

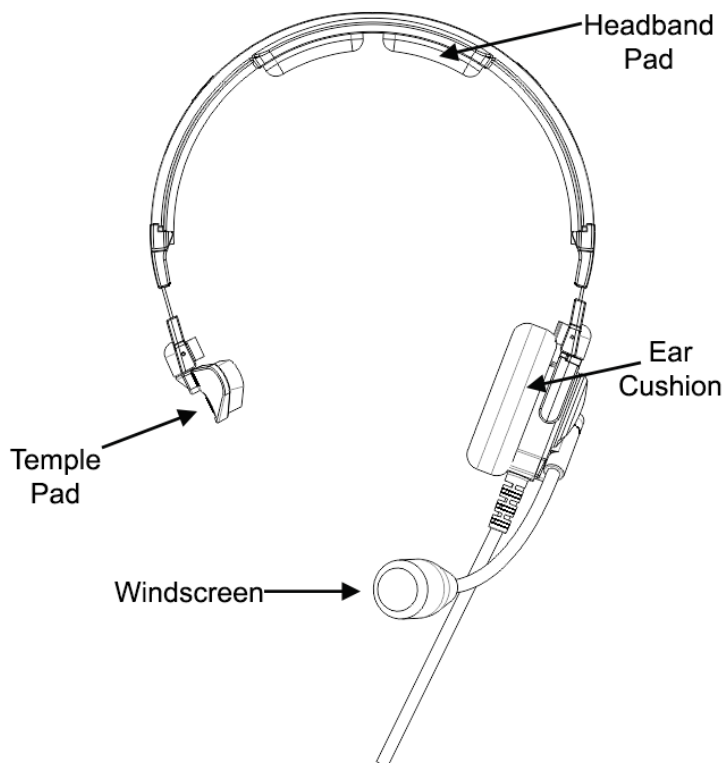
### LH-300

## General Description

The LH-300 is a single-sided super lightweight headset for the ultimate in day-long comfort. Offering a noise-canceling microphone with a semi-rigid, fully adjustable boom for precise positioning. The high-quality, wide band, dynamic earphones are covered in a pliable material for superior fit, isolation, and frequency response.

## Features

- Fully rotating boom microphone positionable for right- or left-side use
- Boom mounted, noise-canceling microphone
- Soft, pliable ear cushions and headband pads



LH-300 Reference View

## Order Information

### Models

- LH-300-DM-A4F • Single Side, Dynamic Mic, A4F
- LH-300-DM-A4M • Single Side, Dynamic Mic, A4M
- LH-300-DM-A5M • Single Side, Dynamic Mic, A5M
- LH-300-EM-i3.5 • Single Side, Electret Mic, 3.5mm
- LH-300-DM-PT • Single Side, Dynamic Mic

### Accessories

- LH-WS • Windscreen for LH Series 2 pcs
- LH-EC1 • Foam Ear Cushion for LH Series 2 pcs
- LH-EC2 • Supple Ear Cushion for LH Series 2 pcs
- LH-CC • Clothing Clip for LH Series
- LH-SC • Storage Case for LH Series
- LH-HBP • Headband Pad for LH Series
- LH-HC • Hygiene Covers for LH Series 10 pcs

**For ordering information, contact  
your regional sales representative at  
[www.rtsintercoms.com](http://www.rtsintercoms.com)**

Headphone

Type: Dynamic

Impedance: 150 Ω ±20% @1kHz -  
• LH-300-DM-A4F  
• LH-300-DM-A4M

300 Ω ± 20% @1kHz -  
• LH-300-DM-A5M  
• LH-300-DM-PT  
• LH-300-EM-i3.5

Sensitivity: 99 ± 4 dBSPL @ 1 kHz & 1 mW with B&K 4153 (150 Ω)  
100 ± 4 dBSPL @ 1 kHz & 1 mW with B&K 4153 (300 Ω)

Frequency Response: 200 Hz – 10 kHz (-10 dB re. 1 kHz)

