



**GSM Mobile Tracer & Locator**  
GSM-MTL3



## GSM Mobile Tracer & Locator - GSM-MTL3

### Description

The GSM-MTL3 enables reception of IMSI and IMEI from mobile phones within its reception area. The device is applicable to all GSM networks of the world.

Additionally, in connection with the Mobile Finder GSM-MF, the GSM-MTL3 version provides pinpoint localization of mobile phones.

Interferences with public networks are generally avoided through complete implementation of the GSM protocol and a specific processing.

A preceding automatic network analysis sets up ideal adjustment of the system and, thus, ensures uncomplicated operation of the GSM-MTL3.

By means of an optional Portable Analyzer GSM-PA (PDA with Bluetooth measuring mobile phone), the concealed remote analysis is also possible in the near of target mobile phone. Thus, the time-consuming manual analysis and adjustment of the network structure will not be necessary.

According to special demands, a more extensive network analysis and manual processing of GSM parameters may be conducted as well.

Operation of GSM-MTL3 occurs through a wireless control and administration unit via HF transmission path (also with optional battery pack.)

Operating modes are as follows:

- IMEI / IMSI are read out; telephone is released into real network; another log-on to the GSM-MTL3 will only be possible, if LAC is changed
- IMEI / IMSI are read out; telephone is released into real network, but cannot be back posted into real network, i.e. mobile phone can be locked by GSM-MTL3
- GSM-MTL3 holds onto a certain mobile phone; communication is prevented on purpose; this operation remains unperceivable for mobile phone
- GSM-MTL3 holds onto a certain mobile phone; after establishing silent call, localization can be carried out by means of the GSM-MF

Collected data will be stored in a SQL data base within the control and administration unit. The data can be analyzed offline and exported to other applications.

#### Technical Data

Frequency range:	Downlink:	GSM900	925 MHz – 980 MHz
		GSM1800	1805 MHz – 1880 MHz optional GSM 850 / 1900 MHz
	Uplink:	GSM900	880 MHz – 915 MHz
		GSM1800	1710 MHz – 1785 MHz optional GSM 850 / 1900 MHz
Output power:	10 mW – 3 W (other power ranges on request)		
Input sensitivity:	ca. -90 dBm		
Mobile – power control:		GSM900/850	3 mW – 2 W
		GSM1800/1900	1 mW – 1 W
Measurement reading:	RXLEV, RXQUAL (mobile phone) RX level (GSM-MT(L)3)		
Power supply:	12 V DC (230 V AC with external adapter)		
Connections:	4x SMA socket, 1x 12VDC socket		
Remote control:	HF transmission path 433MHz / 150 mW		

Scope of Delivery:

- Pilot suitcase with GSM-MTL3 and 2x dual band patch antennae
- Control and administration unit
- HF radio module with USB connection
- 230 V AC/12 V DC adapter
- GSM-MF Mobile Finder
- Software
- User's manual

Options:

- GSM-PA Portable Analyzer (Model No. 580 200 0009)
- GSM-MF Mobile Finder (Model No. 580 200 0008)
- GSM-PNF (Model No. 580 200 0010)
- GSM-NA (Model No. 580 200 0011)
- battery pack (rechargeable)
- External antennae (see catalogue, product line 160)



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