Technical Data Sheet

Innovating the Future of Global Communications

LH-302

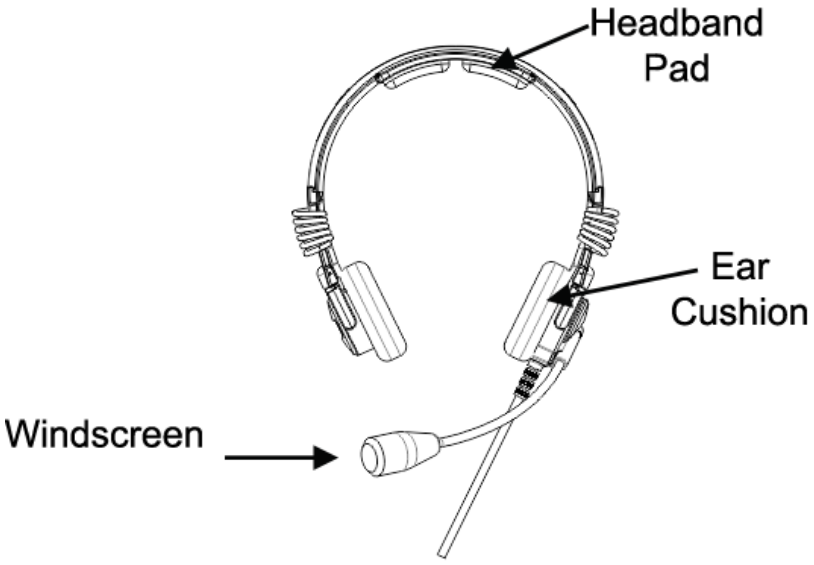
General Description

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

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

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 dBSPL @ 1kHz & 1 mW with B&K 4153 (150 Ω)
100 ± 4 dBSPL @ 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
- LH-302-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 ± 3.5dB 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:

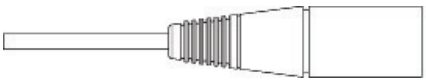
6 ft. ± 4 in. (1.8m ± 10.0 cm.) (measured from tip to the earshell)

Color:

Black and Stainless Steel

Available Connector Types

LH-302-DM-A4M – 4-pin Male XLR



LH-302-DM-A4F – 4-pin Female XLR



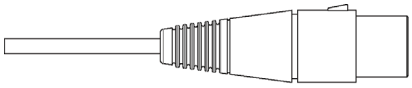
LH-302-DM-A5M – 5-pin Male XLR



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

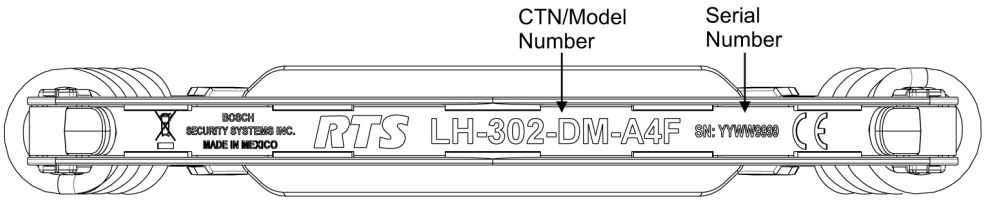


LH-302-DM-PT –
The pigtail version comes with no connector. It is the customer's responsibility to install the proper connector

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



Bosch Security Systems, Inc. | 12000 Portland Avenue South | Burnsville, Minnesota 55337
Website: www.rtsintercoms.com
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