

DL4 DURAPLEX OMNIDIRECTIONAL WATERPROOF LAVALIER MICROPHONE

SPECIFICATIONS

(SUBJECT TO CHANGE)

| | |
|--|--|
| Microphone Capsule | MEMS |
| Polar Pattern | Omnidirectional |
| Frequency Response | 20 Hz to 20 kHz |
| Sensitivity | -42.5 dBV (7.5 mV _{RMS}) @ 1 kHz |
| Self-Noise | 31 dB SPL-A <i>A-weighted, Equivalent Acoustical</i> |
| Signal-to-Noise Ratio | 63 dB |
| Maximum SPL | 132.0 dB SPL <i>1 kHz @ 1% THD, typical</i> |
| Dynamic Range | 101.0 dB <i>Typical</i> |
| Microphone Current Draw | 220 µA, maximum |
| Bias Voltage <i>Recommended Operating Voltage</i> | 5 VDC |
| Housing | Molded ABS |
| Polarity | 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 |
| Cable Diameter | 1.6 mm |
| Cable Length | 66.0 in (1.67 m) |
| Net Weight | 15.0 g (0.53 oz) |
| Capsule Dimensions <i>(L × D)</i> | 14.5 mm × 5.2 mm |

AVAILABLE MODELS

| | |
|---------------|---|
| DL4B/O-LM3-A | DuraPlex Omnidirectional Lavalier Mic, LEMO Connector (Black) |
| DL4B/O-MTQG-A | DuraPlex Omnidirectional Lavalier Mic, MTQG Connector (Black) |
| DL4C/O-LM3-A | DuraPlex Omnidirectional Lavalier Mic, LEMO Connector (Cocoa) |
| DL4C/O-MTQG-A | DuraPlex Omnidirectional Lavalier Mic, MTQG Connector (Cocoa) |
| DL4T/O-LM3-A | DuraPlex Omnidirectional Lavalier Mic, LEMO Connector (Tan) |
| DL4T/O-MTQG-A | DuraPlex Omnidirectional Lavalier Mic, MTQG Connector (Tan) |
| DL4W/O-LM3-A | DuraPlex Omnidirectional Lavalier Mic, LEMO Connector (White) |
| DL4W/O-MTQG-A | DuraPlex Omnidirectional Lavalier Mic, MTQG Connector (White) |

OVERVIEW

Available in lavalier or headset form, DuraPlex has been extensively tested to ensure an IP57 dust-resistant, waterproof rating. Whether shooting reality TV, mounting a professional theatrical tour, or wherever audio takes you, contending with the elements won't slow you down. As comfortable on the beach as it is in a broadcast studio, DuraPlex features a neutral, full sound quality that lives up to the highest audio standards.

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 omnidirectional subminiature design for discrete placement and improved gain-before-feedback
- IP57 dust-resistant, waterproof rated
- Neutral, full sound quality for film, broadcast, speech, theater, and performance 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
- Presence Cap included for tailored frequency response provides additional vocal clarity and presence (3-4 dB boost near 10 kHz)
- Available in four colors: Black, Cocoa, Tan, White
- Available in two connector types: TA4F (mTQG) and LEMO
- Kit includes the following accessories: Case, Foam Windscreen, Snap-fit Windscreen, Single Tie Clip, Sticky Mount, TQG Locking Collar (mTQG/TA4F SKUs only)



DL4B
DuraPlex Omnidirectional Waterproof
Lavalier Microphone (Black)

DL4 DURAPLEX OMNIDIRECTIONAL WATERPROOF LAVALIER MICROPHONE

FURNISHED ACCESSORIES

| |
|---|
| Single Tie Clip |
| Presence Cap |
| Snap-Fit Windscreen |
| Foam Windscreen |
| Sticky Mount |
| Case |
| Threaded TA4F Adapter (MTQG SKUs Only) |

