

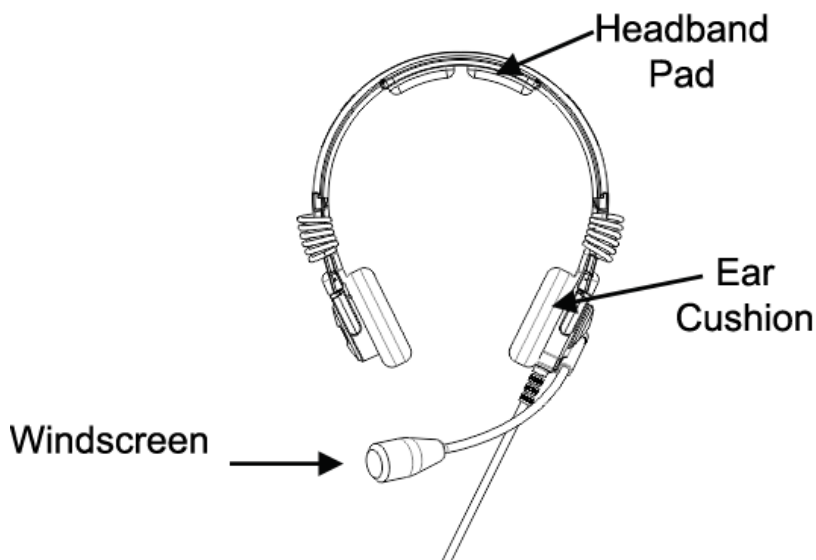
### LH-302

## 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 Ω ±20% @1kHz -
  - LH-302-DM-A4F
  - LH-302-DM-A4M
  - LH-302L-6.3
- 300 Ω ± 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 ± 4 dB SPL @ 1kHz & 1 mW with B&K 4153 (150 Ω)  
 100 ± 4 dB SPL @ 1kHz & 1 mW with B&K 4153 (300 Ω)

## Microphone

### Element Type:

- Noise-Canceling Dynamic -
  - LH-302-DM-A4F
  - LH-302-DM-A4M
  - LH-302-DM-A5M
- 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 ± 3.5dB re: 1 V/Pa @ 1 kHz  
 Electret : -41 ± 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. ± 4 in. (1.8m ± 10 cm.) (measured from tip to the earshell)

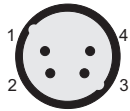
### Color:

Black and Stainless Steel

# Available Connector Types



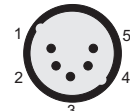
XLR-4F



XLR-4M



XLR-5F



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		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		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



6.3mm plug

	Description	Color
Tip	Headphone Signal	White
Sleeve	Headphone GND	Black/Shield

