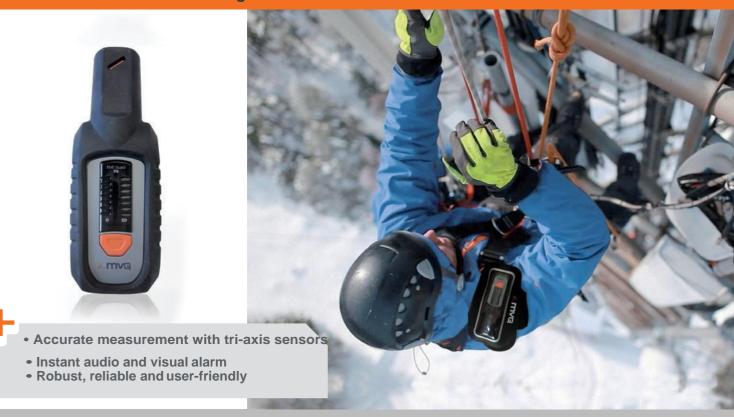
Authorized Distributor UK & IRELAND:

EME Guard XS



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An EMF Monitoring Device to Alert Workers Near Antennas



Mainfeatures

User profile

 Persons working near antennas including installation and maintenance workers, broadcast, PMR and mobile phone operators or regulatory body employees

Measurement capabilities

- Continuous monitoring of Electromagnetic Field levels with isotropic tri-axis E-field sensors
- EMF Level indicated by a LED color scale
- Audio and visual alarms triggered when EMF exceeds the reference level

Frequency bands

• 80 MHz – 6 GHz

Safety recommendations

- ICNIRP
- Alarm threshold can be adjusted at the
- FCC 96-326Safety Code 6
- factory upon request
- 2013/35/EU

Product Configuration

Equipment

- EME Guard XS
- MVG Case
- Wirst strap
- Lanyard
- Connecting adapter
- Armband
- 2 x 1.5 V Size N Alkaline batteries
- Instructions for use

Services

- Initial calibration
- Additional calibration
- Extended warranty

TECHNICAL CHARACTERISTICS

Probe	Isotropic 3-axes probe
Frequency range	80 MHz-6 GHz
Lower detection limit	5 V/m
Upper detection limit	350 V/m

MEASUREMENT UNCERTAINTY

Frequency (MHz)	Frequency response	Axial isotropy
80 - 700	-2 / +4 dB	+/- 0.5 dB
700 - 2700	-1 / +5 dB	+/- 0.7 dB
2700 - 6000	+2 / +7 dB	+/- 0.9 dB

ALARM & CONFIGURATION

Reference threshold	Alarm threshold can be adjusted at MVG factory upon request
Visualalarm	7 LEDs
Audioalarm	2 tones (activated from 5 to 350 V/m)
Low battery indicator	Orange flashing LED

1 sec

MEASUREMENT CONFIGURATION

Measurement period

CONDITIONS FOR USE

Temperature, humidity	-10°C to 50°C, 85% max humidity	
Battery	2 x 1.5 V Size N Alkaline removable batteries	
Battery life	> 1000 hours (> 50 days) ⁽¹⁾	

MECHANICAL CHARACTERISTICS

Dimensions	132.5x48.5x28.7mm (LxWxH) without connecting adapter
Weight	120 g with batteries

(1) If no alarm is triggered

STANDARD FACTORY SET ALARM THRESHOLDS

LED	Field Level (V/m)
7	350
6	270
5	137
4	61
3	28
2	14
1	7

Sound Levels

Sound	Field Level (V/m)	
Tonality 1	61	
Tonality 2	137	

Alarm Thresholds can be adjusted at the factory.Please advice requirements at the time of order.

Authorized Distributor:



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