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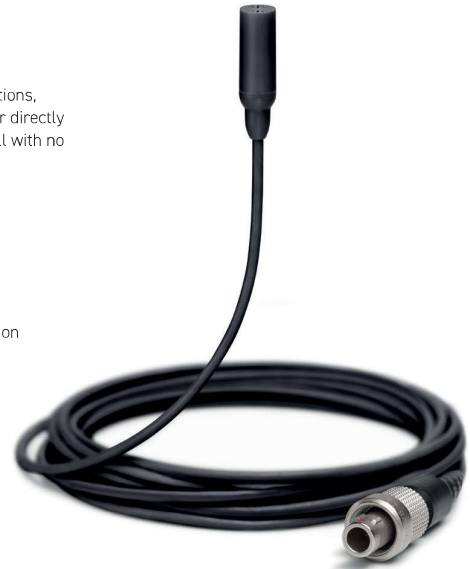
TWINPLEX™ TL48 SUBMINIATURE LAVALIER MICROPHONES

OVERVIEW

The TwinPlex™ TL48 offers a tailored response with a mid-range rise that's ideal for speech and dialogue applications, such as film and TV. Designed with leading audio professionals' input, the TL48 is easily concealed in a costume or directly against the skin under wardrobe, and offers extensive accessories to ensure quick, easy, and secure mounting—all with no impact on sound quality.

FEATURES

- With a fixed frequency cap and mid-band boost that accentuates dialogue, the TL48 is ideal for film and TV applications
- Improved off-axis consistency, due to the patent pending dual-diaphragm design, yields accurate reproduction regardless of vocal source position or movement
- Best-in-class low self-noise and dynamic range for cleaner audio production
- Fixed frequency cap with internal hydrophobic woven lining resists sweat and moisture
- Paintable 1,6 mm cable that is immune to memory effect and kinks
- Dual redundant ground in cable serves as secondary shield for longevity
- Sound signature: Tailored for dialogue (6dB mid-band boost at about 7kHz)
- Sensitivity: Low
- Colors: Black, Tan, White
- Connectors: LEMO, MTQG/TA4F, MicroDot, XLR/Preamp, NC (bare wire)
- Accessories: Available with accessories



TwinPlex™ TL48
Subminiature Lavalier
Microphone (Black)

SPECIFICATIONS

Microphone Capsule	Dual-Diaphragm, Prepolarized Condenser
Polar Pattern	Omnidirectional
Frequency Response	20 Hz to 20 kHz
Sensitivity	-45,0 dBV (5,62 mV) at 1kHz
Self-Noise, A-Weighted, Equivalent Acoustical	24,5 dB SPL-A
Signal-To-Noise Ratio	69,5 dB
Output Clipping Level	3,0 dBV, 1 kHz at 1% THD, typical
Maximum SPL	142,0 dB SPL 1 kHz at 1% THD, typical
Dynamic Range	117,5 dB typical
Microphone Current Draw	120 to 240 µA, typical
Bias Voltage	5 VDC
Recommended Operating Voltage	5 VDC
Housing	Molded ABS
Polarity	LEMO, NC, MDOT: Positive pressure at diaphragm leads to negative voltage with respect to ground MTQG, XLR connector: Positive pressure at diaphragm leads to positive voltage with respect to ground
Cable Diameter	1,6 mm
Cable Length	MTQG, LEMO, MDOT: 66 in. (1,67 m) NC, XLR connector: 96 in. (2,43 m)
Microphone Length	19 mm
Microphone Diameter	5,6 mm
Net Weight with Cable	12,0 g (0,42 oz.)

AVAILABLE MODELS

TL48B/O-LEMO-A	TwinPlex™ Subminiature Omnidirectional Lavalier, Low Sensitivity, Tailored Response, 1,6 mm Cable with LEMO Connector, Black with Accessories
TL48B/O-MDOT-A	TwinPlex™ Subminiature Omnidirectional Lavalier, Low Sensitivity, Tailored Response, 1,6 mm Cable with MicroDot Connector, Black with Accessories
TL48B/O-MTQG-A	TwinPlex™ Subminiature Omnidirectional Lavalier, Low Sensitivity, Tailored Response, 1,6 mm Cable with MTQG Connector, Black with Accessories
TL48B/O-NC-A	TwinPlex™ Subminiature Omnidirectional Lavalier, Low Sensitivity, Tailored Response, 1,6 mm Cable with bare wire terminal, Black with Accessories
TL48B/O-XLR-A	TwinPlex™ Subminiature Omnidirectional Lavalier, Low Sensitivity, Tailored Response, 1,6 mm Cable with XLR Preamp, Black with Accessories
TL48T/O-LEMO-A	TwinPlex™ Subminiature Omnidirectional Lavalier, Low Sensitivity, Tailored Response, 1,6 mm Cable with LEMO Connector, Tan with Accessories
TL48T/O-MDOT-A	TwinPlex™ Subminiature Omnidirectional Lavalier, Low Sensitivity, Tailored Response, 1,6 mm Cable with MicroDot Connector, Tan with Accessories
TL48T/O-MTQG-A	TwinPlex™ Subminiature Omnidirectional Lavalier, Low Sensitivity, Tailored Response, 1,6 mm Cable with LEMO Connector, Tan with Accessories
TL48T/O-NC-A	TwinPlex™ Subminiature Omnidirectional Lavalier, Low Sensitivity, Tailored Response, 1,6 mm Cable with bare wire terminal, Tan with Accessories
TL48W/O-LEMO-A	TwinPlex™ Subminiature Omnidirectional Lavalier, Low Sensitivity, Tailored Response, 1,6 mm Cable with LEMO Connector, White with Accessories
TL48W/O-MDOT-A	TwinPlex™ Subminiature Omnidirectional Lavalier, Low Sensitivity, Tailored Response, 1,6 mm Cable with MicroDot Connector, White with Accessories
TL48W/O-MTQG-A	TwinPlex™ Subminiature Omnidirectional Lavalier, Low Sensitivity, Tailored Response, 1,6 mm Cable with MTQG Connector, White with Accessories
TL48W/O-NC-A	TwinPlex™ Subminiature Omnidirectional Lavalier, Low Sensitivity, Tailored Response, 1,6 mm Cable with bare wire terminal, White with Accessories

