

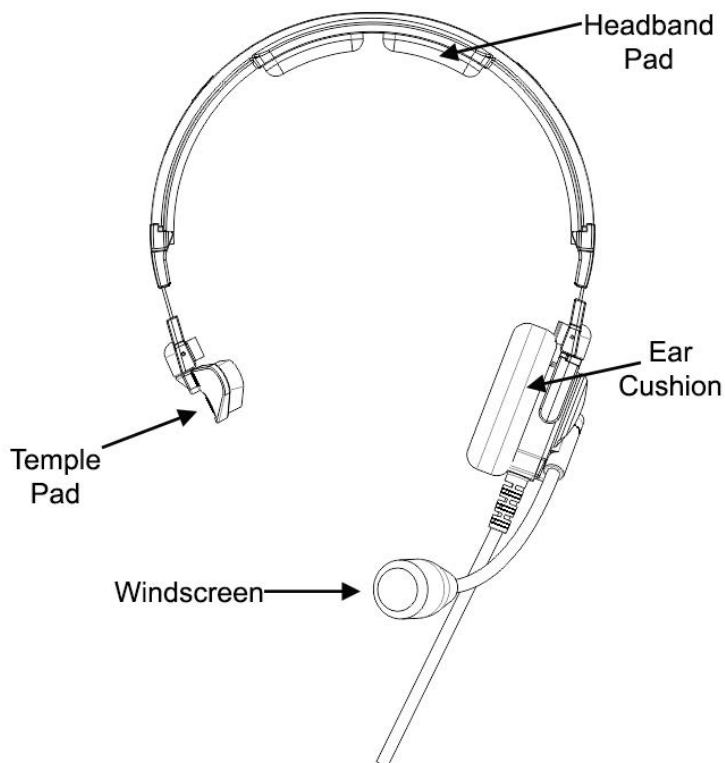
LH-300

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 \pm 20% @ 1kHz -

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

300 Ω \pm 20% @ 1kHz -

- LH-300-DM-A5F
- LH-300-DM-A5M
- LH-300-DM-PT
- LH-300-EM-i3.5

Sensitivity:

99 \pm 4 dB SPL @ 1 kHz & 1 mW with B&K 4153 (150 Ω)
100 \pm 4 dB SPL @ 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 K Ω

Frequency Response:

Dynamic

200 Hz – 6500 Hz

Electret

200 Hz – 10 kHz

Sensitivity:

Dynamic

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

Electret

-41 \pm 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:

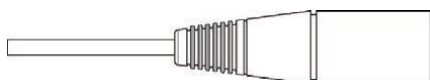
6 ft. \pm 4 in. (1.8m \pm 10.0 cm.) (measured from tip to the earshell)

Color:

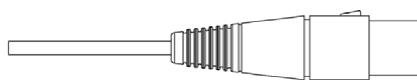
Black and Stainless Steel

Available Connector Types

LH-300-DM-A4M – 4-pin Male XLR



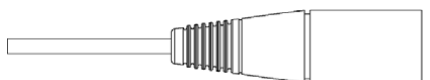
LH-300-DM-A4F – 4-pin Female XLR



LH-300-DM-PT –

The pigtail version comes without a connector. It is the customers responsibility to install the proper connector.

LH-300-DM-A5M – 5-pin Male XLR



LH-300-EM-i3.5 – 4 Conductor 3.5mm



Pigtail Wiring Color Codes

Microphone +: White

Microphone -: Blue

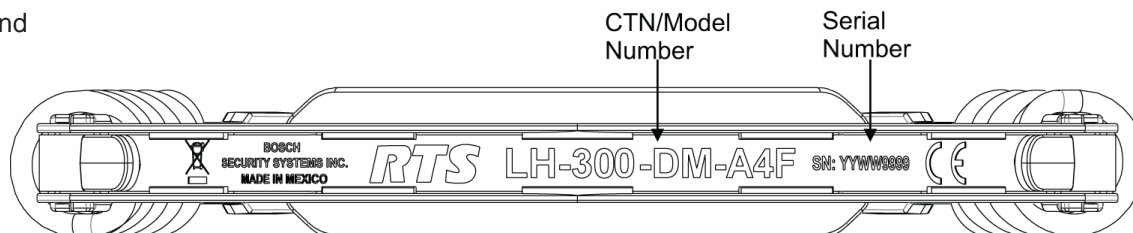
Microphone Shield: Inner Shield

Speaker +: Yellow

Speaker -: Black

Speaker Shield: Outer Shield

Example Headband



LH-300 Series		
SKU3600923	LH-300-DM-A4F	CUFFIA INTERCOM CON MICRO/MONOAURALE XLR4F/1.8MT
SKU3600924	LH-300-DM-A4M	CUFFIA INTERCOM CON MICRO/MONOAURALE XLR4M/1.8MT
SKU3600925	LH-300-DM-A5M	CUFFIA INTERCOM CON MICRO/MONOAURALE XLR5M/1.8MT
SKU3600926	LH-300-DM-i3.5	CUFFIA INTERCOM CON MICRO/MONOAURALE 3.5JACK
SKU3600928	LH-300-DM-PT	CUFFIA INTERCOM CON MICRO/MONOAURALE PT





RTS presents next generation of lightweight headsets dedicated to critical communication applications

September 2018

- ▶ Successor of PH 44/88 series headsets with single sided (LH-300) and dual-sided (LH-302) models
- ▶ Meets all intercom needs requiring highly reliable connectivity
- ▶ Unsurpassed wearing comfort with high quality audio and increased durability

Amsterdam, September 2018 – RTS intercoms is expanding its portfolio:

The new LH-Series headsets by RTS are the ideal choice for all day-to-day critical communications applications that require field-proven technology and long term wearing comfort. They are the next generation of the successful PH-Series headsets, from RTS extremely lightweight and offer users a highly reliable and flexible communication tool.

Optimized for RTS intercoms

The LH-Series headset models are optimized for seamless operation with all existing RTS intercoms such as the latest ROAMEO wireless intercom system as well as all KP-Series and other RTS keypanels. Different connector type options (XLR, 4-/5-pin, male/female and 3.5 mm audio plug) ensure the greatest flexibility allowing the headsets to be utilized in virtually any kind of application. The new headsets excel in providing superior audio quality and intelligibility.

Improved comfort features and increased durability

The new headsets offer a range of improvements for enhanced usability and durability. A new microphone boom design provides stronger rotation stops and the headband-to-glider joint has been made more robust. The rotator pins of the headsets have also been upgraded with heavy-duty stainless steel improving the feel of the ear cup's rotation. Furthermore, a pre-coiled overhead cord has been added to reduce the strain on the cord and prevent it from catching on other objects or touching the skin. An added yoke provides enhanced comfort by allowing ear cup movement in all directions. This reduces pressure points by distributing and balancing pressure over the entire ear. A soft headband pad further improves wearing comfort. Both new models come with replaceable leatherette ear cushions including speaker protection cloth for added hygiene and durability. An acoustic limiter protects users against sudden increases in sound levels.

The new LH-Series headsets are available worldwide now.

For further information, please visit www.rtsintercoms.com

Press image: LH-300_pressimage.jpg

Press image: LH-302_pressimage.jpg

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RTS is an industry leader in the design and manufacture of intercom solutions. From the Advanced Digital Audio Matrix systems used to coordinate major network broadcasts of the world's largest events to small-format systems used for in-house productions, RTS is dedicated to innovating the future of global communications.

To learn more, visit www.rtsintercoms.com