



# RF HAND HELD RF METER

- Hand Held Signal Strength Meter
- Detects Carrier RF Activity
- 10 digit LED Display with Peak Hold
- Displays -108dBm to -40dBm Signal Strength
- Operates from Single PP3 Battery
- Battery Low Indication
- Auto Shutoff after 2min
- Requires no Radio License
- 315, 433, 868, 869 & 915 versions.

## Applications

- Detects Interference
- Assists Range Testing
- Radio Installation Performance Check
- Transmitter Check



## Description

A miniature RF Meter which can be used to show the presence of a Radio Signal.

Briefly press the power switch and the LED bargraph shows the RF activity within the local environment.

The peak signal is held for 1 second. This can be invaluable when installing a Radio system to determine if other RF signals are present (interference) and also validate the signal strength of the radio transmitter to be installed.

Green represents a strong RF signal and red represents a weak RF signal.

## Technical Specification

|                            |   |
|----------------------------|---|
| Supply Voltage / Current   | 9V / 20mA (PP3 Battery supplied)            |
| Frequency                  | Various, see below                          |
| Operating Temperature      | -0 to + 60 °C                               |
| RF sensitivity             | -110dBm (typ)                               |
| Bandwidth                  | 600KHz                                      |
| Initial frequency accuracy | ±50KHz                                      |
| Max R.F. input             | -20DBm                                      |
| 3dB Bandwidth              | +/-400KHz                                   |
| Dimensions                 | 110mm x 65mm x 24mm (not including Antenna) |

| Part No | Description        |
|---------|--------------------|
| 006-315 | RF Meter 315MHz    |
| 006-433 | RF Meter 433.92MHz |
| 006-868 | RF Meter 868.35MHz |
| 006-869 | RF Meter 869.84MHz |
| 006-915 | RF Meter 914.50MHz |

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R F Solutions Ltd is a member of the Low Power Radio Association.

