

# UL4 UNIPLEX CARDIOID SUBMINIATURE LAVALIER MICROPHONE

## SPECIFICATIONS

(SUBJECT TO CHANGE)

<b>Microphone Capsule</b>	MEMS
<b>Polar Pattern</b>	Cardioid
<b>Frequency Response</b>	40 Hz to 20 kHz
<b>Sensitivity</b>	-42.5 dBV/Pa (Pa=94 dB SPL)
<b>Self-Noise</b>	32 dB SPL-A <i>A-weighted, Equivalent Acoustical</i>
<b>Signal-to-Noise Ratio</b>	62 dB-A
<b>Maximum SPL</b>	130.0 dB SPL <i>1 kHz @ 1% THD, typical</i>
<b>Dynamic Range</b>	98 dB <i>Typical</i>
<b>Microphone Current Draw</b>	530 $\mu$ A, maximum
<b>Bias Voltage Recommended Operating Voltage</b>	3.5-5 VDC (5.5VDC MAX)
<b>Housing</b>	Molded ABS
<b>Polarity</b>	MTQG: Positive Pressure on diaphragm produces positive voltage on Pin 3 with respect to Pin 1 LEMO: Positive pressure on diaphragm produces positive voltage on Pin 3 with respect to Pin 1
<b>Cable Diameter</b>	1.6 mm
<b>Cable Length</b>	66.0 in (1.67 m)
<b>Net Weight</b>	12.5 g (0.44 oz)
<b>Capsule Dimensions (L x D)</b>	17 mm x 5 mm

## AVAILABLE MODELS

<b>UL4B/C-LM3-A</b>	UniPlex Cardioid Lavalier Mic, LEMO Connector (Black)
<b>UL4B/C-MTQG-A</b>	UniPlex Cardioid Lavalier Mic, MTQG Connector (Black)
<b>UL4C/C-LM3-A</b>	UniPlex Cardioid Lavalier Mic, LEMO Connector (Cocoa)
<b>UL4C/C-MTQG-A</b>	UniPlex Cardioid Lavalier Mic, MTQG Connector (Cocoa)
<b>UL4T/C-LM3-A</b>	UniPlex Cardioid Lavalier Mic, LEMO Connector (Tan)
<b>UL4T/C-MTQG-A</b>	UniPlex Cardioid Lavalier Mic, MTQG Connector (Tan)
<b>UL4W/C-LM3-A</b>	UniPlex Cardioid Lavalier Mic, LEMO Connector (White)
<b>UL4W/C-MTQG-A</b>	UniPlex Cardioid Lavalier Mic, MTQG Connector (White)
<b>UL4B/C-XLR-A</b>	UniPlex Cardioid Lavalier Mic, XLR Connector w/RPM400 (Black)

## OVERVIEW

The Shure UniPlex UL4 is a professional MEMS lavalier microphone that is ideal for speech and performance applications in broadcast, corporate, and conference environments. The subminiature design and custom cardioid element provide robust audio performance. Each microphone is supplied with a storage pouch, single tie clip, and snap fit windscreens.

The advanced 1.6 mm Shure Plex cable, first introduced with the award-winning TwinPlex subminiature microphone, lasts longer than competing cables due to a dual redundant ground which doubles as a secondary shield. It also offers virtually zero "memory effect," won't kink, and is fully paintable.

## FEATURES

- 5 mm cardioid subminiature design for discrete placement and improved gain-before-feedback
- Professional sound quality for speech and presentation applications
- Advanced 1.6 mm Shure Plex cable:
  - Dual redundant ground in cable serves as secondary shield for unprecedented longevity
  - Immune to memory effect and kinks
  - Fully paintable with typical theater paints, pens, and polishes
- Available in four colors: Black, Cocoa, Tan, White
- Available in three connector types: TA4F (mTQG), LEMO\*, and XLR
- Kit includes the following accessories: Case, Snap-fit Windscreen, Single Tie Clip

\*NOTE: Shure UniPlex UL4 lavalier microphone with LEMO termination is compatible only with Shure LEMO bodypack transmitters and preamplifiers.



**UL4B**  
UniPlex Directional Subminiature  
Lavalier Microphone (Black)

# UL4 UNIPLEX CARDIOID SUBMINIATURE LAVALIER MICROPHONE

## FURNISHED ACCESSORIES

- Single Tie Clip
- Snap-Fit Windscreen
- Case
- Threaded TA4F Adapter  
(MTQG SKUs Only)

