

Components

Stage and Audio Accessories

HSE-100

Order No. 23.2160

HSE-110

Order No. 23.2170

HSE-120

Order No. 23.2180

Headband microphones

- High-quality back electret cartridge
- Very linear frequency response, especially resistant to external sound due to its supercardioid polar pattern with high back suppression
- The power supply adapter EMA-1 or a respective power supply is required for operation

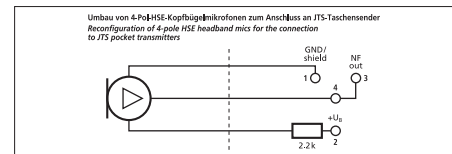
HSE-100: with stripped cable ends

HSE-110: with 3-pole mini XLR inline jack, matching EMA-1 or a pocket transmitter TXS-...HSE

HSE-120: with 3.5 mm plug



Model	HSE-100	HSE-110	HSE-120
Polar pattern	supercardioid	supercardioid	supercardioid
System	back electret	back electret	back electret
Audio frequency range	20-20,000 Hz	20-20,000 Hz	20-20,000 Hz
Nominal impedance	3 kΩ	3 kΩ	3 kΩ
Sensitivity	7 mV/Pa	7 mV/Pa	7 mV/Pa
Max. sound pressure	120 dB	120 dB	120 dB
Power supply	= 1.3-20 V	= 1.3-20 V	= 1.3-20 V
Weight	60 g	69 g	68 g
Connection	bare cable ends	3-pole mini XLR	3.5 mm plug



HSE-70WP

Order No. 23.6040

IPX4

Splashproof electret headband microphone, IPX4

- Suitable for vocal and speech applications, especially with outdoor activities or with high ambient humidity
- Very comfortable to wear
- Secure fit also for sports applications
- Back electret microphone cartridge with cardioid polar pattern
- 3-pole mini XLR inline jack for connection to an optional phantom power supply adapter (EMA-1, EMA-300P) or a pocket transmitter TXS-...HSE
- Supplied with nylon bag

Model	HSE-70WP
Polar pattern	cardioid
System	back electret
Audio frequency range	100-14,000 Hz
Nominal impedance	600 Ω
Sensitivity	7.9 mV/Pa
Max. sound pressure	115 dB
Power supply	= 1.5-9 V
Weight	60 g
Cable	1.1 m
Connection	3-pole mini XLR



HSE-821SX

Order No. 22.0890

Replacement electret headband microphone

- Suitable for vocal and speech applications
- Microphone cartridge with cardioid polar pattern
- Gooseneck cartridge arm
- 1.3 m connection cable with 3.5 mm plug, with latching device
- Operation via a pocket transmitter of the series TXS-820SX, TXS-822SX, TXS-820LT or TXS-822LT
- Microphone windshield

Model	HSE-821SX
Polar pattern	cardioid
System	electret
Audio frequency range	80-12,000 Hz
Nominal impedance	680 Ω
Sensitivity	5.6 mV/Pa
S/N ratio	60 dB
Max. sound pressure	110 dB
Power supply	1.5-3 V
Weight	60 g
Cable	1.3 m
Connection	3.5 mm plug



HSE-86

Order No. 23.5860

Electret headband microphone

- For vocal and speech applications
- Very comfortable to wear
- Secure fit also for sports applications
- High-quality electret cartridge
- 3.5 mm screw-in mono plug for connection to optional phantom power supply adapter (EMA-20) or pocket transmitter

Model	HSE-86
Polar pattern	cardioid
System	electret
Audio frequency range	100-12,000 Hz
Nominal impedance	2.2 kΩ
Sensitivity	8.5 mV/Pa
Max. sound pressure	110 dB
Power supply	= 2-10 V
Weight	40 g
Cable	1 m
Connection	3.5 mm mono plug, screw-in, 7.8 mm outside thread

