



INTRODUCTION

Models LH267 and LH268 Lightweight Headsets offer excellent sound quality while providing a level of comfort that allows the headset to be worn for extended periods of time without fatigue. Designed for use in professional applications, both headsets offer top electrical performance utilizing high quality microphone and headphone transducers.

LH267 SINGLE HEADSET

The LH267 Single Headset is a lightweight single headphone, open-air headset designed for use in professional applications. Unobtrusive and trim in appearance, the LH267 employs a unidirectional dynamic microphone with a slight presence boost for enhanced voice clarity. A large diameter headphone lightly sits on the ear to allow external sounds to be heard.

The microphone boom is easily adjustable in four directions to best suit the user. A slight tension in the mechanism holds the boom arm in place along its 360 degrees rotation path. The headset can be worn with the mic boom on the left or the right ear and the headphone band can be expanded or contracted for best fit.

The single exit point cable is very flexible and features an adjustable position clothing clip. This will prevent the headset from being pulled off the user's head should he move beyond the length of the cable.

The LH267 is not intended for rugged applications; it should be handled with care since it is non-repairable.

LH268

The LH268 Headset is a lightweight unit with dual open-air headphones. Nicely finished, it is trim, comfortable and easy to use. Features include ultra-light weight of 1.5 ounces, a cable mounted clothes clip to secure the cord, and a solid overall mechanical design.

A close-talking, unidirectional dynamic microphone reduces external ambient noise on average by 15 dB while slight presence boost provides improved voice clarity. The overall frequency response is broadband from 50 Hz to 11,000 Hz typically requiring a wind screen to prevent popping.

The microphone boom is easily adjustable in four directions to best suit the user. The headset can be worn in only one direction—left ear mic boom arm, due to a limited degree of rotation (170°). The boom arm rotates from the top of the headset to below chin level.

The headphones employ small circumference cups that sit lightly on the ear allowing most external sounds to be heard while wearing the headset. Yet the sound generated in the headphones is not likely to be heard by nearby persons unless the volume is at an extreme level. The headphones are wired for monaural operation although the wiring may be user-modified should a split-feed stereo mode be required.

The single exit point cable is very flexible and features an adjustable position clothing clip to secure the cable. This will prevent the headset from being pulled off the user's head should he move beyond the length of the cable.

The LH268 is not intended for rugged applications; it should be handled with care since it is non-repairable.

Microphone

Type: Dynamic, unidirectional
Sensitivity: -82 dB/u bar
Frequency response: 100 Hz to 10,000 Hz
Impedance: 200 ohms

Speaker

Type: Dynamic open air,
Speaker: Dynamic mylar film, 36 mm Dia.
Impedance: 40 ohms @ 1 kHz
Sensitivity (S.P.L.): 106 dB @ 1 kHz ref: 10 mw
Input power: 30 mw (max 100 mW)
Frequency response: 250 Hz—4,500 Hz

Mechanical

Weight: 40 grams
Cable length: 6 ft.
Cable termination: XLR type connector, 4-pin

Microphone

Type: Dynamic, unidirectional
Sensitivity: -82 dB/u bar
Frequency response: 50 Hz to 11,000 Hz
Impedance: 600 ohms

Speaker

Type: Dynamic open air,
Speaker: Dynamic mylar film, 23 mm Dia.
Impedance: Stereo
32 ohms @ 1 kHz
Monaural
16 ohms @ 1 kHz
Sensitivity (S.P.L.): 102 dB @ 1 kHz ref: 10 mw
Input power: 30 mw (max 100 mW)
Frequency response: 200 Hz—16,000 Hz

Mechanical

Weight: 98 grams
Cable length: 6 ft.
Cable termination: XLR type connector, 4-pin

Note: The LH 268 can be wired with a 5-pin XLR type connector to allow separate feeds to each headphone. In this split-feed configuration, the LH268 can be used directly with models BP320 Stereo Portable User Station, 802 Master Station and 848 Matrix Intercom Station for stereo (dual channel) operation.

This option can be ordered as a model LH268/A5M.