




DS-006-3 RF Signal Strength Meter



rf solutions DS-006-3 RF Signal Strength Meter Owner's Manual

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rf solutions DS-006-3 RF Signal Strength 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 Signal Strength Meter is a versatile handheld test meter for checking radio signal strength or interference in a given area.
- The Signal Strength Meter can both transmit and receive signals making it possible to test an installation location for suitability before installing equipment.
- The Signal Strength 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

Operating Instructions

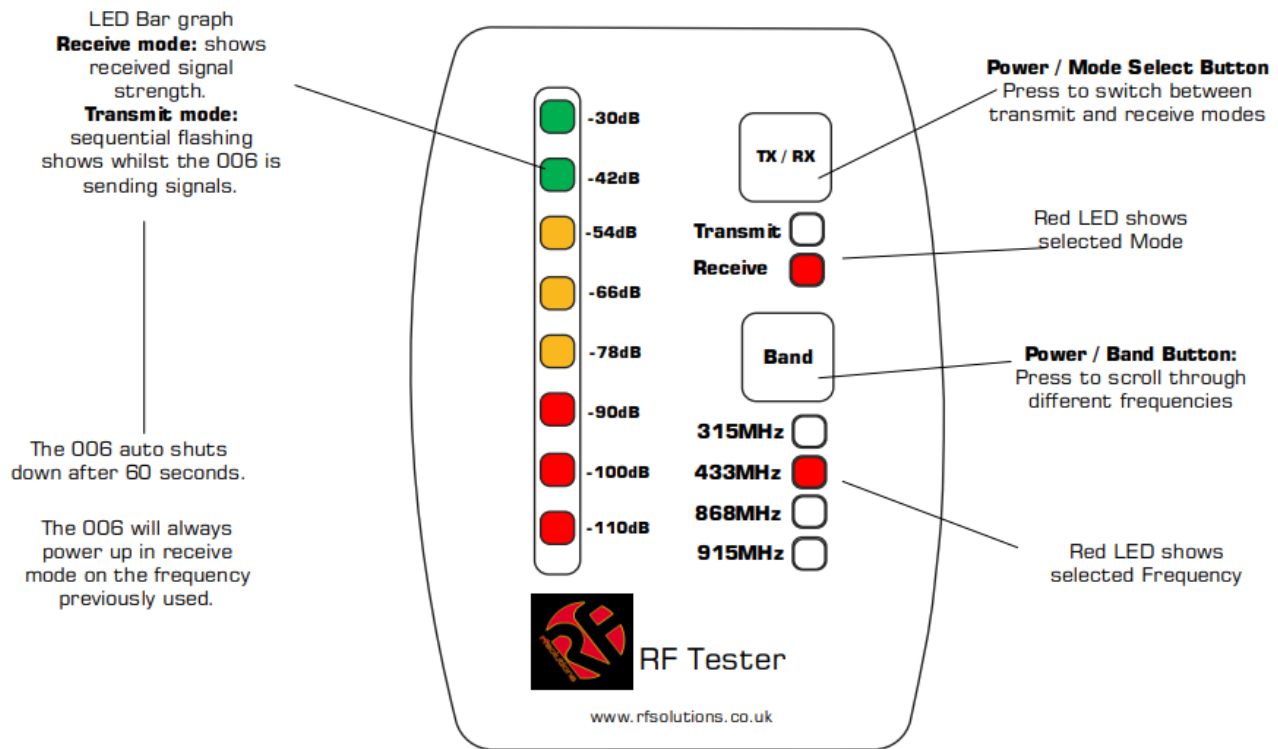
Spot Frequencies used

- 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 any module on the frequency selected. Or by another 006 set to the same frequency.
- **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 to receive mode, the 006 displays 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 the RF Solutions website for improved performance on specific frequencies.
- See www.rfsolutions.co.uk for more details.

Technical Specification

- **Dimensions:** 90 x 54 x 27mm
- **Antenna:** 17.5cm (433.93MHz)
- **Battery:** CR 2450

	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		000.10		MHz
Max. RF Input		+20		dBm
RF Sensitivity	See	Sticker	Overlay	dBm
Operating Temperature	0		+50	oC
Storage Temperature	-20		+60	oC

FAQs

- **Q: What is the purpose of the RF Signal Strength Meter?**
 - **A:** The RF Signal Strength Meter is used for checking radio signal strength or interference in a given area, making it ideal for testing installation locations before equipment setup.
- **Q: How do I change frequencies on the RF Signal Strength Meter?**
 - **A:** Press the Power/Band Button to scroll through the available frequencies. The selected frequency will be indicated by the red LED.
- **Q: Can I extend the antenna range of the RF Signal Strength Meter?**
 - **A:** Yes, alternative antennas can be purchased from the RF Solutions website for improved performance on specific frequencies.

Simplified Declaration of Conformity (RED)

- Hereby, RF Solutions Limited declares that the radio equipment type defined within this document complies with Directive 2014/53/EU.
- The full text of the EU Declaration of Conformity is available at the following internet address:
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- Discard with normal waste, please recycle.
- Meets the following EC Directives:
- ROHS Directive 2011/65/EU and amendment 2015/863/EU
- Specifies certain limits for hazardous substances.
- WEEE Directive 2012/19/EU
- 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.

- Environment Agency producer registration number: WEE/JB0104WV.
- 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.


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Documents / Resources

	<p>rf solutions DS-006-3 RF Signal Strength Meter [pdf] Owner's Manual 006, DS-006-3, DS-006-3 RF Signal Strength Meter, DS-006-3, RF Signal Strength Meter, Strength Meter</p>
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References

- [The domain name RFSolutions.co is for sale | Dan.com](#)

-  [RF Solutions | Remote control systems, RF Modules, Antennas](#)
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