

# digiPHONE+

## Surge wave receiver for acoustic and electromagnetic fault pinpointing



- 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)

### DESCRIPTION

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 back- ground 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 a 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°

**SPECIFICATIONS**

<b>Receiver DPP-CU</b>	
<b>Display</b>	TFT-color display, 320 x 240 pixel
<b>Safety</b>	Volume limitation to 84dB(A)
<b>Gain</b>	>120 dB, automatic
<b>Supply</b>	6 x R6 Alkali-Mangan batteries
<b>Operating time</b>	>10 hours
<b>Protection rating</b>	IP 54
<b>Dimension (H x W x D)</b>	65 x 225 x 100 mm
<b>Weight</b>	0.9 kg (including batteries)
<b>Sensor DPP-SU</b>	
<b>Dimensions</b>	Diameter 230 mm (outer ring)
<b>Height</b>	140 mm
<b>Handle length</b>	450 ... 750 mm adjustable
<b>Weight</b>	2.2 kg (including batteries and handle)
<b>Dynamic range</b>	Magnetic channel >110 dB Acoustic channel >110 dB
<b>Frequency range</b>	100 ... 1500 Hz
<b>Filter stages</b>	
<b>OFF</b>	100 ... 1500 Hz
<b>Low pass</b>	100 ... 400 Hz
<b>Band pass</b>	150 ... 600 Hz
<b>High pass</b>	200 ... 1500 Hz
<b>Protection rating</b>	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)	

<b>ORDERING INFORMATION</b>	
<b>Item</b>	<b>Cat. No.</b>
DigiPHONE+	1003316-S
Receiver unit with shoulder strap	
Headset	
Sensor unit with:	
Telescopic handle	
Tips (18 mm and 75 mm), tripod	
Sensor connection cable	
Set of batteries	
Carrying bag with foam inserts	
Manual	
<b>Accessories</b>	
Ground plate	
Vehicle installation kit (instead of carrying case)	

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