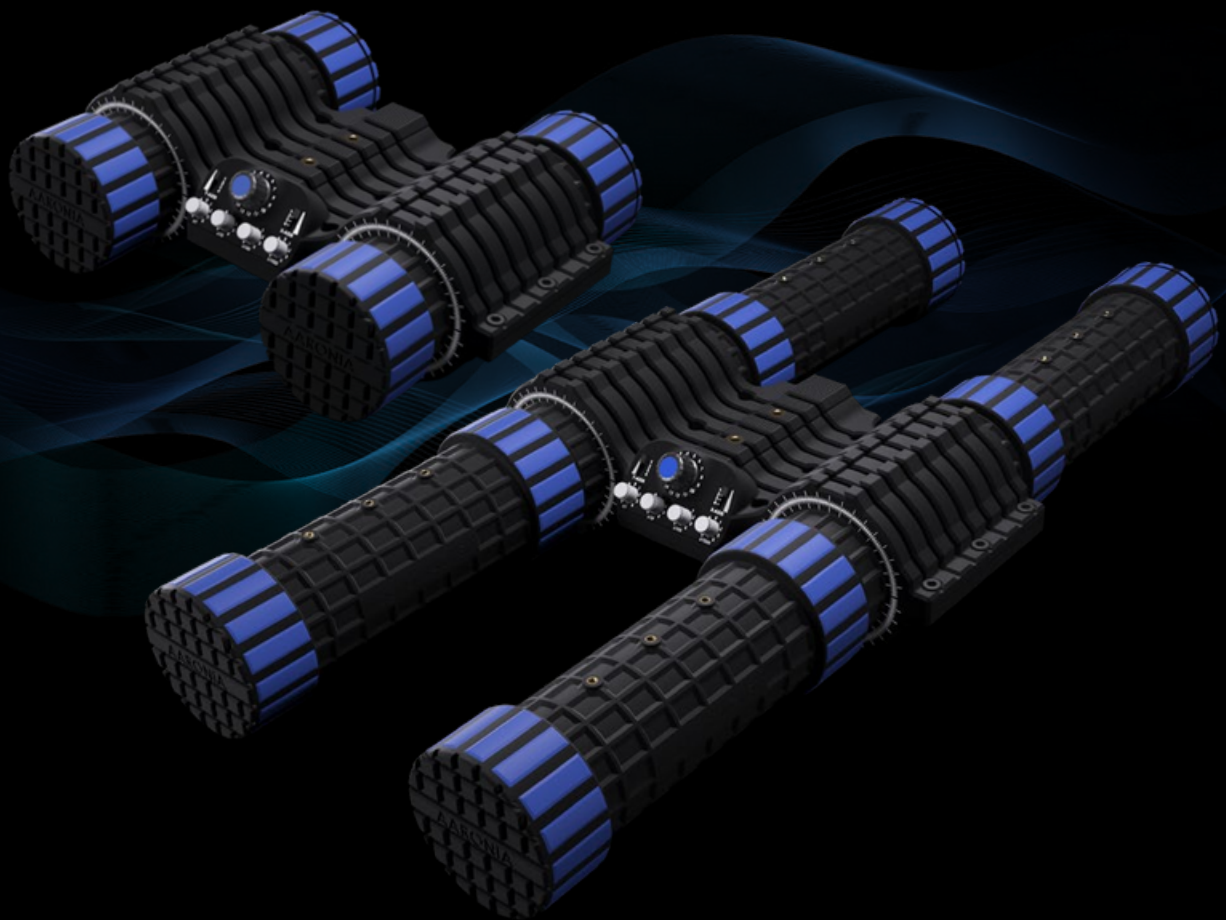


MAGNETIC FIELD ANTENNAS

MagnoTRACKER®

SERIES

The MagnoTRACKER can be used for frequency ranges from 1Hz to 9kHz and from 9 kHz to 1 MHz



- ✓ Adjustable frequency setting for higher gain and suppression of unwanted interfering signals

For laboratory and field usage

- ✓ Perfect for signal location of low frequency magnetic fields with spectrum analyzer

