

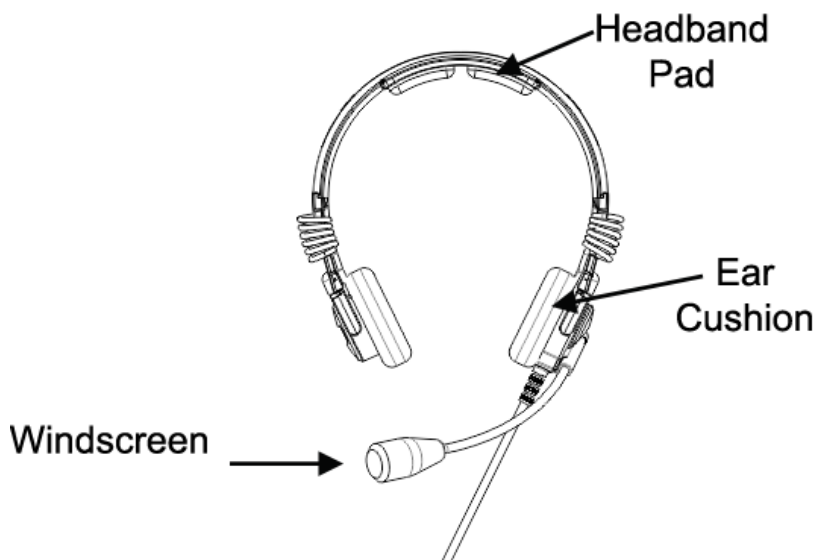
### LH-302

#### General Description

The LH-302 headset is a dual-sided lightweight headset for the ultimate in daylong 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 better fit, isolation and frequency response.

#### Features

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



LH-302 Reference View

#### Order Information

##### Models

- LH-302-DM-A4F • Double Side, Dynamic Mic, A4F
- LH-302-DM-A4M • Double Side, Dynamic Mic, A4M
- LH-302-DM-A5F • Double Side, Dynamic Mic A5F
- LH-302-DM-A5M • Double Side, Dynamic Mic, A5M
- LH-302-EM-i3.5 • Double Side, Electret Mic, 3.5mm
- LH-302-DM-PT • Double Side, Dynamic Mic, PT
- LH-302L-6.3 • Double Side Headphone, No Mic, 6.3

##### 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)

# Specifications

The specification information is subject to change without notification.

## Headphones

### Type:

Dynamic

### Impedance:

150  $\Omega$   $\pm$ 20% @1kHz -

- LH-302-DM-A4F
- LH-302-DM-A4M

300  $\Omega$   $\pm$  20% @1kHz -

- LH-302-DM-A5F
- LH-302-DM-A5M
- LH-302-DM-PT
- LH-302-EM-i3.5

### Frequency Response:

200Hz – 10 kHz (-10 dB re. 1 kHz)

### Sensitivity:

98  $\pm$  4 dB SPL @ 1kHz & 1 mW with B&K 4153 (150  $\Omega$ )  
100  $\pm$  4 dB SPL @ 1kHz & 1 mW with B&K 4153 (300  $\Omega$ )

## Microphone

### Element Type:

Noise-Canceling Dynamic -

- LH-302-DM-A4F
- LH-302-DM-A4M
- LH-302-DM-A5M
- LH-302-DM-PT

Noise-Canceling Electret

- LH-300-EM-i3.5

### Impedance:

Dynamic: 200  $\Omega$   
Electret; approx. 2.2 k $\Omega$

### Frequency Response:

Dynamic

200 Hz – 6500 Hz

Electret

200 Hz – 10 kHz

### Sensitivity:

Dynamic

-63  $\pm$  3.5dB re: 1 V/Pa @ 1 kHz

Electret

-41  $\pm$  3.5dB re: 1 V/Pa @ 1 kHz

### Operating Voltage:

Electret Microphone

2V through 2.2K resistor

### Connector Type:

LH-302-DM-A4F	4-pin female XLR
LH-302-DM-A4M	4-pin male XLR
LH-302-DM-A5F	5-pin female XLR
LH-302-DM-A5M	5-pin male XLR
LH-302-DM-PT	no connector
LH-302L-6.3	2 conductor 6.3mm
LH-302-EM-i3.5	4 conductor 3.5mm

### Physical

#### Weight:

	headset weight with cord	wearing weight (without cord)
LH-302-DM-A4F	~6 oz (~170 g)	~3.4 oz (~96 g)
LH-302-DM-A4M	~6 oz (~170 g)	~3.4 oz (~96 g)
LH-302-DM-A5F	~6 oz (~170 g)	~3.4 oz (~96 g)
LH-302-DM-A5M	~6 oz (~170 g)	~3.4 oz (~96 g)
LH-302-DM-PT	~4.7 oz (~133 g)	~3.4 oz (~96 g)
LH-302-EM-i3.5	~4.2 oz (~119 g)	~3.4 oz (~96 g)
LH-302L-6.3	~3.8 oz (~108 g)	~2.9 oz (~82 g)

#### Cord Length:

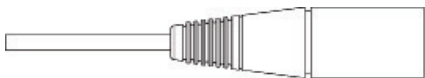
6 ft.  $\pm$  4 in. (1.8m  $\pm$  10.0 cm.) (measured from tip to the earshell)

#### Color:

Black and Stainless Steel

## Available Connector Types

### LH-302-DM-A4M – 4-pin Male XLR



### LH-302-DM-A4F – 4-pin Female XLR



### LH-302-DM-A5M – 5-pin Male XLR

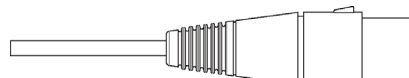


### LH-302L-6.3

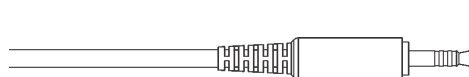
2 Conductor 6.3



### LH-302-DM-A5F – 5-pin female XLR



### LH-302-EM-i3.5 – 4 Conductor 3.5mm



### LH-302-DM-PT –

The pigtail version comes with no connector. It is the customer's responsibility to install the proper connector

### Pigtail Wiring Color Codes

Microphone +: White

Microphone -: Blue

Microphone Shield: Inner Shield

Boom Side Speaker +: Yellow

Non-Boom Side Speaker +: Red

Speaker -: Black

Speaker Shield: Outer Shield

### Example Headband

