

# Dynamic Signal Strength Meter DSSM1A

A palm sized signal strength meter capable of detecting and analysing continuous or pulsed radio signals.

The DSSM1A is a high dynamic range, broadband signal detector capable of detecting RF signals, even if their duration is only a few microseconds.

If you work with modern RF devices, you may need a dynamic signal strength meter rather than a spectrum analyser or traditional signal meter, in order to be able to more easily detect them and tell them apart.

The key feature of the DSSM1A is its ability to detect short RF pulses coupled with its scrolling time-domain display.

The resulting instrument can discriminate between different signals, even when they occupy the same frequency band. As is the case with Time Division Multiple Access (TDMA) systems such as GSM, DECT and Bluetooth etc.

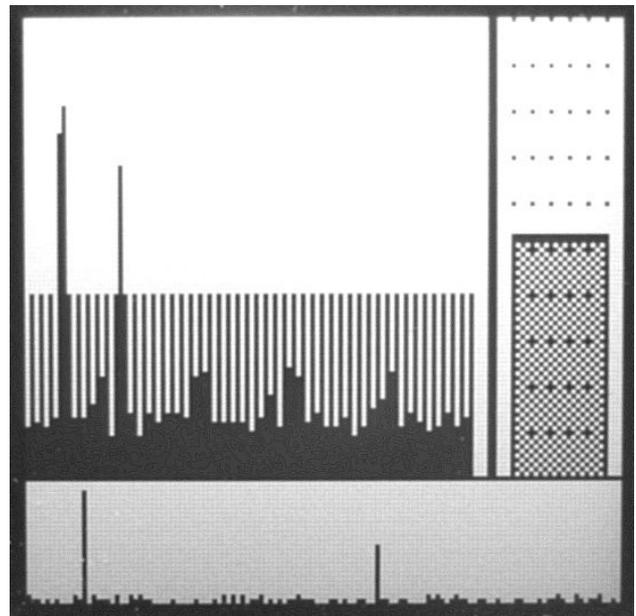
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## Features

- ◆ Broadband Response 3MHz-6GHz
- ◆ High Dynamic Range (50dB)
- ◆ Accurate Logarithmic Scale
- ◆ Detects Fast Pulsed Signals
- ◆ Detects superimposed signals
- ◆ Graphic Display
- ◆ Compact Size
- ◆ Low Cost
- ◆ Powered by 2 x AA

## Applications

- ◆ RF Engineering
- ◆ Equipment Field Trials
- ◆ Signal Analysis



## Specifications

Unless Otherwise Stated: Battery = 2 x Energizer E91 AA Alkaline, No signal input, temperature = 20°C.

Parameter	Min	Typ	Max	Units
Frequency Range	3MHz		6GHz	
Amplitude Range	-55		-5	dBm
Absolute Accuracy 100MHz to 2GHz		3		dB
Maximum Signal		10		dBm
Measurement Rate		100		kHz
Battery Life		120		Hours

Note. Specifications are subject to change without notice.