



digiPHONE⁺

Surge wave receiver for acoustic and electromagnetic fault pinpointing

Features

- ▶ Perfect acoustic quality and noise immunity
- ▶ Automatic mute function to protect your ears
- ▶ Bright, transfective sun readable display
- ▶ Easiest handling with automatic adjustment
- ▶ Earphone volume limitation to 84 dB(A)

The new **digiPHONE⁺**, the new definition of silence!
The innovation for the cable fault pinpointing!

A combination of different technologies for the efficient noise suppression provides you with a maximised, perfect acoustic performance, which passes only the fault noise.

No traffic!
No high heels!
No talking!

You hear only the fault, nothing else -

Your ears will love it!

The technologies of the digiPHONE⁺

BNR – Background Noise Reduction

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

APM Automatic Proximity Mute

The second silent technology in the new **digiPHONE⁺**. As soon as one approaches the handle, the sound switches off, before the hand touches the handle. No cracks or bangs. After removing the hand, a short delay ensures that the **digiPHONE⁺** sensor is standing stable and possible mechanical oscillations have ceased, before the headset is activated.

Housing

The new housing concept of the sensor in connection with a floating microphone suspension reduces the body sound of the sensor itself and provides a solid standing of the **digiPHONE⁺** sensor even on sloped surfaces.

Tracing

The left-right indication keeps the operator always on top of the cable and the compass indicates the fault direction. Distance to fault can be displayed in meter/feet

All advantages at a glance

- ▶ Easiest Operation
- ▶ Automatic adjustment of values
- ▶ BNR – Background Noise Reduction
- ▶ APM – Auto Proximity Mute when approaching the handle. ("Bang" protection)
- ▶ Bright, sun readable display
- ▶ 84 dB(A) limiter (according to noise and vibration protection laws, e.g. "OSHA")
- ▶ Distance measurement in milliseconds or meter/feet
- ▶ Easy tracing with left-right indicator
- ▶ "Compass" for fault direction indication
- ▶ High ground stability of the sensor up to 45°



Technical data

Receiver	DPP-CU
Display	TFT-colour display, 320x240 Pixel
Safety	Volume limitation to 84dB(A)
Gain	>120 dB, automatic
Supply	6 x R6 Alkali-Mangan Batteries
Operation time	> 10 hrs.
Protection rating	IP 54
Dimension (H x W x D)	65 mm x 225 mm x 100 mm
Weight	0.9 kg (incl. batteries)
Sensor	DPP-SU
Dimensions	Diameter 230 mm (outer rim)
Height	140 mm
Handle length	450 ... 750 mm adjustable
Weight	2.2 kg (incl. batteries and handle)
Dynamic range	Magnetic channel >110 dB Acoustic channel >110 dB
Frequency range	100 ... 1500 Hz
Filter stages	OFF 100 ... 1500 Hz
	Low pass 100 ... 400 Hz
	Band pass 150 ... 600 Hz
	High pass 200 ... 1500 Hz
Protection rating	IP 65

Fully automatic trigger level adjustment for acoustic as well as for magnetic channel
Intelligent noise suppression (Background Noise Reduction)
Automatic headset mute function during the handling of the sensor (Automatic Proximity Mute)

Scope of delivery

- ▶ Receiver Unit DPP-CU with shoulder strap
- ▶ Headset KR22-5
- ▶ Sensor Unit DPP-SU with:
- ▶ Telescopic handle
- ▶ Tips (18 mm and 75 mm), tripod
- ▶ Sensor connection cable
- ▶ Set of batteries
- ▶ Carrying bag with foam inserts
- ▶ Ground plate
- ▶ Manual

Accessories

- ▶ Vehicle Installation Kit (instead of the carrying bag)