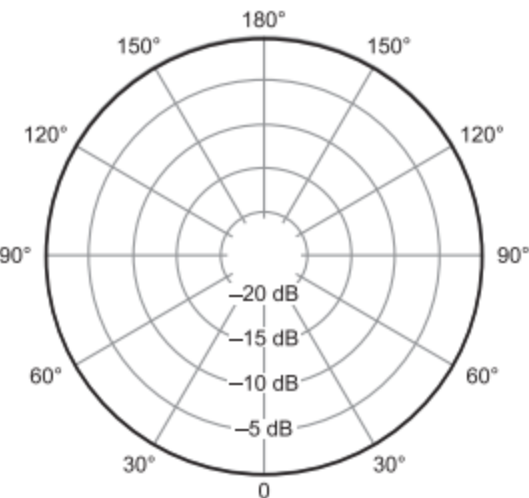


Lavalier Accessory Kit
For MTQG SKUs (shown in black)

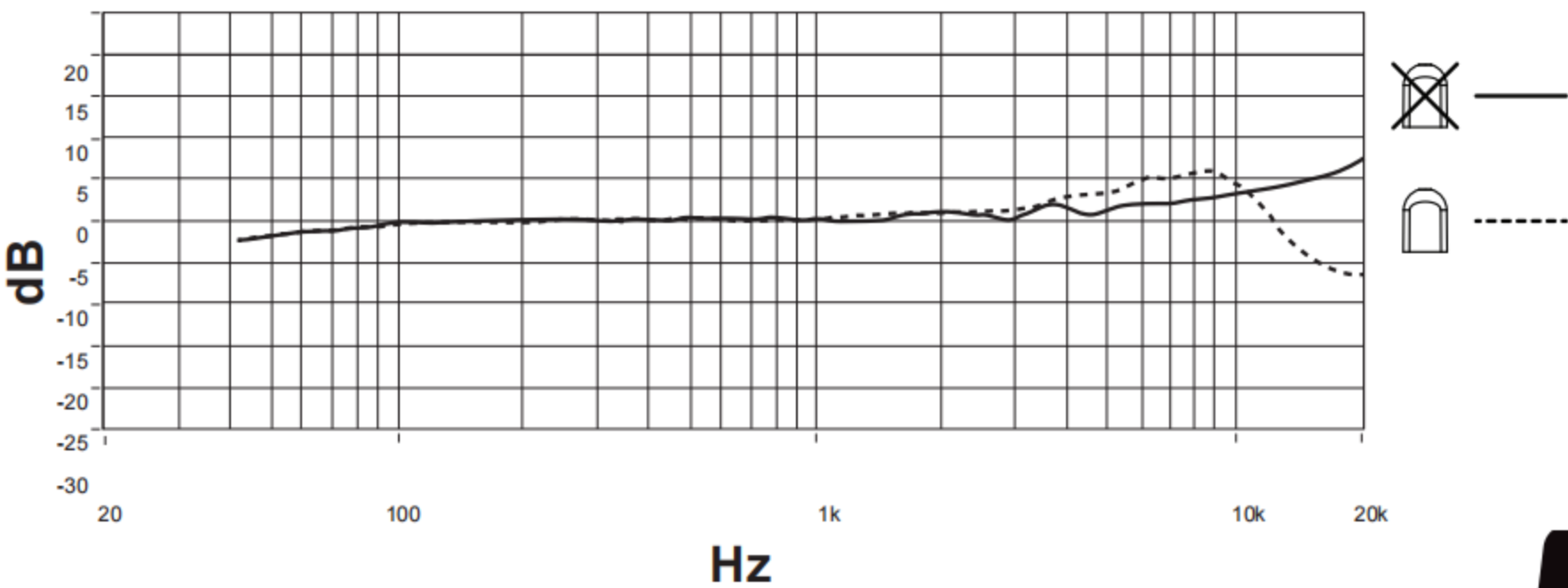
REPLACEMENT ACCESSORIES

| | | | | | |
|---------------------|-------------------------------------|--------------------|--------------------------------|-------------------|------------------------------------|
| RPMDL4WS/B | Foam Windscreens, Black, Qty. 5 | RPMDL4STC/T | Single Tie Clip, Tan, Qty. 3 | RPMDL4SM | Sticky Mount, Qty. 3 |
| RPMDL4WS/C | Foam Windscreens, Cocoa, Qty. 5 | RPMDL4STC/W | Single Tie Clip, White, Qty. 3 | RPM40TS | Sticky Mount Adhesives (15 Pieces) |
| RPMDL4WS/T | Foam Windscreens, Tan, Qty. 5 | RPMDL4DTC/B | Dual Tie Clip, Black, Qty. 3 | RPM40TS/50 | Sticky Mount Adhesives (50 Pieces) |
| RPMDL4WS/W | Foam Windscreens, White, Qty. 5 | RPMDL4DTC/C | Dual Tie Clip, Cocoa, Qty. 3 | RPM400TQG | TA4F-XLR Preamp |
| RPMDL4SFWS/B | Snap-Fit Windscreens, Black, Qty. 3 | RPMDL4DTC/T | Dual Tie Clip, Tan, Qty. 3 | RPM400LEMO | LEM03-XLR Preamp |
| RPMDL4SFWS/C | Snap-Fit Windscreens, Cocoa, Qty. 3 | RPMDL4DTC/W | Dual Tie Clip, White, Qty. 3 | RPMDL4CASE | Zippered lavalier carrying pouch |
| RPMDL4SFWS/T | Snap-Fit Windscreens, Tan, Qty. 3 | RPMDL4FC/B | Frequency Cap, Black, Qty. 5 | | |
| RPMDL4SFWS/W | Snap-Fit Windscreens, White, Qty. 3 | RPMDL4FC/C | Frequency Cap, Cocoa, Qty. 5 | | |
| RPMDL4STC/B | Single Tie Clip, Black, Qty. 3 | RPMDL4FC/T | Frequency Cap, Tan, Qty. 5 | | |
