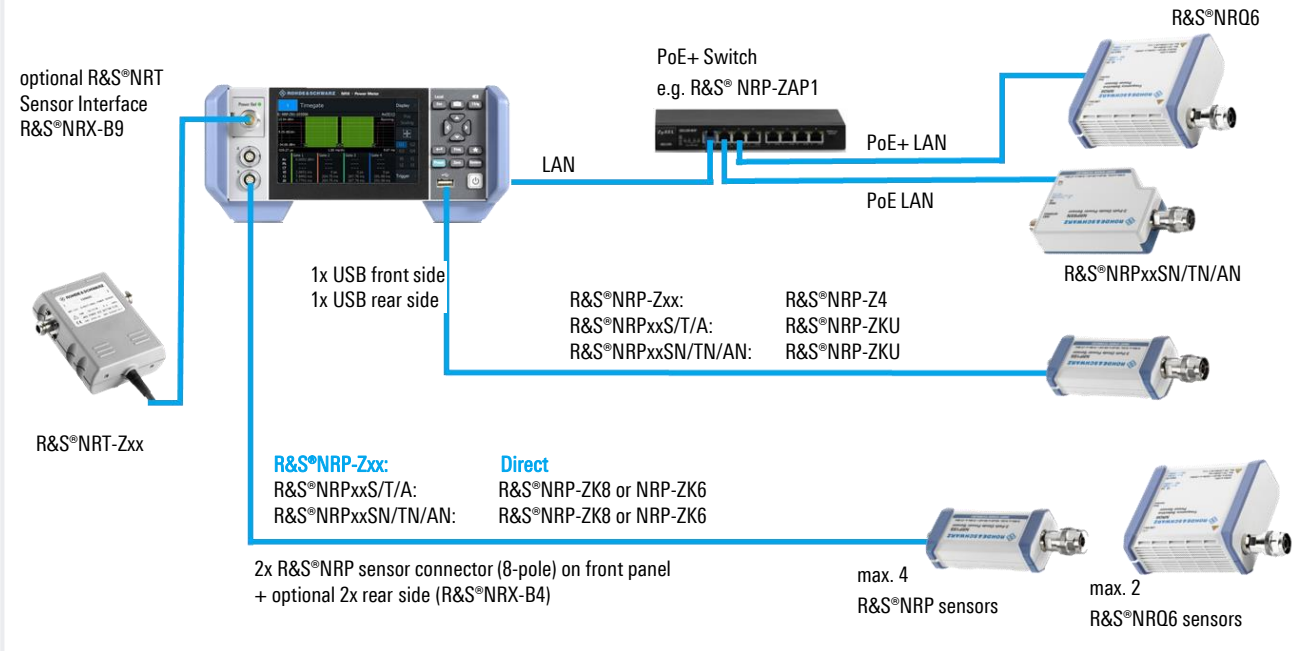
Key specifications	
Frequency range	DC to 110 GHz (sensor dependent)
Power measurement range	0.1 fW to 30 W (average) (sensor dependent)
Measurements channels	1 to 4
Display size	5"/12.7 cm
Display resolution	800 x 480 pixel (WVGA)
Touch panel	yes
Compatible sensors	R&S®NRPxxS(N)/T(N)/A(N) series R&S®NRP-Zxx series R&S®NRQ6 frequency selective power sensor R&S®NRT-Zxx directional power sensors
Weight	2.35 kg to 2.58 kg (option dependent)

## Key features

- ▶ Intuitive operation with touchscreen based GUI
- ▶ Supports up to four R&S®NRP and R&S®NRQ6 power sensors
- ▶ Supports all sensor-dependent measurement functions
- ▶ Optional high-precision CW and pulse mode reference source module
- ▶ Optional power reflection measurements with R&S®NRT-Zxx sensors

Your benefit	Features
Easy to use	<ul style="list-style-type: none"> <li>▶ Clear color touchscreen supports the intuitive, window based operating concept.</li> <li>▶ Color-coded key parameters and functions can be seen at a glance.</li> <li>▶ Results are presented in numerical and graphical display windows that can be easily configured.</li> </ul>
Sensor check source	<ul style="list-style-type: none"> <li>▶ Superior pulse reference generator</li> <li>▶ Test source for sensors and DUT</li> <li>▶ Variable mode (CW/pulse), frequency (50 MHz/1 GHz) and discrete power steps</li> </ul>
All-in-one base unit	<ul style="list-style-type: none"> <li>▶ Supports multipath, thermal, wideband and averaging sensors</li> <li>▶ Supports frequency selective power sensors</li> <li>▶ Supports directional power sensors</li> </ul>

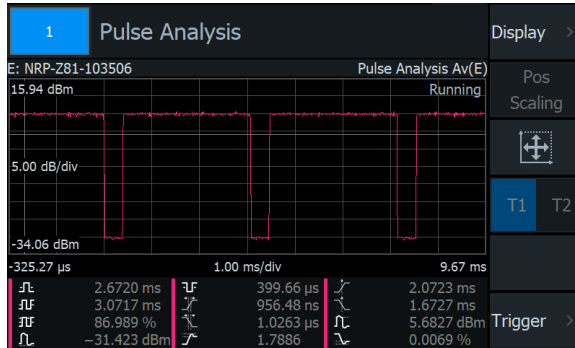
## Universal sensor connectivity



## Ordering information

Ordering information	
<b>Base unit</b>	
Power meter	R&S NRX
<b>Hardware options</b>	
Sensor check source	R&S NRX-B1
Third (C) and fourth (D) sensor connector for R&S NRP	R&S NRX-B4
GPIO/IEEE488 interface	R&S NRX-B8
Sensor interface for R&S NRT	R&S NRX-B9
<b>Software options</b>	
Second measurement channel	R&S NRX-K2
Third and fourth measurement channel	R&S NRX-K4
<b>Recommended accessories</b>	
19" rack adapter (for one R&S NRX power meter and one empty casing)	R&S ZZA-KNA22
19" rack adapter (for two R&S NRX power meters)	R&S ZZA-KNA24
<b>Recommended extras (should be ordered with R&amp;S NRP power sensors)</b>	
8-pole interface cable, length: 1.50 m	R&S NRP-ZK8
8-pole interface cable, length: 3.00 m	R&S NRP-ZK8
8-pole interface cable, length: 5.00 m	R&S NRP-ZK8

## Automatic pulse analysis



All R&S NRP-Z8x wideband power sensors allow automatic pulse analysis. Up to 12 of 18 user-selected pulse parameters can be displayed in addition to the measurement trace.

## Flexible device interfacing

