

Specifications



RF EXPLORER® RACKPRO

Spectrum Analyzer + RF Coordination Software

The RF Explorer® RackPRO is a hardware/software spectrum analysis platform for managing and monitoring any wireless audio system from a laptop or equipment rack. Powerful frequency coordination and interference monitoring is now easy to master and within budget for venues large and small. While most spectrum analyzers offer laboratory precision across wide frequency ranges, the RackPRO is designed with essential features that operate only in the range required for wireless mics and IEMs.

Never fly blind again with real time, scalable visualizations that illuminate local spectrum at the click of a mouse or push of a button. The RackPRO delivers a real time view of RF activity so you can stay ahead of interference and have confidence in your wireless systems.

The included Clear Waves PC software (with three licenses)s creates instantly calculated sets of intermod-free frequencies molded to the spectrum inside your facility—not from a static FCC or equipment list database. Choose to let Clear Waves do all the work, or fine tune whitespace thresholds, step size, and other parameters. Edit and export frequency sets to PDF, .CSV, Professional Wireless Systems® IAS, or Shure® Wireless Workbench compatible files.



Electrical

Operating frequency	240-960 MHz
Impedance (nom).....	50Ω
Max input power	+30 dBm
Modes	Peak Max, Max
Hold, Normal Overwrite, Average	
Display	LCD
Resolution Bandwidth.....	Auto; Max .025 MHz
Dynamic range	-115 dBm-0 dBm
Average noise.....	-115 dBm
Supplied antenna	1X dipole

Physical

Dimensions.....	480(W) X 45(H) X 260(D) mm
Input AC voltage.....	110-240 V switching
RF input connector	BNC female
Weight.....	2.15 kg
Mount location.....	19" rack
Power connection.....	IEC 3-prong
PC cable	USB type A male > type B male
Connector(s).....	BNC female

System Requirements

OS.....	Windows XP Professional, Windows Vista, Windows 7, Windows 8 (32 or 64-bit).
Microsoft.NET framework v4.5 or later	
Min hard disk.....	300 MB