

PRODUCT INFORMATION

Handsets for public phones / multimedia and information terminals etc.



All of our handsets stand out due to their timeless and functional design. They meet the highest acoustic, mechanic and environmental requirements due to their fully developed conception, the composition of high-quality materials and ultrasonic bonding. They are available with a dynamic microphone capsule or electret microphone. The handsets comply with the DIN VDE 0470 and EU 60259 regulations and meet the requirements of the **IP code 40**. If exposed to water (splash) an especially protected version with **IP code 44** is available.

delivery combinations

Description	Cord / Cord length	Type of microphone	Protection class
handset PS 775	armoured cord 775 mm	dynamic mouthpiece	IP 40
handset PS 775 E	armoured cord 775 mm	electret microphone	IP 40
handset PS 775 O	armoured cord 775 mm	dynamic mouthpiece	IP 44
handset PS 960	armoured cord 960 mm	dynamic mouthpiece	IP 40
handset PS 960 E	armoured cord 960 mm	electret microphone	IP 40
handset PS 960 EKL	armoured cord 960 mm with 2 x 3,5 mm phone jack	electret microphone	IP 40
handset PS 960 O	armoured cord 960 mm	dynamic mouthpiece	IP 44
handset WS 200	coiled cord 200-1000 mm	dynamic mouthpiece	IP 40
handset WS 200 E	coiled cord 200-1000 mm	electret microphone	IP 40
handset WS 200 O	coiled cord 200-1000 mm	dynamic mouthpiece	IP 44

data of the electroacoustic transducer

Technical data		Dynamic ear-/ mouthpiece	Electret microphone / dynamic earpiece
Impedance	Transmitting end	$Z=300 \Omega \pm 20\%$ (at $f=1\text{kHz}$)	$Z=2 \text{ k}\Omega \pm 30\%$ (at $f=1\text{kHz}$)
	Receiving end	$Z=300 \Omega \pm 20\%$ (at $f=1\text{kHz}$)	$Z=300 \Omega \pm 20\%$ (at $f=1\text{kHz}$)
Sensitivity IP 40 handset	Transmitting end	93,5 dB at 1KHz (0dB=20 μ Pa)	-58,5 dB at 1kHz (0dB=1V/ μ bar)
	Receiving end	95 dB at 1KHz (0dB=20 μ Pa)	95 dB at 1kHz (0dB=20 μ Pa)
Sensitivity IP 44 handset	Transmitting end	99 dB at 1KHz (0dB=20 μ Pa)	-
	Receiving end	95 dB at 1KHz (0dB=20 μ Pa)	-

The receiving end is hearing aid compatible according to CCITT P.37.

The handset dimensions comply with the CCITT recommendation of P.35. The handset housing consists of ABS bonded with ultrasound, the temperature range is from - 25°C to + 70°C (handset with dynamic microphone capsule) and -10°C to + 60°C (handset with electret microphone).

The colour of the handsets is slate grey (similar to RAL 7015). ESD compatibility: 8 kV air discharge, 4 kV contact discharge.

More information can be found on the document „dimensions/connections“.

Subject to change

FMN communications GmbH • Grimmelallee 4 • 99734 Nordhausen

Phone: +49 3631 56-5000 • Fax: +49 3631 56-3224 • Email: info@fmn.de • Internet: www.fmn.de