



Communications Headsets

Performance: Exceptionally high quality transducers provide wide smooth frequency response, reducing the onset of ear fatigue for those who must spend many hours wearing headsets. Deep, comfortable ear cushions have excellent external noise exclusion characteristics, and are washable with ordinary dish washing detergent. At 10.8oz (.306kg), including the cable and XLR, the SMH910 (shown above) is much lighter than its appearance suggests. Even the dual muff version, DMH920, weighs in at only 15.3oz (.435kg). The noise-canceling microphone is mounted on a flexible, steel reinforced boom which can be bent for optimum positioning. The boom swings up out of the way when required and shuts the microphone off at the top of the swing. The boom can be reversed for use on the right side. The flexible headband is adjustable. The normal transducer configuration for use with **Production Intercom** and compatible headset intercom systems is 400 Ω earspeaker(s) and a 200 Ω dynamic microphone. Electret microphones and both 50 and 100 Ω earspeakers are also available for various other applications. The standard version comes with a 4-pin female XLR-type plug but other configurations are available. The microphone in the standard version is wired unbalanced but it can easily be balanced for audio or broadcast applications.



Reversible boom allows for left or right ear coverage

Durability: All headsets are the most vulnerable to damage at the point where the boom connects with the ear cup. The ingenious way in which the boom swivels on the 900 series offers a whole new level of longevity. The internal switch, which mutes

the microphone at the top of the boom's arc, is rated for millions of operations. The assembly screws are hidden to prevent tampering. These headsets are easily field repairable. **Production Intercom** maintains a full inventory of replacement parts at reasonable prices and provides fast turnaround if repairs ever become necessary.

Value: These fully featured professional headsets are priced competitively with headsets offering lesser performance and greater fragility. These combine with long working life and low cost of repairs to offer outstanding value.

Compatibility: 900 series headsets are compatible with Clear-Com[®] and all other popular headset intercom systems, and are easily configured for other applications.

Technical Specifications: (Subject to change without notice)
Earspeakers: 400 Ω dynamic 40~14.4kHz SPL: \geq 94 dB
Continuous power: 100mW
External noise isolation: ca. 18 dBA

Microphone:
Dynamic, cardioid, 40-15,000Hz 100 Ω (200 Ω) balanced
Front to back: >15dB Close talking sensitivity: -1mV(=3mV/Pa)
Weight: Single: 7.76oz (220g) Dual: 15.3oz (435g)

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