# TECHNICAL INFORMATION ON MAGNEX 120LW (L-2) 5/6 Channel (+ VEHICLE VERSION)
Updates and Upgrades on the original EBINGER MAGNEX 120LW and L2 - 5-Channel Multichannel Magnetometer System

- NEW light weight Lithium Ion battery technology
- Optional UPGRADES on all MAGNEX®Probes
- Digital geophysical mapping (with GPS) and EPAS – GPS Software
- One man operation
- From 3- to 5-channel expandable in just two steps
- Flexible probe distance (variable track width)
- Probe height adjustable over ground
- Rugged design, for use in difficult terrain
- Various wheels
- Expendable with GPS system and integrated GPS antenna holder
- Improved data quality
- Ergonomic, lightweight design



(Photo: US Airforce Training)

For improved productivity and enhanced data quality EBINGER offers MAGNEX® 120L2 or LW multi-system for digital surveys. The wheeled system TR01-05 offers space for 3, 4, 5 or 6 probes. Probe distance and height over the ground can be adjusted accordingly. Various wheels offer the use in difficult terrain.

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| 1 | **5Channel unfolded system with DGPS** |  |
|---|---|---|
| 2 | **3Channel system with DGPS**<br><br>**(2 probes folded)** |  |

| | | |
|---|---|---|
| 3 | **5Channel system with DGPS** |  |
| 4 | **DGPS HEMISPHERE GPS S321** |  |
| 5 | **Consisting of:** | DGPS soloution inclusive all accessories, consisting of:17.500,007.500,00S321 Hemisphere DGPS electronic S321 International Network Receiver Kit (10 Hz, sFreq, mGNSS), Atlas capable - Included Components:<br>1 x S321 (Network) Receiver<br>1 x Atlas H10 Subscription (6 months)<br>1 x European Power Plug Adapter<br>1 x Tape measure<br>1 x S321 Network Accessory Kit c/w:<br>1 x Serial Cable for PC or Controller<br>1 x GPRS Antenna<br>2 x Battery<br>1 x Battery charger adapter<br>1 x Battery charger<br>1 x S321 Cigarette Lighter Adapter<br>1 x Quick Release<br>1 x S321 Carrying case<br>1 x Hemisphere GNSS backpack<br>1 x lightweight aluminum non telescopic T pole |

| 6 | EPAS – GPS |  |
|---|---|---|
| 7 | EPAS-GPS Software | Digital geophysical mapping (DGM) is commonly used to accurately locate, identify, and select metallic anomalies that may be unexploded ordnance (UXO). Modes of DGM include ground based and optional airborne platforms with multiple sensor arrays and man portable single sensor systems. Typically, the MAGNEX/EPAD data recording systems are linked to global positioning systems (GPS) to accurately record the location of detected anomalies. Subsequently, the data are processed to provide an anomaly location map, target anomaly list, and the measured geophysical signal amplitude for each anomaly. These results are then used by UXO Explosive Ordnance Disposal (EOD) specialists to locate (reacquire), investigate (dig), and remove (clear) the metallic anomaly. |

| 8 | **USB Dongle** | 1 x CD Rom with installation Software<br>1 x USB Dongle (Hard lock key) |
|---|---|---|
| 9 | **EB Laptop** |  |
| 10 | **Consisting of:** | 1 x Laptop for EBINGER applications inclusive preparing for EPAS software GETAC S410<br>Semi-rugged Notebook with 8th Generation Intel® Core™ i5 vPro™ Processor<br>Optional: Windows Hello faceauthentication camera with IR sensor |
| 11 | | **Additional support:**<br>• In-country training for operators<br>• Service and maintenance training in-country "basic service"<br>• Professional service support by local partner trained by EBINGER personnel<br>• Spare parts availability in country of operation |
| 12 | **Training** |  |