Microphone

Element Type: Noise-Canceling Dynamic -  
• LH-300-DM-A4F  
• LH-300-DM-A4M  
• LH-300-DM-A5M  
• LH-300-DM-PT

Noise-Canceling Electret -  
• LH-300-EM-i3.5

Impedance: Dynamic: 200 Ω  
Electret: approx. 2.2 KΩ

Frequency Response: Dynamic: 200 Hz – 6500 Hz  
Electret: 200 Hz – 10 kHz

Sensitivity: Dynamic: -63 ± 3.5 dB re:1V/Pa @ 1 kHz  
Electret: -41 ± 3.5 dB re: 1V/Pa @1 kHz

Operating Voltage: Electret Microphone: 2V through 2.2K resistor

Connector Type: LH-300-DM-A4F 4-pin female XLR  
LH-300-DM-A4M 4-pin male XLR  
LH-300-DM-A5M 5-pin male XLR  
LH-300-DM-PT no connector  
LH-300-EM-i3.5 4 conductor 3.5mm

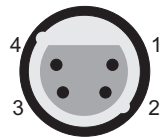
Physical Weight: headset weight (with cord) wearing weight (without cord)

|                |                  |                 |
|----------------|------------------|-----------------|
| LH-300-DM-A4F  | ~5.2 oz (~147 g) | ~2.6 oz (~74 g) |
| LH-300-DM-A4M  | ~5.2 oz (~147 g) | ~2.6 oz (~74 g) |
| LH-300-DM-A5M  | ~5.2 oz (~147 g) | ~2.6 oz (~74 g) |
| LH-300-DM-PT   | ~3.9 oz (~111 g) | ~2.6 oz (~74 g) |
| LH-300-EM-i3.5 | ~3.4 oz (~96 g)  | ~2.6 oz (~74 g) |

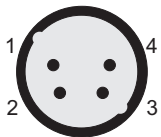
Cord Length: 6 ft. ± 4 in. (1.8m ± 10cm.) (measured from tip to the earshell)

Color: Black and Stainless Steel

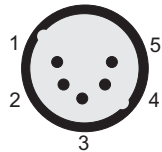
Connector Pinouts



XLR-4F



XLR-4M



XLR-5M

|       | Description    | Color           |
|-------|----------------|-----------------|
| Pin 1 | Mic Low        | Blue/Mic Shield |
| Pin 2 | Mic High       | White           |
| Pin 3 | Headphone Low  | Black/Shield    |
| Pin 4 | Headphone High | Yellow          |
| Case  |                | N/C             |

|       | Description    | Color           |
|-------|----------------|-----------------|
| Pin 1 | Mic Low        | Blue/Mic Shield |
| Pin 2 | Mic High       | White           |
| Pin 3 | Headphone Low  | Black/Shield    |
| Pin 4 | Headphone High | Yellow          |
| Case  |                | NC              |

|       | Description      | Color           |
|-------|------------------|-----------------|
| Pin 1 | Mic Low          | Blue/Mic Shield |
| Pin 2 | Mic High         | White           |
| Pin 3 | Headphone Low    | Black/Shield    |
| Pin 4 | Headphone High   | Yellow          |
| Pin 5 | Headphone 2 High | Red             |
| Case  | Inner Shield     | N/C             |

| The pigtail version comes without a connector. It is the customer's responsibility to install the proper connector |              |
|--|--------------|
| Description  | Color        |
| Microphone +   | White        |
| Microphone -   | Blue         |
| Microphone Shield  | Inner Shield |
| Speaker +  | Yellow       |
| Speaker -  | Black        |
| Speaker Shield   | Outer Shield |



3.5mm plug

|        | Description                    | Color  |
|--------|--------------------------------|--------|
| Tip    | Boom Side Headphone Signal     | Red    |
| Ring 1 | Non-Boom Side Headphone Signal | Black  |
| Ring 2 | Headphone and Mic Return       | Shield |
| Sleeve | Mic Signal                     | White  |



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