Technical Data Sheet

Innovating the Future of Global Communications

LH-300

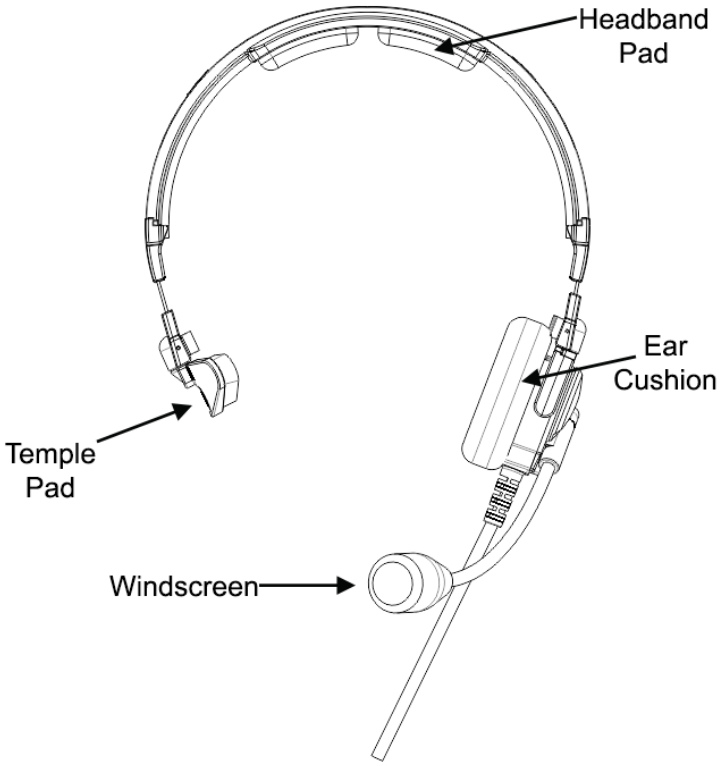
General Description

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, 3.5
- 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.telex.com

Specifications

The specification information is subject to change without notification.

Headphone

Type:

Dynamic

Impedance:

150 Ω ±20% @1kHz -

- LH-300-DM-A4F
- LH-300-DM-A4M

300 Ω ± 20% @1kHz -

- LH-300-DM-A5F
- 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:

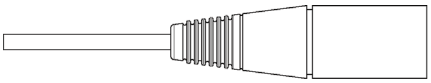
6 ft. ± 4 in. (1.8m ± 10.0 cm.) (measured from tip to the earshell)

Color:

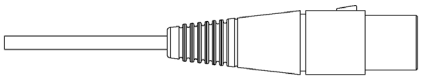
Black and Stainless Steel

Available Connector Types

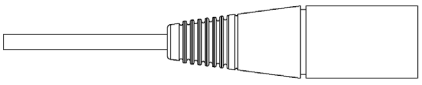
LH-300-DM-A4M – 4-pin Male XLR



LH-300-DM-A4F – 4-pin Female XLR



LH-300-DM-A5M – 5-pin Male XLR



LH-300-EM-i3.5 – 4 Conductor 3.5mm

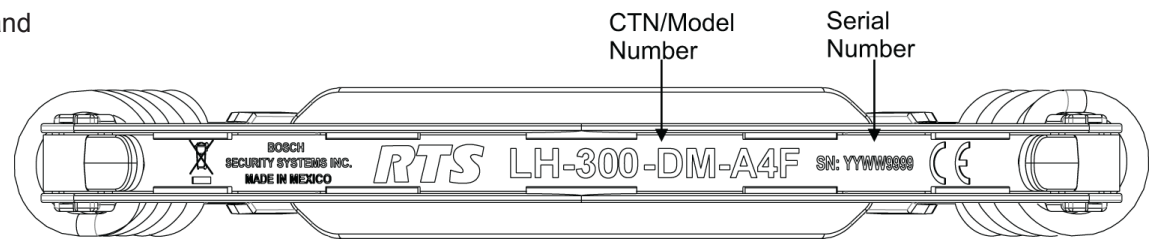


LH-300-DM-PT –
The pigtail version comes without a connector. It is the customers responsibility to install the proper connector.

Pigtail Wiring Color Codes
Microphone +: White
Microphone - : Blue
Microphone Shield : Inner Shield

Speaker + : Yellow
Speaker - : Black
Speaker Shield : Outer Shield

Example Headband



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Website: www.rtsintercoms.com
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