

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
- Easy handling with automatic adjustment
- Earphone volume limitation to 84 dB(A)

DESCRIPTION

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

A combination of different technologies efficiently suppress noise to provide you with perfect acoustic performance, passing only the fault sound.

- 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

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

The second silent technology in the new digiPHONE+: as soon as one approaches the handle, the sound switches off before the hand touches it, no more 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 stable base for the digiPHONE+ sensor, even on sloped surfaces.

Tracing

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

TECHNICAL DATA*

Receiver DPP-CU

Display	TFT-colour display, 320 x 240 Pixel
Safety	Volume limitation to 84 dB (A)
Gain	> 120 dB, automatic
Supply	6 x LR6 Alkali-Mangan batteries
Operation time	> 10 hrs.
Protection rating	IP 54
Dimensions (H x W x D)	65 x 225 x 100 mm
Weight	0.9 kg (incl. batteries)

Sensor DPP-SU

Dimensions	Diameter 230 mm (outer rim)
Height	140 mm
Handle length	480 ... 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)

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°

ORDERING INFORMATION

Product	Order no.
digiPHONE+ Display unit, sensor unit, telescope handle, connection lead, measuring tip 18 mm, measuring tip 75 mm, tripod, ground plate, headphones, soft carry bag with mold insert, batteries (6 pcs)	1003316-5
Options:	
Wall mount for display unit	118303215
Wall mount for sensor unit digiPHONE+ (NT)	118303214
Floor mount for sensor unit digiPHONE+ (NT)	118303237
Measuring tip 300 mm	890026254
Measuring tip 130 mm	899006926

* We reserve the right to make technical changes.

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CERTIFICATION ISO

Registered to ISO 9001 Cert. no. 000677 QM08

DIGIPHONE+_DS_EN_V02

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