DYNAMIC MICROPHONE HEADSETS

SupraPlus Monaural:
SDS 2490

SupraPlus Binaural:
Single Channel: SDS 2491
Dual Channel: SDS 2492

Ruggedized Binaural:
Single Channel: SDR 2301
Dual Channel: SDR 2460

KEY FEATURES:

- **Mission-critical reliability and comfort.** Our dynamic-microphone headsets not only meet or exceed all specifications set by our existing world-class professional headsets, but these headsets also deliver superior all-day, every-day comfort and reliability.

- **Dynamic noise-cancelling microphone.** Noise-cancelling microphone with extended boom eliminates nearly 75% of unwanted background noise, ensuring excellent transmission clarity in busy, noisy environments.

- **Cable and Quick Disconnect.** Single-cable designs with robust PU (polyurethane) jacketing material and Quick Disconnect options. Models SDS 2490-02, SDS 2491-02 and SDR 2301-01 are equipped with Poly H/HW-Type 4 pin Quick Disconnects. Models SDS 2492-01 and SDR 2460-01 are equipped with Poly TA6M 6 pin Quick Disconnects.

- **Excellent audio quality.** Extended frequency response improves intelligibility.

- **Circumaural Cushion Kit.** (sold separately) PN 83195-01 is available for use on SupraPlus models.

- **PTT and connector options available upon request.**

DYNAMIC MICROPHONE HEADSET SPECIFICATIONS

Sending Characteristics (all models):

Microphone Type:	Noise-cancelling dynamic
Frequency Range:	150 Hz to 10 kHz
Output Impedance:	150 ohms nominal
Noise Cancellation:	10 dB
Output Amplitude @ 1 kHz:	-74 dBV +/- 4 dBV (126 to 316 µV RMS) open-circuit with an input signal of -6 dB Pa applied to the front surface of the microphone housing that is held on-axis at one inch from the lip ring of an artificial mouth per IEEE Std 269-1992 and ITU-T P.51

Receiving Characteristics (SupraPlus Monaural and Dual-channel):

Frequency Range:	100 Hz to 10 kHz
Input Impedance:	150 ohms +/- 25%
Output Amplitude @ 1 kHz:	-7 dB Pa +/- 3 dB Pa with an input signal of -20 dBV through 10 ohms using a head-and-torso simulator per IEC 959, ANSI S3.36-1985, and ITU-T P.58

Receiving Characteristics (SupraPlus Binaural):

Frequency Range:	100 Hz to 10 kHz
Input Impedance:	75 ohms +/- 25%
Output Amplitude @ 1 kHz:	-7 dB Pa +/- 3 dB Pa with an input signal of -20 dBV through 10 ohms using a head-and-torso simulator per IEC 959, ANSI S3.36-1985, and ITU-T P.58

Receiving Characteristics (Ruggedized):

Frequency Range:	300 Hz to 10 kHz
Input Impedance:	150 ohms nominal (Dual Channel); 75 ohms nominal (Single Channel)
Output Amplitude @ 1 kHz:	-11.8 dB Pa +/- 5.0 dB Pa into an IEC 60318 and ITU-T P.57 Type 1 coupler equipped with a Bruel & Kjaer Type DB 0843 adapter with an input amplitude of -10.0 dBV through 300 ohms

Note: 0 dB Pa = 94 dB SPL