

# PMM RA01

## Low frequency rod antenna

### Main features

- 9 kHz to 30 MHz (RA01);  
150 kHz to 30 MHz (RA01HV)  
frequency range
- Built-in preamplifier for  
high sensitivity
- Rechargeable battery  
of long operation time
- Excellent flatness
- Tripod mounting adapter
- Individual calibration
- Easy assembling
- High rejection to mains  
frequencies
- Robust, rustproof aluminium  
case, ground plane and rod



PMM RA01 is perfect for RF field measurements in a wide variety of EMC applications, including interference measurements from high-voltage power lines.

PMM RA01 can be used in conjunction with any Receiver or Spectrum Analyzer, although its ideal companion for on site measurements is the Digital EMI Receiver PMM 9010, portable and fully compliant to CISPR-16-1-1.

## Low frequency rod antenna



SPECIFICATIONS	RA-01	RA-01-HV
Frequency range	9 kHz – 30 MHz	150 kHz – 30 MHz
Impedance	50 $\Omega$	
Output connector	BNC	
Antenna Factor (typical)	+10 dB (+6dB for 1m monopole effective length normalization)	
Internal battery	Rechargeable, 7,2 V	
Operating time	>24 hours	
Recharging time	6 hours	
Tripod mounting	1/4" x 20 screw	
Dimensions	Rod: 1 m x 16 mm dia. Ground plane: 600 x 600 mm 2 mm thick Aluminium sheet Electronics: 150 x 135 x 120 mm	
Weight	1,5 kg	

### Ordering information

RA-01	Rod antenna 9 kHz-30 MHz
RA-01-HV	Rod antenna 150 kHz-30 MHz

#### Includes:

Universal AC charger  
Individual calibration report  
Operating manual  
Carrying case

#### Optional accessories

TR-01	Tripod, adjustable height 60-180 cm, carrying bag included
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