



HME 110 ATC/C3 Series ATC Headsets

Uncompromising sound control

Sennheiser HME 110 ATC/C3 headsets with closed-ear noise protection provide excellent passive attenuation for air traffic controllers or C3/Surveillance operators in particularly noisy environments. A noise-cancelling microphone ensures excellent speech transmission and soft ear pads and headband deliver long-wearing comfort. To set the headset's sound for varying sound environments, microphone sensitivity can be simply adjusted and a handy volume control on the headset optimizes sound on the fly if conditions change. It's also possible to choose between mono and stereo operation. A fully adjustable design ensures a firm fit for any user and a choice of cable lengths and jack options make it simple to adapt to any system or platform.



BENEFITS AND FEATURES

- **Sennheiser Voice Clarity** for accurate communication, provides a natural listening experience
- **Excellent speech transmission** Noise-cancelling microphone reduces ambient noise to improve intelligibility and reduce "call-back/read-back" events
- **Noise reduction** with closed ear cups offering passive attenuation up to 40dB
- **Quick volume adjustment** with built in volume control on ear cup. Can be disabled if needed
- **Choice of mono/stereo** with simple switching for dual communications sources
- **Flexible microphone boom** - can be worn on either left or right-hand side
- **Cable/connector/PTT** Wide range of cables and connectors, can be customized



HME 110 ATC/C3 Series ATC Headsets

Technical Data

| Product | HME 110 ATC | HME 110 C3 |
|----------|------------------|------------------|
| Art. No. | 500679 | 507280 |
| EAN No. | 40 44155 00857 9 | 40 44155 23762 7 |
| UPC No. | 6 15104 11322 0 | 6 15104 31485 6 |

Headphones

Sound pressure level:

| | | |
|---|---------------------------|---------------------------|
| dB SPL @ 1 KHz, 0.5 V | 92 ±3 dB | 92 ±3 dB |
| dB SPL @ 1 KHz, 1 mW | 90 ±3 dB | 90 ±3 dB |
| dB SPL @ 1 KHz, 1V | 98 ±3 dB | 98 ±3 dB |
| Max SPL [dB] | 120 | 120 |
| THD, total harmonic distortion at 100 dB SPL at 1 kHz | < 1 % | < 1 % |
| Frequency response | 45 – 15,000 Hz | 45 – 15,000 Hz |
| Impedance | 300 Ω stereo / 150 Ω mono | 300 Ω stereo / 150 Ω mono |
| Power rating | 200 mW | 200 mW |

Microphone

| | | |
|----------------------------|-----------------------------------|-----------------------------------|
| Microphone type | Electret, MKE 45-1 | Electret, MKE 45-1 |
| Output voltage | 40 mV/Pa ±1dB @ 1kHz | 40 mV/Pa ±1dB @ 1kHz |
| Pick-up pattern | Noise-cancelling, uni-directional | Noise-cancelling, uni-directional |
| Supply voltage | 8-16 VDC | 8-16 VDC |
| Frequency response | 100 – 5,000 Hz | 100 – 5,000 Hz |
| Recommended load impedance | 150 – 2,200 Ω | 150 – 2,200 Ω |

General Data

| | | |
|-----------------------------|---|---------------------------------------|
| Cable length | 1.5 m / 59.1 in | 1.85 m / 72.8 in |
| Connector/cable termination | 5.25mm jack plug microphone 6.35mm jack plug headset | Open end, pre-tinned cable |
| Wearing style | Headband, double-sided | Headband, double-sided |
| Contact pressure | 10 N | 10 N |
| Ear coupling | Closed, Circumaural | Closed, Circumaural |
| Weight of headset | 350 g / 12.35 oz | 350 g / 12.35 oz |
| Storage temperature | -55 °C to +70 °C -67 °F to +158 °F | -55 °C to +70 °C -67 °F to +158 °F |
| Operating temperature | -10 °C to +55 °C +14 °F to +131 °F | -10 °C to +55 °C +14 °F to +131 °F |
| Warranty | 5 years | 5 years |



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| Packaging | HME 110 ATC | HME 110 C3 |
|---|--|--|
| Dimension of product packaging (W x H x D) | 230 x 170 x 105 mm 9.06 x 6.69 x 4.13 in | 230 x 170 x 105 mm 9.06 x 6.69 x 4.13 in |
| Package weight (incl. complete product and packaging) | 562 g / 19.82 oz | 532 g / 18.77 oz |
| Units in distributor master carton | 10 | 10 |
| Master carton weight incl. products | 6.48 kg / 14.29 lbs | 6.18 kg / 13.62 lbs |
| Dimension of master carton (W x H x D) | 590 x 290 x 350 mm 23.22 x 11.42 x 13.78 in | 590 x 290 x 350 mm 23.22 x 11.42 x 13.78 in |
| Unit pack/end user | 1 | 1 |

Content of delivery

| | |
|-------------|---|
| Box content | <ul style="list-style-type: none">- Headset- Cable clip- Safety guide- Quick guide |
|-------------|---|

Accessories*

| Product name | Product description | Art. No | EAN No. | UPC No. |
|-----------------|-------------------------|---------|------------------|-----------------|
| MZW 45 | Windscreen packed | 092804 | 40 06087 92804 2 | 6 15104 92804 6 |
| HZC 08 | Cable clip, black | 525787 | 40 44155 03178 2 | 6 15104 14651 8 |
| HMS 26-2 | Headband padding, 2 pcs | 550262 | 40 44155 08518 1 | 6 15104 24120 6 |
| Comfort earpads | 1 pair with disc | 517607 | 40 44155 02036 6 | 6 15104 13143 9 |

* Only use accessories supplied or recommended by Sennheiser