

### HSE-152A/SK

Order No. 0235170

#### Ultra-light headband microphone

- Cardioid polar pattern
- High-quality back electret cartridge
- Plug with latching device
- Supplied with adapters for the TXS-...HSE series (3-pole mini XLR) and pocket transmitters from JTS (4-pole mini XLR)
- Excellent feedback rejection
- Turning cartridge arm of adjustable length
- Drip ring (protects cartridge from moisture)
- Removable sweat-proof connection cable with 2.5 mm stereo plug (replacement connection cable: HSE-70C)

Model	HSE-152A/SK
Polar pattern	cardioid
System	back electret
Audio frequency range	20-20,000 Hz
Nominal impedance	1.5 kΩ
Sensitivity	1.8 mV/Pa
Max. sound pressure	130 dB
Power supply	≈ 1.5-9 V
Weight	7 g
Connection	2.5 mm stereo plug 2 connecting adapters

- Optional adapters allow application with devices from other manufacturers
- External power supply e.g. via phantom power supply adapter EMA-1 or EMA-300P
- Microphone windshield



### HSE-110

Order No. 0232170

#### 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-110
Polar pattern	supercardioid
System	back electret
Audio frequency range	20-20,000 Hz
Nominal impedance	3 kΩ
Sensitivity	7 mV/Pa
Max. sound pressure	120 dB
Power supply	≈ 1.3-20 V
Weight	69 g
Connection	3-pole mini XLR



### HSE-90

Order No. 0234070

#### Electret headband microphone

This microphone is the right choice for applications which require an excellent sound as well as an extra low acoustic feedback and a secure fit.

- Cardioid polar pattern for high back suppression
- Integrated and external windshield/pop noise head minimise noise from wind, breath and articulation
- Flexible cartridge support for reducing low impact sound
- Wide transmission range
- Extra stable positioning

Model	HSE-90
Polar pattern	cardioid
System	back electret
Audio frequency range	20-20,000 Hz
Nominal impedance	650 Ω
Sensitivity	10 mV/Pa
Max. sound pressure	120 dB
Power supply	≈ 1.5-9 V
Weight	25 g
Connection	3-pole mini XLR

- Movable gooseneck cartridge arm
- Temple rest
- Microphone windshield



### HSE-70A/SK

Order No. 0235190

#### Hyperlight miniature earband microphone

- Unobtrusive design with earlobe support
- Omnidirectional polar pattern
- Premium high-quality back electret cartridge
- Supplied with adapters for the TXS-...HSE series (3-pole mini XLR) and pocket transmitters from JTS (4-pole mini XLR)
- Removable sweat-proof connection cable with 2.5 mm stereo plug (replacement connection cable: HSE-70C)
- Drip ring (protects cartridge from moisture)
- Optional adapters allow the application with devices from other manufacturers

Model	HSE-70A/SK
Polar pattern	omnidir.
System	back electret
Audio frequency range	20-20,000 Hz
Nominal impedance	2 kΩ
Sensitivity	5.6 mV/Pa
S/N ratio	> 65 dB
Max. sound pressure	140 dB
Power supply	≈ 0.8-5 V
Weight	6 g
Connection	2.5 mm stereo plug 2 connecting adapters

- External power supply e.g. via phantom power supply adapter EMA-1 or EMA-300P
- Supplied with microphone windshield and bag

