digiPHONE+2

Cable pinpointing system
with shock wave receiver,
earth rods and tracing sensor

Megger

Triumph over your cable faults!

- *NEW: Greatly improved noise filtering*
- *NEW: Amplification of the fault signal*
- *NEW: Combination of fault arrow with cable compass*
- *OPTIONAL: Bluetooth® headphones*
- *OPTIONAL: Sheath fault testing (NT Set)*
- *OPTIONAL: Cable tracing/line location (NTRX Set)*
- *OPTIONAL: Rechargeable lithium-ion battery*

The technologies behind the new digiPHONE+2

With us, you have the choice of using cable headphones or going wireless with Bluetooth® headphones.

Hear nothing but the cable fault

A combination of different methods for efficient noise damping enables perfect acoustics that lets you hear only the fault noise.

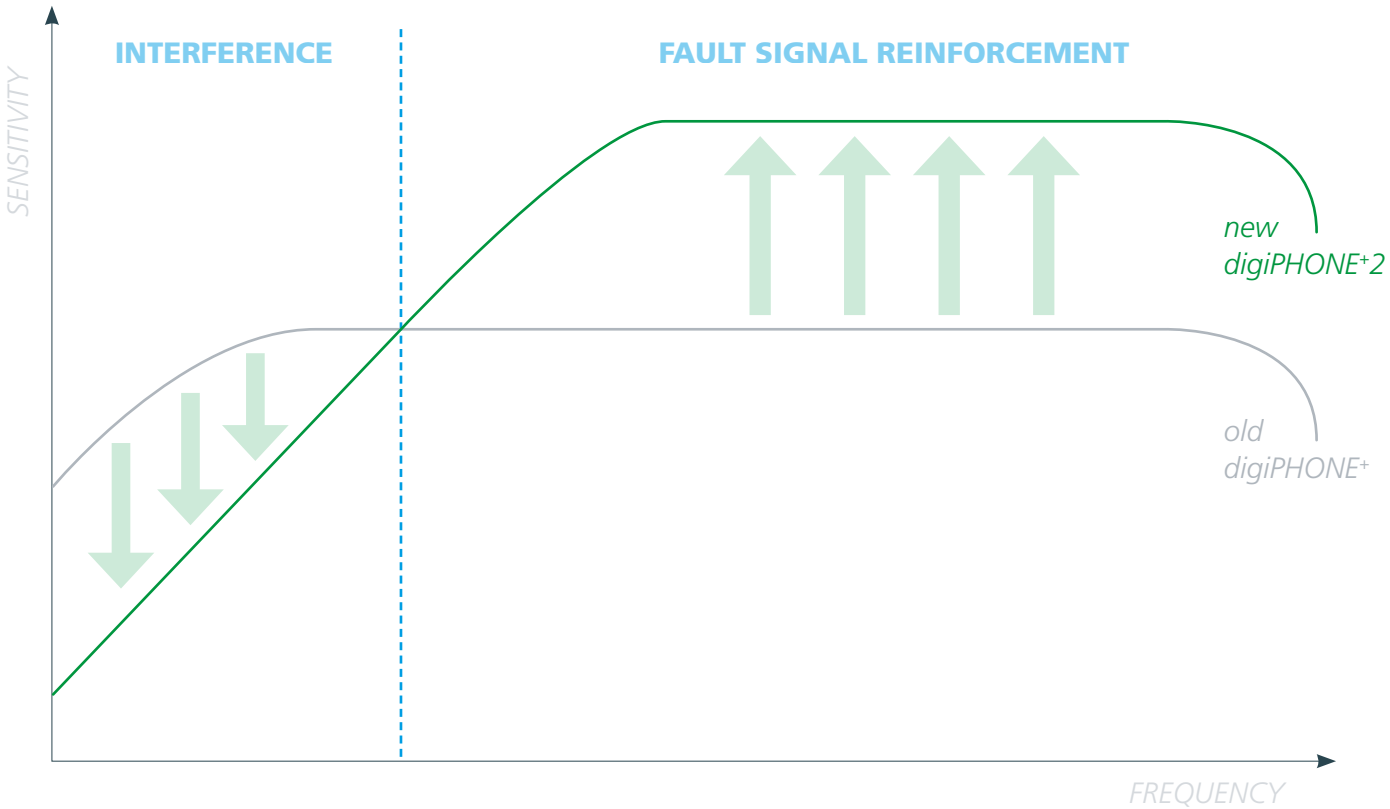
BNR – Background Noise Reduction

New, intelligent BNR technology with filtering and background noise suppression produces an undisturbed acoustic experience, only sending the fault sound to your ears.

APM – Automatic Proximity Mute

When the sensor handle is approached, the sound stops before your hand even touches it – no cracking, no banging. After the sensor has been put down again, the headset won't activate until after a short delay, ensuring the digiPHONE+2 is standing still and all possible mechanical oscillations have ceased.

Hearing the fault simply better



Sensitivity
Due to the new filter properties, up to -30 dB more noise is now filtered out and up to 20 dB more amplifies the fault signal.