- ✓ Highest gain, incl. internal 25dB amplifier / optional 35dB available



Specifications

MagnoTRACKER



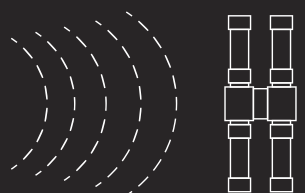
MagnoTRACKER ELF-2

MagnoTRACKER ELF-6 MagnoTRACKER LF-2 MagnoTRACKER LF-6

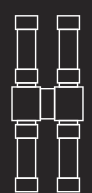
Type	Magnetic field tracker		
Frequency range	1Hz	1Hz - 9kHz	9kHz - 1MHz
Bandwidth	9kHz	Broadband	Smallband
Output	Broadband	50 Ohm	
Connection	d	SMA (female)	
Tripod-Mount	fixed	3/8" with included adapter (suitable tripod: Aaronia tripod art.-no. 503/016)	
Internal pre-amplifier	25dB Version with integrated LiPo-battery (3-4hrs. runtime) and Power supply incl. Adapter Set (optional 35dB with Option 708)		
Weight	4,2kg	9kg	3kg 5kg
Length	26	66 cm	26 cm 66 cm
Width	cm	32 cm	32 cm 32 cm
Height	32	11 cm	11 cm 11 cm

Direction finding

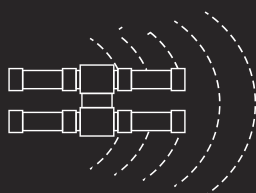
Far field



Magnetic Field

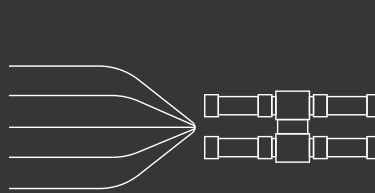


Maximum

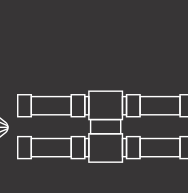


Minimum

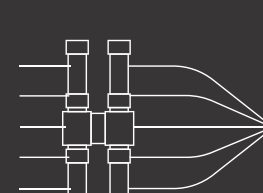
Near field



Magnetic Field



Maximum



Minimum

Cases and scope of delivery



- MagnoTRACKER antenna with outdoor transport-case
- Tripod adapter plate with screws
- International power supply

Recommended Accessories



Multifunctional Pistol Grip

(strongly recommended)

Highly recommended for our MagnoTRACKER® antennas. Guarantees perfectly stable antenna handling.

Order/Art.-No.: 503/012

MagnoTRACKER / PowerLOG Tripod

Adjustable height, high stability. Recommended for use with MagnoTRACKER® antennas. Incl. carrying bag with loops.

3/8" tripod mount

Max. height: 157 cm

Order/Art.-No.: 503/016



GPS Logger

High end GPS logger including antenna position, speed and altitude information. 3D compass, acceleration and tilt sensor, altimeter and pressure sensor.

Order/Art.-No.: 503/035

1 m HQ measurement cable

High quality SMA (m/m) measurement cable, 1m, with tightening nuts.

