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# RF Multi-Meter

## Features:

- Transmit and Receive modes,
- 4 Selectable Frequencies,
- 315MHz, 433MHz,
- 868MHz, 915MHz
- Long Battery Life
- Small Size
- Simple to use

## Applications

- Detect Radio Interference
- Range Testing
- Pre-Installation Performance
- Check Receiver and Transmitter Signals



## Description

RF Multi Meter is a versatile handheld test meter checking Radio signal strength or interference in a given area.

The Multi-Meter can both transmit and receive signals making it possible to test an installation location for suitability before installing equipment. The Multi-Meter is very hard wearing, long lasting and simple to use. It has 4 selectable frequencies, changeable at the touch of a button. It also has an auto shut off feature for battery saving.

## Ordering Information

Part Number	Description
006	Signal Strength Meter



# 006

## Operating Instructions

Spot Frequencies used

- 315.00MHz
- 433.92MHz
- 869.50MHz
- 915.00MHz

## Functions:

The 006 has two functions

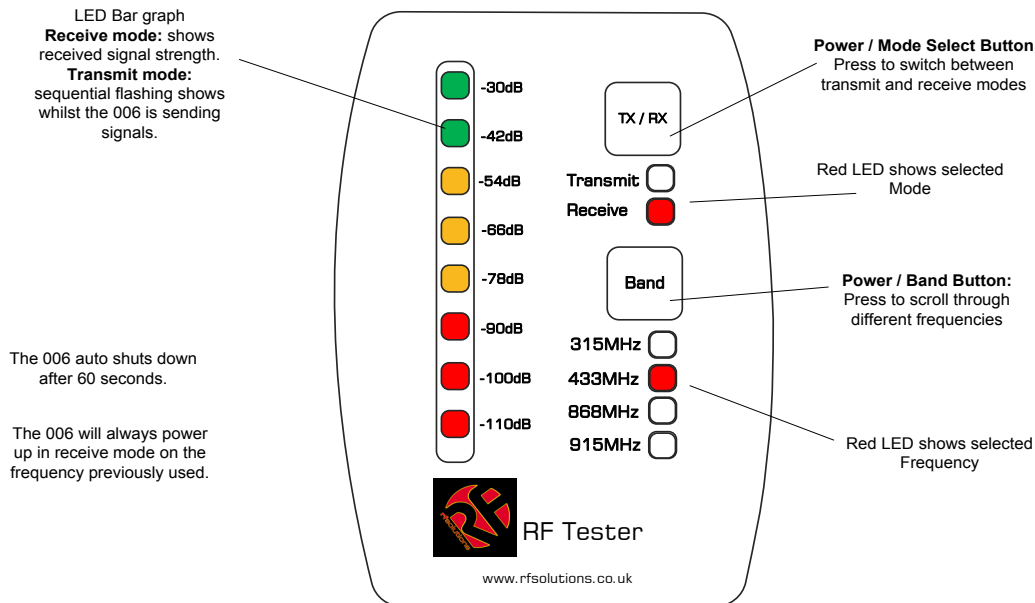
**Transmit** - The 006 sends out a pulsed transmission which can be received by and module on the frequency selected. Or by another 006 set to the same module.

Transmit power: the 006 transmits at 0dBm

Transmit timing: the 006 sends a 100ms pulse every 1 second

Transmit signal modulation: a 1KHz sine wave is modulated over the transmit signal.

**Receive** - when set in receive mode the 006 displayed any signals detected in the selected frequency. The receive sensitivity is shown on the front panel (as below)



## Antenna

As standard the 006 is fitted with a 433.92MHz antenna, this should be sufficient for most applications, however other antennas are available from RF Solutions website for improved performance on specific frequencies. See [www.rfsolutions.co.uk](http://www.rfsolutions.co.uk) for more details.



## Technical Specification

Dimensions: 90 x 54 x 27mm  
 Antenna: 17.5cm (433.93MHz)

	Min	Typical	Max	Units
Supply voltage	2.2	3	3.3	V
Frequency		315.00		MHz
		433.92		MHz
		869.50		MHz
		915.00		MHz
Bandwidth		1		MHz
Max. RF Input		+20		dBm
RF Sensitivity	See	Sticker	Overlay	dBm
Operating Temperature	0		+50	°C
Storage Temperature	-20		+60	°C

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Meets the following EC Directives:

#### ROHS Directive 2002/95/EC

Specifies certain limits for hazardous substances.

#### WEEE Directive 2002/96/EC

Waste electrical & electronic equipment. This product must be disposed of through a licensed WEEE collection point. RF Solutions Ltd., fulfills its WEEE obligations by membership of an approved compliance scheme.

#### Waste Batteries and Accumulators

##### Directive 2006/66/EC

Where batteries are fitted, before recycling the product, the batteries must be removed and disposed of at a licensed collection point.

#### Environment Agency producer registration number:

WEE/JB0104WV.

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#### RF Solutions Ltd

William Alexander House, William Way, Burgess Hill, West Sussex, RH15 9AG  
 Sales: +44(0)1444 227 910 Tech Support: +44(0)1444 227909