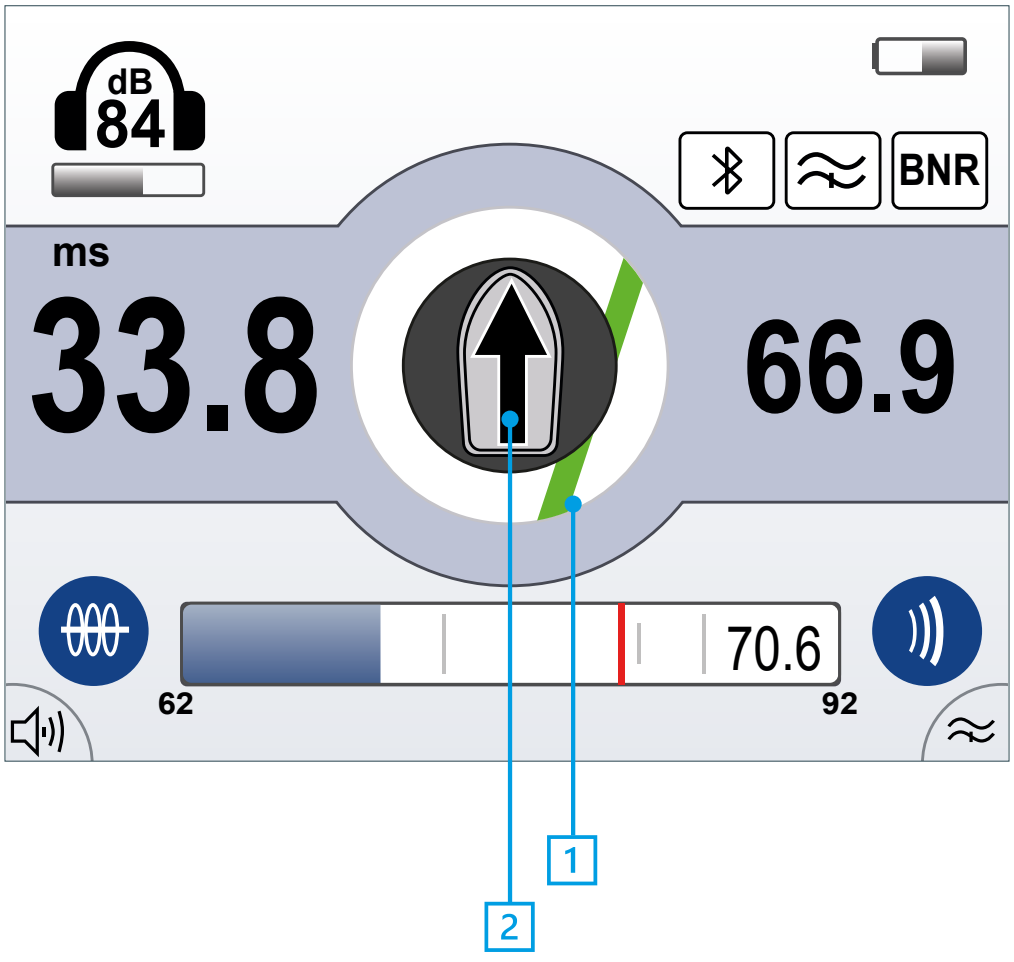
Cable compass

The cable compass [1] for visualisation of the route keeps the user safely on the cable. The compass (green line) not only indicates whether you are left or right of the cable, but also in which angle the cable runs to the sensor.

Fault arrow

The fault arrow [2] indicates in which direction the fault is present. The fault distance can optionally be defined in milliseconds, meters or feet.

Finding the error simply easier



The digiPHONE+2 in detail

1 Tough ground sound sensor. Developed for the most challenging conditions.

2 Selectable ground adapters. Designed for the best possible sound absorption for different soil properties.

3 Ergonomic handle. Height adjustable for maximum comfort.

4 Multifunctional display unit (see page 6). Intuitive user interface.

5 High-end Bluetooth® ANC headphone (Active Noise Cancelling) with crystal-clear sound through Sennheiser sound quality (optional).

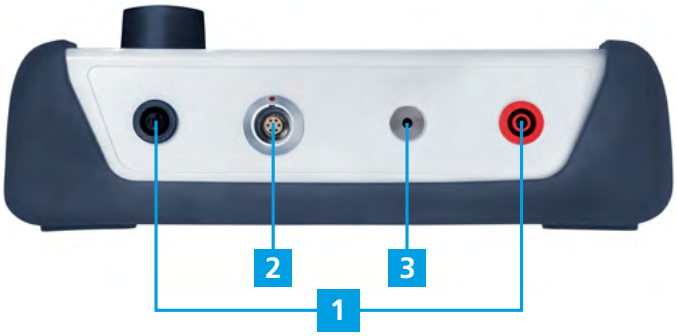
Did you know?

With the Bluetooth® headphones' active noise cancelling ability, ambient noise can be kept to a minimum.

However, these battery-powered headphones also have a disadvantage: if the battery runs out, you can't continue working!

The digiPHONE+2 has solved this problem. If the battery runs out, just connect the headphones to the control unit with a cable and you can keep working.

digiPHONE+2 can do more – A multifunctional platform



1. Soil spike connection sockets
2. Connection socket for tracing sensor and ground-borne sound sensor
3. Headphone connection socket

You can easily extend your digiPHONE+2 Set to the NT Set (ESG earth rods) to locate cable sheath faults using the voltage gradient method. With the NTRX Set you can also use the Ferrolux receiver for routing and cable tracing.

NT Set

Sheath fault location through voltage gradient method

This set, along with acoustic-magnetic cable fault location, allows the location of cable sheath faults using the voltage gradient method.

- Automatic suppression of external potentials
- Automatic adaptation to the measuring voltage
- Automatic detection of the pulse
- Automatic zero point adjustment
- Measurement sensitivity in µV range
- Cable fastening on the divisible, insulated earth rod

digiPHONE+2 Sets

Technical data and order information

NTRX Set

Tracing and line location with display of current direction

As well as the functions of the NT Set, this set enables the use of routing and expert cable tracing.

- Cable compass for determining the cable position
- Continuous display of the laying depth and amperage
- Current direction detection
- Frequency scan
- Lightweight sensor (900 g)
- Probe mode
- Optional:
  Audio frequency generators 12 W, 50 W, 200 W

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