| 13 | MAGNEX 5-6Channel Vehicle Trailer version |  |
| 14 | TR-VEHIC |  |

| 15 | **EPAS –NAV** |  |
|----|---------------|----------------------|
| 16 | **Rugged PDA Windows© Mobile**<br><br>**LOCAL Language** |  |
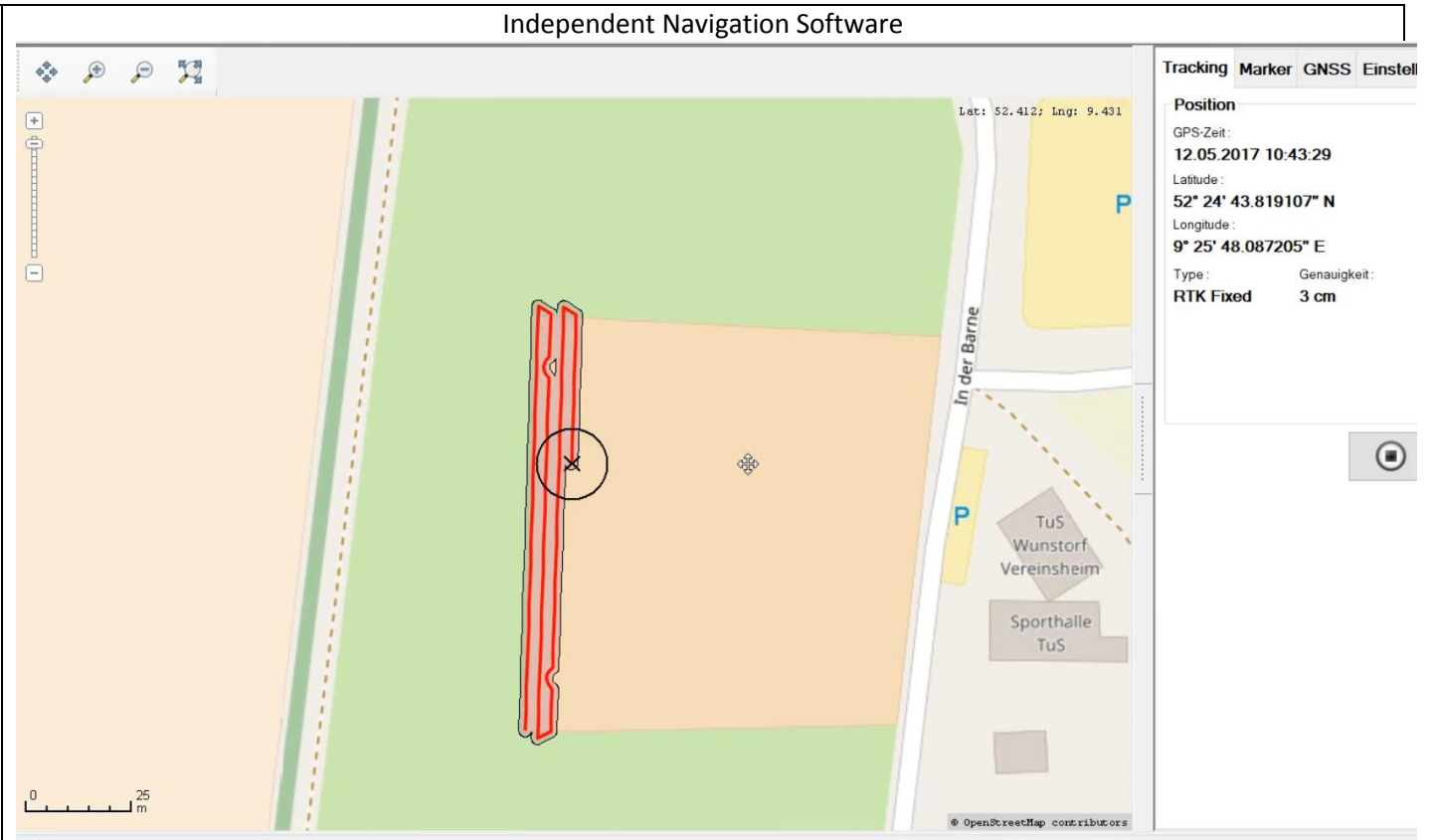
**Optional Accessories:**

| 17 | ELG10LI | The ELG 10 LI charger is a multi-charger for EBINGER specific Li-Ion battery packs. Ten (10) rechargeable battery packs can be charged at once.<br><br>Main characteristics<br>• Rugged case<br>• Portable<br>• Fully automatic charging with visual charge indicator |  |
|----|---------|-----|-----|
| 18 | Hard case with professional tools | Transport hard case with professional tools for service and maintenance |  |
| 19 | Spare parts | MAGNEX120LW 5Channel / catalogue and service Manual |  |

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