

easy TERLOC



easyTERLOC - easy terrestrial locating

The easyTERLOC is a VHF-based locator, which is intended for the use on land.

This device enables to locate persons or vehicles in vast areas. It has been specially developed for use in surface mining or large industrial terrain which requires permanent monitoring to determine the position of people, vehicles or machinery for safety reasons. Spacious terrain with limited visibility and which is only partially accessible on foot complicates this.

Function:

The easyTERLOC is a portable transmitter with an integrated GPS module. The position of the device as well as the object-related data programmed into the device will be transmitted on a special VHF channel. The incoming data can be displayed on a terminal or PC screen with a customized receiver.

Each worker or vehicle driver can transmit his current position continuously to the Center Station by pressing the ON button once. In the case of an accident an emergency signal including the GPS position is sent by pressing ALERT.

What is necessary to use the easyTERLOC?

The easyTERLOC can be carried in the pocket of the work clothes. Vehicle drivers fix it in the cockpit. The charging station provides intelligent and ideal charging, which ensures the long lifespan of the batteries. The object-

related data is programmed into the device by the customer administrator or the manufacturer.

The Center Station needs a customized receiver as well as a suitable terminal (like a customary car navigation system) or PC software to display the incoming data.



- ✓ Independent of any GSM network
- ✓ Usage free of charge
- ✓ Transmission range of approx. 10km
- ✓ Ideal for
 - Mining Companies
 - City Vehicle Tracking



Features:

- Portable VHF position transmitter
- Rechargeable NiMH batteries
- Battery lifespan: minimum 48 h with full battery power
- Transmission range of approx. 10 km (depending on the height of the receiving antenna)
- Made in Germany

Additional equipment:

- charging station in different variants a) charging station b) programming station and c) combination charging/programming available (quantity and type depends on the customer requirement. Other charging stations cannot be used!)
- portable easyTERLOC INFO BOX with a customized receiver and a terminal device

- customized receiver to connect it to customary display devices
- PC software to display the data

Technical Data:

- Transmission power:
 - short antenna <= 1 W (usually for people)
 - long antenna >= 2 W (usually for objects)
- Specifiable frequency range from 155.5 MHz to 162.25 MHz, 25 kHz channel spacing (Please ask your local authority for customer frequencies.)
- Operating temperature range: -10 °C to +55 °C
- Storage temperature range: -30 °C to +60 °C
- Dimensions (L x W x H): 130 x 70 x 30 mm
- Weight: 250 g

This product is available at:

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