

# Low frequency analyser ME3951A

compact and professional

**GIGAHERTZ  
SOLUTIONS**  
Made in Germany

With its full TCO bandwidth, this device is predestined for the professional user. Its functions and features are tailored to the needs and practical experience of the building biology. Due to its comparably low price, it is often also used for scientific and industrial purposes.

Comprises all features of the ME3851A, and additionally offers:

- An extended frequency range from 5 Hertz to 400 Kilohertz, in accordance with the TCO guidelines. An important decision criterion when offering professional LF measurements.



## Technical Data:

Frequency Range:	5 Hz - 400 KHz (compensated, better than -2 dB). Switchable, internal frequency filter: 16.6Hz bandpass, 50 Hz highpass, 2 kHz highpass for the identification and evaluation of sources of pollution
Measurement Range:	Magnetic flux density (unidimensional): 0.1 - 1999 nT Electric field strength: 0.1 - 1999 V/m
Accuracy:	+/- 2 %, +/- 7 digits @ 50/60 Hz
Sensor:	E-field sensor for electrical LF- fields H-field sensor for magnetic LF-fields (one-dimensional)
Audio Analysis:	acoustic signal proportional to the field strength with "Geiger-counter-effect"
Signal Rating:	RMS
Outputs:	AC- and DC-output
Further Questions:	2 years warranty
Weight:	0,77 g

## Scope of Delivery:

- Measurement device
- highly flexible grounding cable with a copper diameter of 1mm<sup>2</sup>
- grounding clamp
- NiMH battery inside the meter
- mains adaptor
- battery charger
- various adaptors
- detailed instructions manual
- plastic case

## Upgrades:

- NFA 400
- NFA 1000

## Protective Shielding:

- SLS4000
- NA7

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