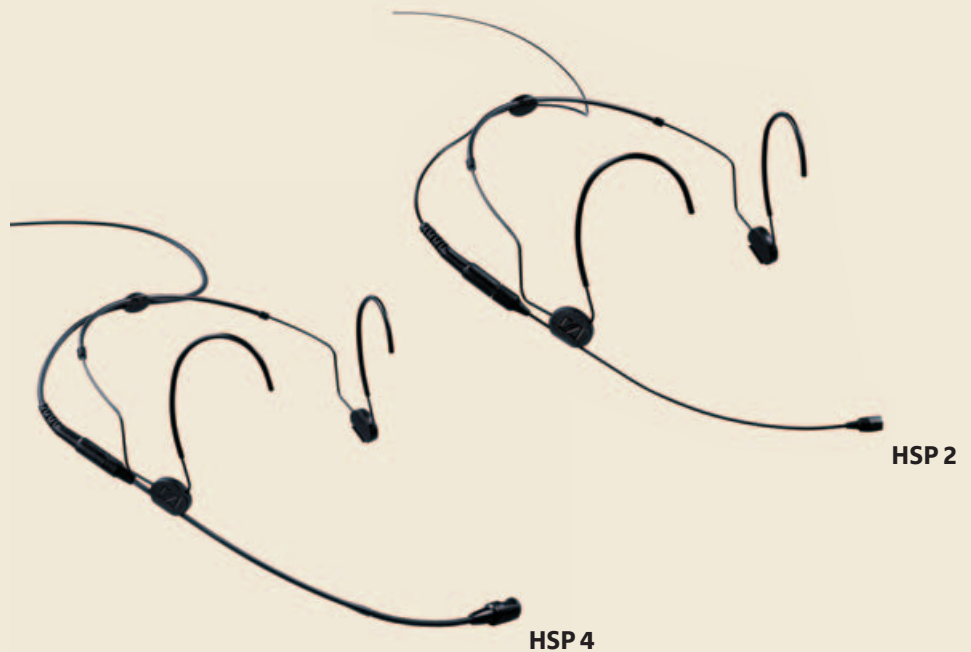


# HSP 2/HSP 4

## Product News

HSP 2 and HSP 4 are high-quality neckworn condenser microphones designed for professional “hands free” applications. The adjustable neckbands are visually unobtrusive and very comfortable to wear.



### Delivery includes HSP 2/HSP 4

- Neckband with two holders for the microphone boom
- HSP 2/HSP 4 microphone
- Connection cable
- Plastic transport case
- Instructions for use
- Warranty Certificate

### HSP 2

- Omni-directional pick-up pattern
- Patented Umbrella Diaphragm protects the microphone against sweat
- Extremely thin microphone boom ( $\varnothing$  1.1 mm), interchangeable, can be worn left or right sided
- Individually adjustable to all head sizes
- Microphone is kept clear from shirt-collar or clothing
- Excellent feedback rejection
- Microphone boom adjustable in length and angle
- Detachable, replaceable cable

### HSP 4

- Cardioid pick-up pattern
- Microphone cap with integrated windscreen
- Very thin microphone boom ( $\varnothing$  2.0 mm), interchangeable, can be worn left or right sided
- Flexible gooseneck
- Individually adjustable to all head sizes
- Microphone is kept clear from shirt-collar or clothing
- Excellent feedback rejection
- Microphone boom adjustable in length and angle
- Detachable, replaceable cable

# Accessories, Specifications and Product Variants

Accessories	HSP 2/HSP 4	
	Neckband with two holders	anthracite beige
Microphone boom, omni-directional	beige anthracite	Cat. No. 511711 Cat. No. 511712
Microphone boom, cardioid	beige anthracite	Cat. No. 511713 Cat. No. 511714
Microphone cap, cardioid	anthracite beige	Cat. No. 511715 Cat. No. 511716
Cable with Lemo connector	black beige	Cat. No. 511717 Cat. No. 511718
Steel wire cable with 3.5 mm mini-jack	black beige	Cat. No. 511719 Cat. No. 511720
Steel wire cable with open ends	black beige	Cat. No. 511721 Cat. No. 511722
Plastic transport case		Cat. No. 511723
MZA 900 P phantompower adapter		Cat. No. 500226
MZC 2-1 protection cap, short	anthracite beige	Cat. No. 085842 Cat. No. 085843
MZC 2-2 protection cap, long	anthracite beige	Cat. No. 085839 Cat. No. 085840
MZW 2 windshield	black beige	Cat. No. 047185 Cat. No. 047186

Specifications	HSP 2	HSP 4
	Frequency response	20–20.000 Hz +/- 3 dB
Pick-up pattern	omni-directional	cardioid
Nominal impedance (at 1 kHz)	1000 Ω	1000 Ω
Min. terminating impedance	4.7 kΩ	4.7 kΩ
Sensitivity	2 mV/Pa	4 mV/Pa
Diametre of mic capsule	4.8 mm	8.4 mm
Max. sound pressure level	150 dB	150 dB
Equivalent noise level	28 dB (A)	37 dB (A)
Supply current	250 µA	250 µA
Power supply	4.5–15 V	4.5–15 V
Cable length	1.6 m	1.6 m
Diametre of boom arm	1.1 mm	2.0 mm
Weight boom arm	2.1 g	4.8 g
Connector	see Product Variants	see Product Variants
Weight Neckband	Weight 4.4 g	Weight 4.4 g

Product Variants	HSP 2
HSP 2: Neckworn microphone (condenser, omni-directional), 3-pin screw special connector, very thin, flexible cable, anthracite	Cat. No. 009862
HSP 2-3: Neckworn microphone (condenser, omni-directional), 3-pin screw special connector, very thin, flexible cable, beige	Cat. No. 009863
HSP 2-ew: Neckworn microphone (condenser, omni-directional), ew 3.5 mm lockable mini-jack, steel wire cable, anthracite	Cat. No. 009866
HSP 2-ew-3: Neckworn microphone (condenser, omni-directional), ew 3.5 mm lockable mini-jack, steel wire cable, beige	Cat. No. 009872
HSP 2-5: Neckworn microphone (condenser, omni-directional), open-ended cable, steel wire cable, anthracite	Cat. No. 009868
HSP 2-5-3: Neckworn microphone (condenser, omni-directional), open-ended cable, steel wire cable	Cat. No. 009869
Product Variants	HSP 4
HSP 4: Neckworn microphone (condenser, cardioid), 3-pin screw special connector, very thin, flexible cable, anthracite	Cat. No. 009864
HSP 4-3: Neckworn microphone (condenser, cardioid), 3-pin screw special connector, very thin, flexible cable, beige	Cat. No. 009865
HSP 4-ew: Neckworn microphone (condenser, cardioid), ew 3.5 mm lockable mini-jack, steel wire cable, anthracite	Cat. No. 009867
HSP 4-ew-3: Neckworn microphone (condenser, cardioid), ew 3.5 mm lockable mini-jack, steel wire cable, beige	Cat. No. 009873
HSP 4-5: Neckworn microphone (condenser, cardioid), open-ended cable, steel wire cable, anthracite	Cat. No. 009870
HSP 4-5-3: Neckworn microphone (condenser, cardioid), open-ended cable, steel wire cable, beige	Cat. No. 009871