Order/Art.-No.: 501/050

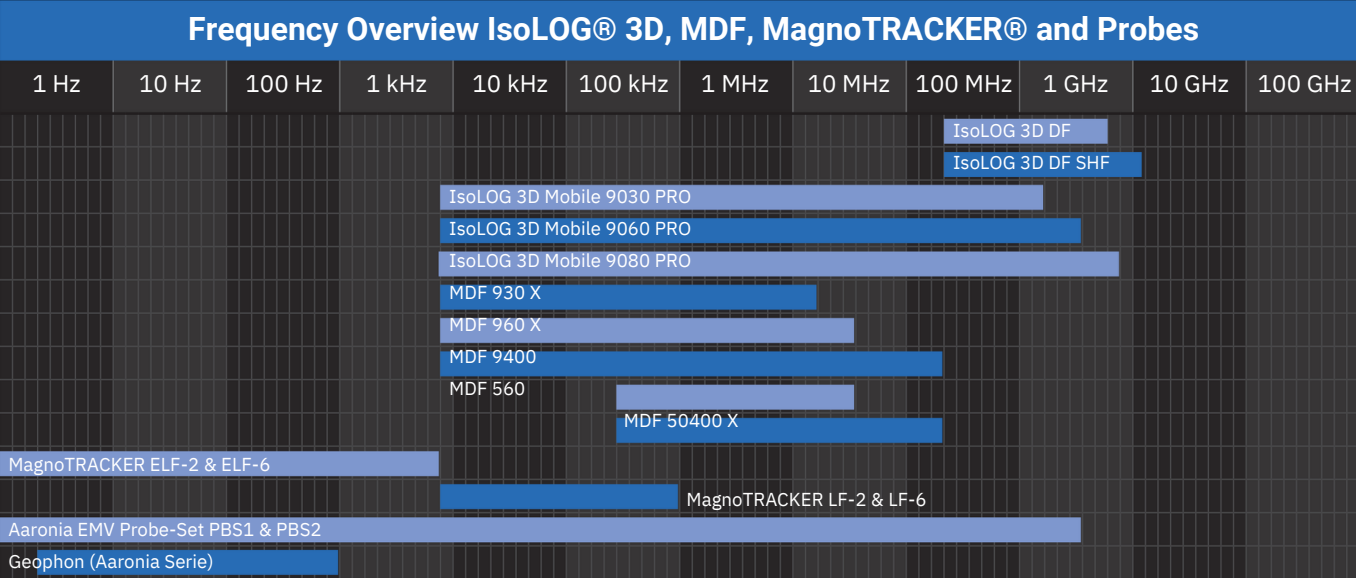
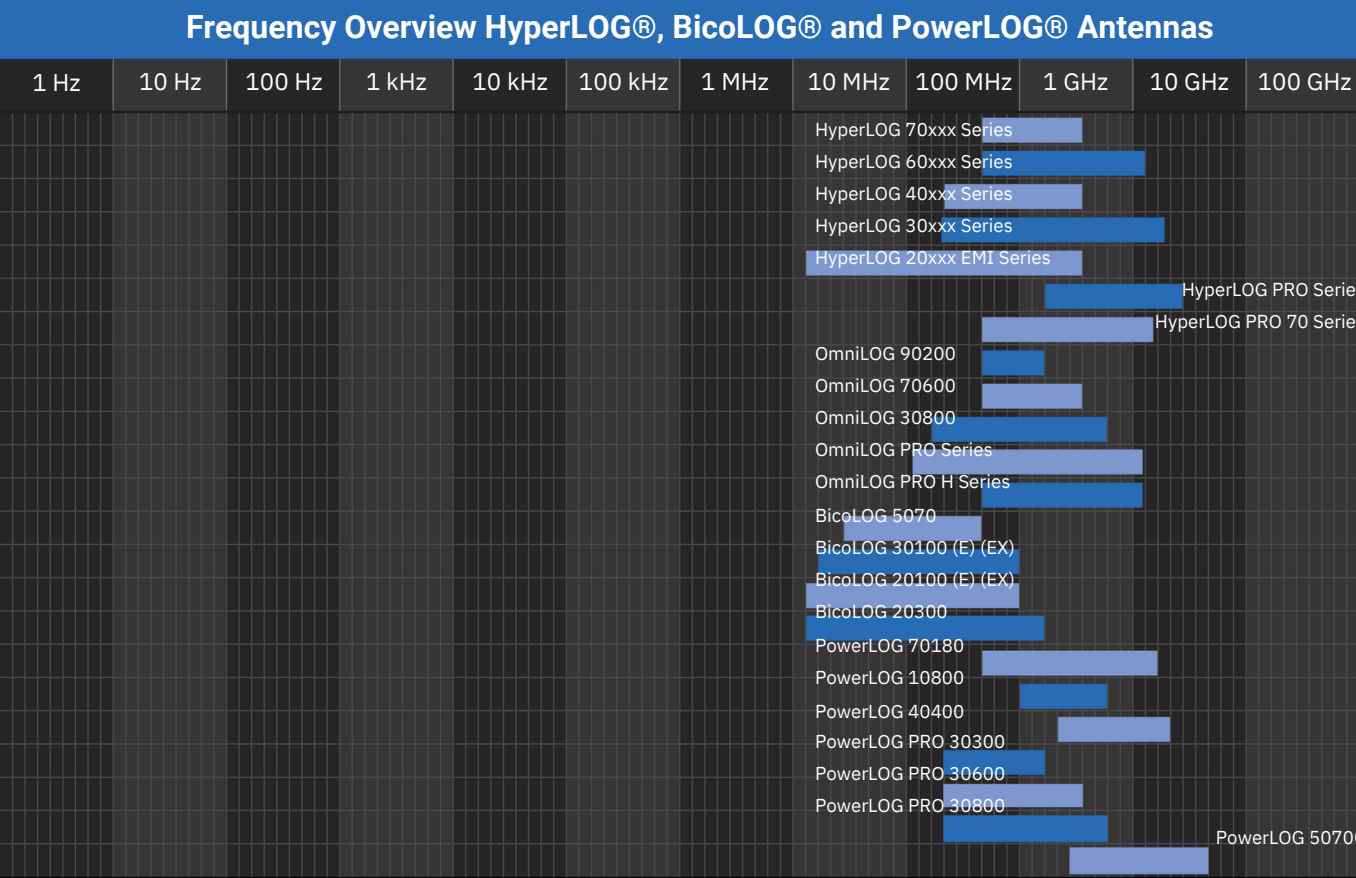


