

- *For voice transmission in radio communications and telephony*
- *Electret microphone*
- *Swivel-mounted flexible microphone arm*
- *Three-piece adjustable headband, superb comfort*
- *Soft ear cushions*
- *Washable ear cushion covers*
- *Suitable for TETRA*



**Technical specification**

Housing.....	shock-proof plastic housing	
Colour.....	black	
Weight without cable.....	approx. 75 g	
Terminals.....	coiled cord, black, length approx. 0.9 m, straight approx. 2 m, ends tinned	
Degree of protection.....	IP 30	acc. to DIN EN 60529
Temperature range	operation:..... -20 °C up to +60 °C	Nb acc. to DIN EN 60068-2-14
	storage:..... -20 °C up to +60 °C	Nb acc. to DIN EN 60068-2-14
Acceptable relative humidity.....	≤ 93 %	Db acc. to DIN EN 60068-2-30

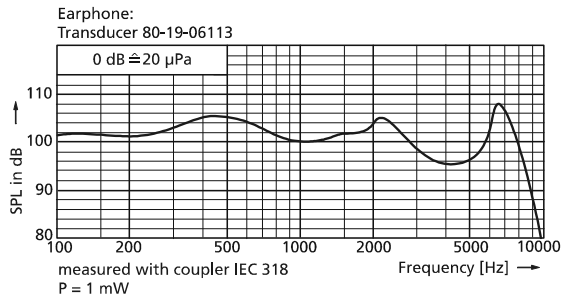
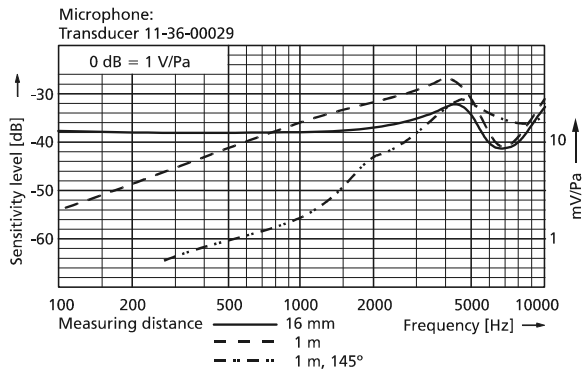
**Electroacoustic specification**

**Microphone**

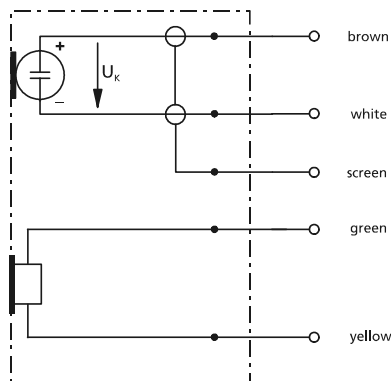
Electroacoustic principle.....	electret	
Directional characteristic.....	supercardioid	
Free-field nominal sensitivity.....	15.8 mV/Pa	<i>[(-36 ± 4) dB, rel. 1 V/Pa] U<sub>b</sub> = 6 V, R<sub>L</sub> = 2.2 kΩ, f = 1 kHz, 1 m</i>
Close-talking sensitivity.....	12.6 mV/Pa	<i>[(-38 ± 4) dB, rel. 1 V/Pa], distance 16 mm, f = 1 kHz</i>
Nominal output impedance.....	2 kΩ up to 6 kΩ	<i>f = 1 kHz</i>
Acceptable terminal voltage.....	1.5 V up to 9 V	
Current drain.....	0.15 mA up to 0.45 mA	

**Receivers**

Electroacoustic principle.....	dynamic	
DC resistance.....	5, 10, 50, 100, 200 or 600 Ω	<i>± 15 %</i>
Nominal power handling capability.....	100 mW	acc. to DIN EN 60268-7
Sound pressure level.....	100 dB	<i>± 3 dB, rel. 20 µPa, measured at IEC 318-coupler, 1 kHz, 1 mW</i>



Connecting diagram



cable clip

Included in delivery

Headset, cable clip, ear cushion cloth covering (1 pair)

Order details

Headset, monaural, 100 Ω

Part No. 90-31-12410

Special models

- with mounted plug

Easy replacable spare parts

Ear cushion ..... Part No. 27-17-00086  
 Ear cushion cloth covering, black (1 pair) ..... Part No. 98-05-12250  
 Cable clip (10 pcs.) ..... Part No. 22-16-80012