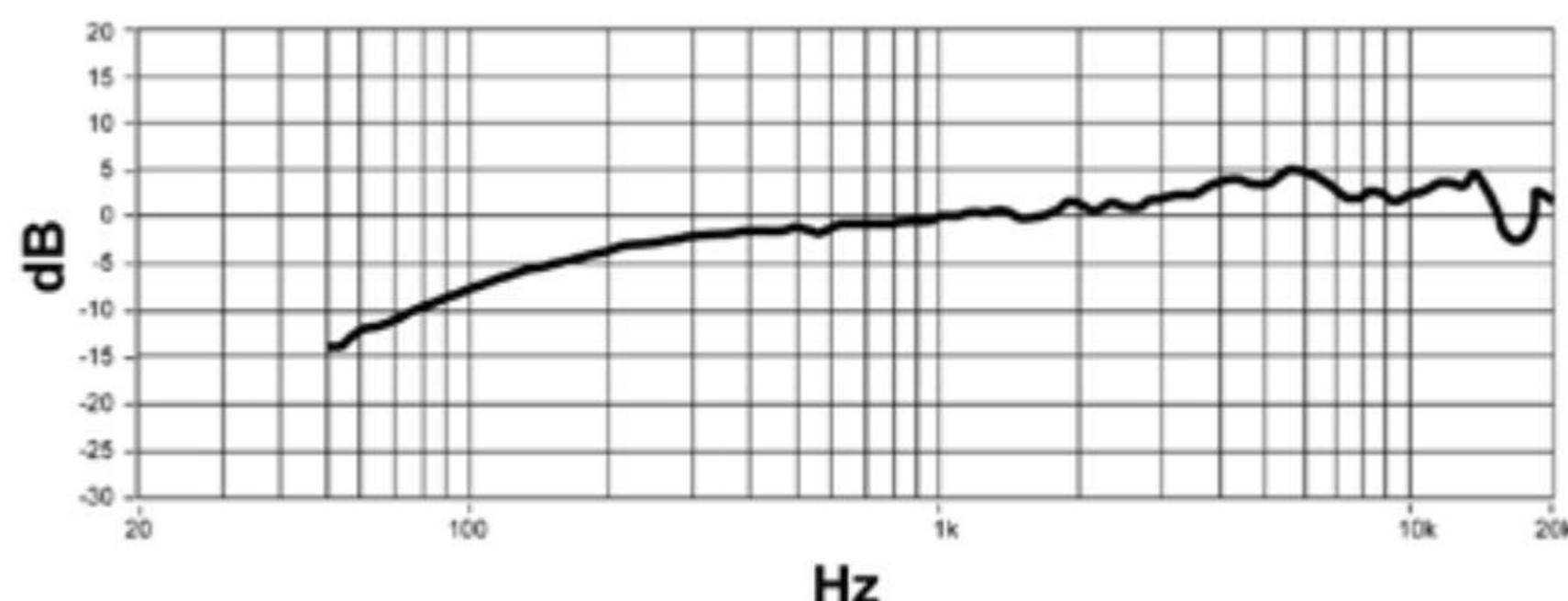


**Included Accessories**  
RPM400 Optional (shown in black)

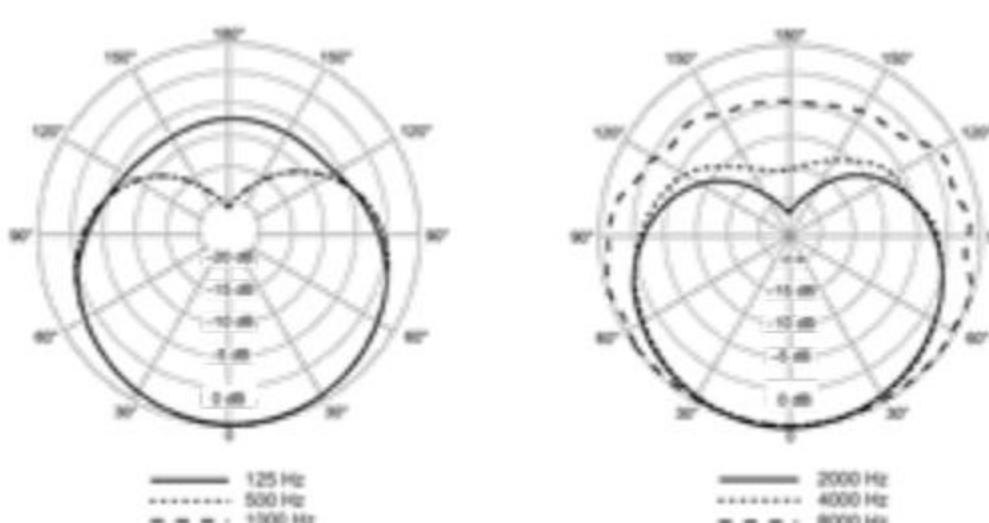
## REPLACEMENT ACCESSORIES

95A49658	UL4 SNAP-FIT Windscreen, Black, Qty. 3	RPDL4DTC/B	Dual Tie Clip, Black, Qty. 3
95B49658	UL4 SNAP-FIT Windscreen, Cocoa, Qty. 3	RPMDL4DTC/C	Dual Tie Clip, Cocoa, Qty. 3
95C49658	UL4 SNAP-FIT Windscreen, Tan, Qty. 3	RPMDL4DTC/T	Dual Tie Clip, Tan, Qty. 3
95D49658	UL4 SNAP-FIT Windscreen, White, Qty. 3	RPMDL4DTC/W	Dual Tie Clip, White, Qty. 3
RPMDL4STC/B	Single Tie Clip, Black, Qty. 3	RPM400TQG	TA4F-XLR Preamp
RPMDL4STC/C	Single Tie Clip, Cocoa, Qty. 3	RPM400LEMO	LEMO3-XLR Preamp
RPMDL4STC/T	Single Tie Clip, Tan, Qty. 3	95A44074	Zippered Carrying Pouch
RPMDL4STC/W	Single Tie Clip, White, Qty. 3		

## FREQUENCY RESPONSE



## POLAR PATTERN



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