SHURE

TWINPLEX™ TL 48 SUBMINIATURE LAVALIER MICROPHONES

FURNISHED ACCESSORIES

- Single Tie Clip, Qty. 1

- Dual Tie Clip, Qty. 1

- Standoff for Tie Clip, Qty. 5

- Vampire Mount, Qty. 1

- Sticky Vampire Mount, Qty. 1

- Foam Windscreen, Qty. 2

- Clear Sticky Mount, Qty. 1

- Sticky Mount Adhesives, Qty. 10

- Storage Case for TL Lavalier, Qty. 1

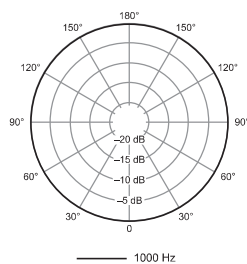


Included Accessories Shown

OPTIONAL ACCESSORIES

REPLACEMENT CONNECTORS		CLIPS AND MOUNTS		PREAMPS	
WA430	Replacement Neutrik mTQG connector kit, TA4F	RPM40STC/B	Single Tie Clip, Black, Qty. 3	RPM400TQG	Wired TQG to XLR Preamp with Beltclip
WA435	Replacement Neutrik mTQG connector kit, TA5F	RPM40STC/C	Single Tie Clip, Cocoa, Qty. 3	RPM400LEMO	Wired LEMO3 to XLR Preamp with Beltclip
WA445	Neutrik threaded collar shell for WA430/WA435	RPM40STC/T	Single Tie Clip, Tan, Qty. 3	MICRODOT ADAPTERS	
WA416	Replacement LEMO3, 1.6 mm connector	RPM40STC/W	Single Tie Clip, White, Qty. 3	MD40LEMO	MicroDot-to-LEMO3 Adapter
WINDSCREENS		RPM40TC/B	Dual Tie Clip, Black, Qty. 3	MD40TA4F	MicroDot-to-TA4F Adapter
RPM40WS/B	Windscreens, Black, Qty. 5	RPM40TC/C	Dual Tie Clip, Cocoa, Qty. 3	MD40TA5F	MicroDot-to-TA5F Adapter
RPM40WS/T	Windscreens, Tan, Qty. 5	RPM40TC/T	Dual Tie Clip, Tan, Qty. 3	OTHER	
RPM40WS/C	Windscreens, Cocoa, Qty. 5	RPM40TC/W	Dual Tie Clip, White, Qty. 3	RPM40PREMNT	Preamp Mounting Kit
RPM40WS/W	Windscreens, White, Qty. 5	RPM40TC/M	Single Tie Clip Mix Pack (1 of each color)	RPM40PRECLIP	Beltclip for RPM400 Preamp
RPM40WS/M	Windscreens (2 of each color), Qty. 8	RPM40VM/B	Black Vampire Clip, Qty. 3	RPM40KIT	Full Accessory Kit for TL Lavaliers
RPM40MWJ	Rycote MiniWindjammer, Gray, Qty. 2	RPM40VM/W	White Vampire Clip, Qty. 3	RPM40CASE	Storage Case for TL Lavalier
		RPM40SM	Clear Sticky Mount Qty. 3		
		RPM40MM/B	Black Magnet Mount, Qty. 2		
		RPM40MM/W	White Magnet Mount, Qty. 2		
		RPM40SVM/B	Vampire Sticky Mount, Qty. 3		
		RPM40TS	Adhesives for Sticky Mount, Qty. 15		
		RPM40TS/50	Adhesives for Sticky Mount, Qty. 50		
		RPM40SO/B	Black Standoff for TL accessories, Qty. 10		
		RPM40SO/C	Cocoa Standoff for TL accessories, Qty. 10		
		RPM40SO/T	Tan Standoff for TL accessories, Qty. 10		
		RPM40SO/W	White Standoff for TL accessories, Qty. 10		

POLAR PATTERN



FREQUENCY RESPONSE

