

ULM-21
Miniature Cardioid Lavalier
Microphone



Key Features:

- **Smooth, Natural Sound Reproduction**
- **Compact, Miniature, Low Profile Design**
- **Professional Quality and Reliability**
- **Durable Black Copper Case Construction**



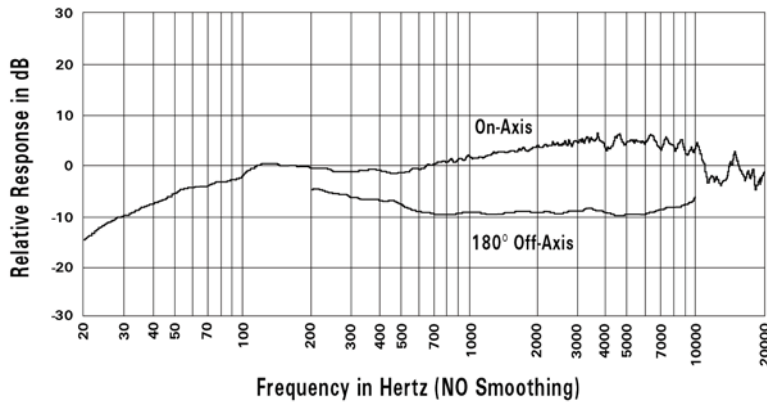
General Description:

The Electro-Voice® model ULM-21 is a miniature cardioid, electret condenser lavalier microphone. It is designed for unobtrusive miking of speech and instruments, making it an excellent choice for use in many broadcast, stage performance, and presentation purposes. Its small size makes the ULM-21 ideal for theatre, interviews, public address systems, and houses of worship, utilizing its cardioid polar pattern for high gain before feedback. The ULM-21 condenser element provides clear and natural sound reproduction, minimizing wind noise and popping with use of the supplied windscreen.

Technical Specifications:

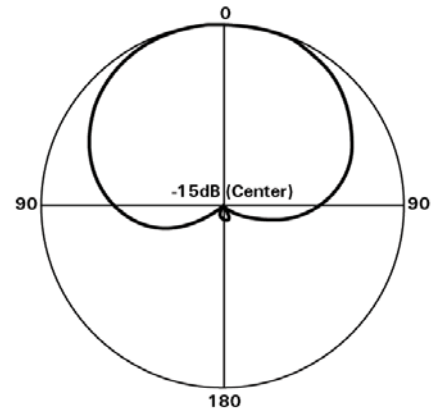
Generating Element:	Back Electret Condenser
Polar Pattern:	Cardioid
Open Circuit Sensitivity:	-52 dB (re: 1V/Pa) @ 1 kHz
Impedance:	1000 ohms ± 20% @ 1 kHz
Self Noise:	29 dBA
Frequency Response:	80 Hz ~ 16 kHz
Signal to Noise:	65 dB @ 1 Pa
Standard Operating Voltage:	1.5V
Maximum Input SPL:	120 dB @ 1% THD
Dynamic Range:	91 dB
Cable Length:	40" (1016mm)
Cable Type:	Single Conductor/Shielded
Connector:	TA4F
Capsule Dimensions:	23.6mm x 10.5 mm/.93 in. x .41 in.
Weight:	5 g/.18 oz. (without cable)
Accessories:	Metal Windscreen (Included) RWS-013 Tie Clip (Included)

Frequency Response:

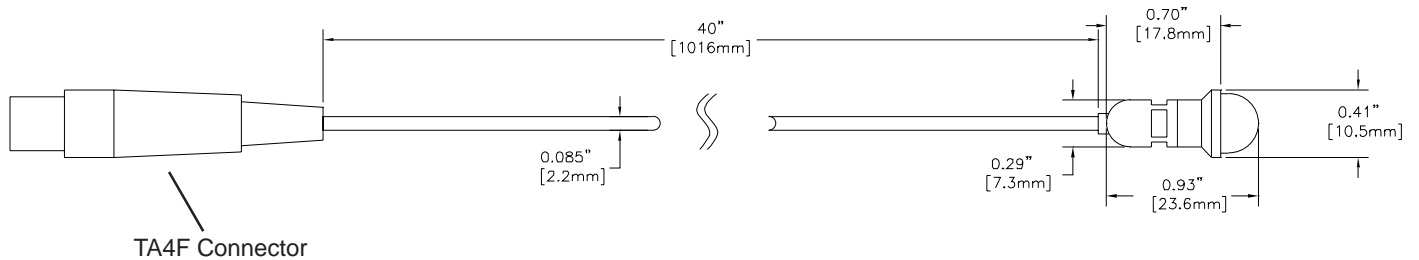


Polar Response: (5 dB per division)

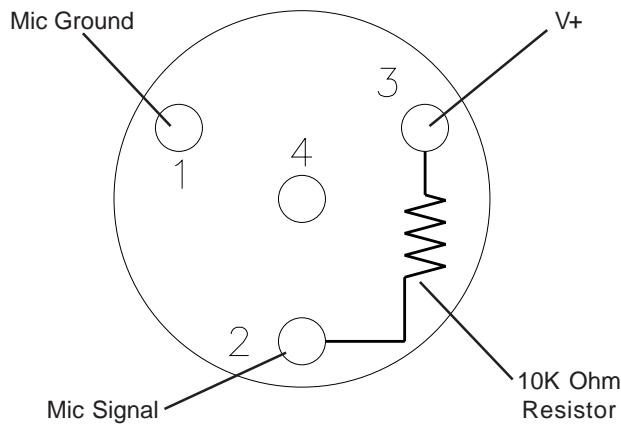
— 1000 Hz



Dimension Drawing:



TA4F Wiring:



ULM-21 Part Number: ULM21



12000 Portland Avenue South, Burnsville, MN 55337

Phone: 952/884-4051, Fax: 952/884-0043

www.electrovoice.com

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Part Number 38110-198 Rev. D

U.S.A. and Canada only. For customer orders, contact Customer Service at:

800/392-3497 Fax: 800/955-6831

Europe, Africa, and Middle East only. For customer orders, contact Customer Service at:

+ 49 9421-706 0 Fax: + 49 9421-706 265

Other International locations. For customer orders, contact Customer Service at:

+ 1 952 884-4051 Fax: + 1 952 736-4212

For warranty repair or service information, contact the Service Repair department at:

800/553-5992 or 402/467-5321

For technical assistance, contact Technical Support at: **800/392-3497 or 952/736-4656**

Specifications subject to change without notice.