Precision Torque Wrench

Precision Torque Wrench for Aaronia analyzers, antennas and accessories as well as 3rd party products with 3.5mm, 2.92mm for correct mounting and reproducible measurement: 2.4mm, 1.85mm and SMA connectors 5/16" wrench size, 0.9 Nm torque.

Order/Art.-No.: 503/061

Frequency Overviews



References



Selected Aaronia Clients

Government, Military, Aeronautic, Astronautic

- NATO, Belgium
- Department of Defense, USA
- Department of Defense, Australia
- Airbus, Germany
- Boeing, USA
- Bundeswehr, Germany
- NASA, USA
- Lockheed Martin, USA
- Lufthansa, Germany
- DLR, Germany
- Eurocontrol, Belgium
- EADS, Germany
- DEA, USA
- FBI, USA
- BKA, Germany
- Federal Police, Germany
- Ministry of Defense, Netherlands

Research/Development, Science and Universities

- MIT – Physics Department, USA
- California State University, USA
- Indonesian Institute of Sciences, Indonesia
- Los Alamos National Laboratory, USA
- University of Bahrain, Bahrain
- University of Florida, USA
- University of Victoria, Canada
- University of Newcastle, United Kingdom
- University of Durham, United Kingdom
- University Strasbourg, France
- University of Sydney, Australia
- University of Athens, Greece
- University of Munich, Germany
- Technical University of Hamburg, Germany
- Max Planck Inst. for Radio Astronomy, Germany
- Max Planck Inst. for Nuclear Physics, Germany
- Research Centre Karlsruhe, Germany

Industry

- IBM, Switzerland
- Intel, Germany
- Shell Oil Company, USA
- ATI, USA
- Microsoft, USA
- Motorola, Brazil
- Audi, Germany
- BMW, Germany
- Daimler, Germany
- Volkswagen, Germany
- BASF, Germany
- Siemens AG, Germany
- Rohde & Schwarz, Germany
- Infi neon, Austria
- Philips, Germany
- Thyssenkrupp, Germany
- EnBW, Germany
- CNN, USA
- Duracell, USA
- German Telekom, Germany
- Bank of Canada, Canada
- NBC News, USA
- Sony, Germany
- Anritsu, Germany
- Hewlett Packard, Germany
- Robert Bosch, Germany
- Mercedes Benz, Austria
- Osram, Germany
- DEKRA, Germany
- AMD, Germany
- Keysight, China
- Infi neon Technologies, Germany
- Philips Semiconductors, Germany
- Hyundai Europe, Germany
- VIAVI, Korea
- Wilkinson Sword, Germany
- IBM Deutschland, Germany
- Nokia Siemens Networks, Germany