| RPMDL4STC/C | Single Tie Clip, Cocoa, Qty. 3 | RPMDL4FC/W | Frequency Cap, White, Qty. 5 | | |

POLAR PATTERN



FREQUENCY RESPONSE



DH5 DURAPLEX OMNIDIRECTIONAL HEADSET MICROPHONE

SPECIFICATIONS

(SUBJECT TO CHANGE)

| | |
|--|--|
| Microphone Capsule | MEMS |
| Polar Pattern | Omnidirectional |
| Frequency Response | 20 Hz to 20 kHz |
| Sensitivity | -42.5 dBV (7.5 mV _{RMS}) @ 1 kHz |
| Self-Noise | 31 dB SPL-A <i>A-weighted, Equivalent Acoustical</i> |
| Signal-to-Noise Ratio | 63.0 dB |
| Maximum SPL | 132.0 dB SPL <i>1 kHz @ 1% THD, typical</i> |
| Dynamic Range | 101.0 dB <i>Typical</i> |
| Microphone Current Draw | 220 µA, maximum |
| Bias Voltage <i>Recommended Operating Voltage</i> | 5 VDC |
| Housing | Molded ABS |
| Polarity | 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 |
| Cable Diameter | 1.6 mm |
| Cable Length | 66.0 in (1.67 m) |
| Net Weight | 20 g (0.7 oz) |
| Capsule Dimensions <i>(L × D)</i> | 14.5 mm × 5.2 mm |
| Boom Length | 13.6 cm |

AVAILABLE MODELS

| | |
|-------------|---|
| DH5B/O-LM3 | DuraPlex Omnidirectional Headset Microphone, LEMO Connector (Black) |
| DH5B/O-MTQG | DuraPlex Omnidirectional Headset Microphone, MTQG Connector (Black) |
| DH5C/O-LM3 | DuraPlex Omnidirectional Headset Microphone, LEMO Connector (Cocoa) |
| DH5C/O-MTQG | DuraPlex Omnidirectional Headset Microphone, MTQG Connector (Cocoa) |
| DH5T/O-LM3 | DuraPlex Omnidirectional Headset Microphone, LEMO Connector (Tan) |
| DH5T/O-MTQG | DuraPlex Omnidirectional Headset Microphone, MTQG Connector (Tan) |

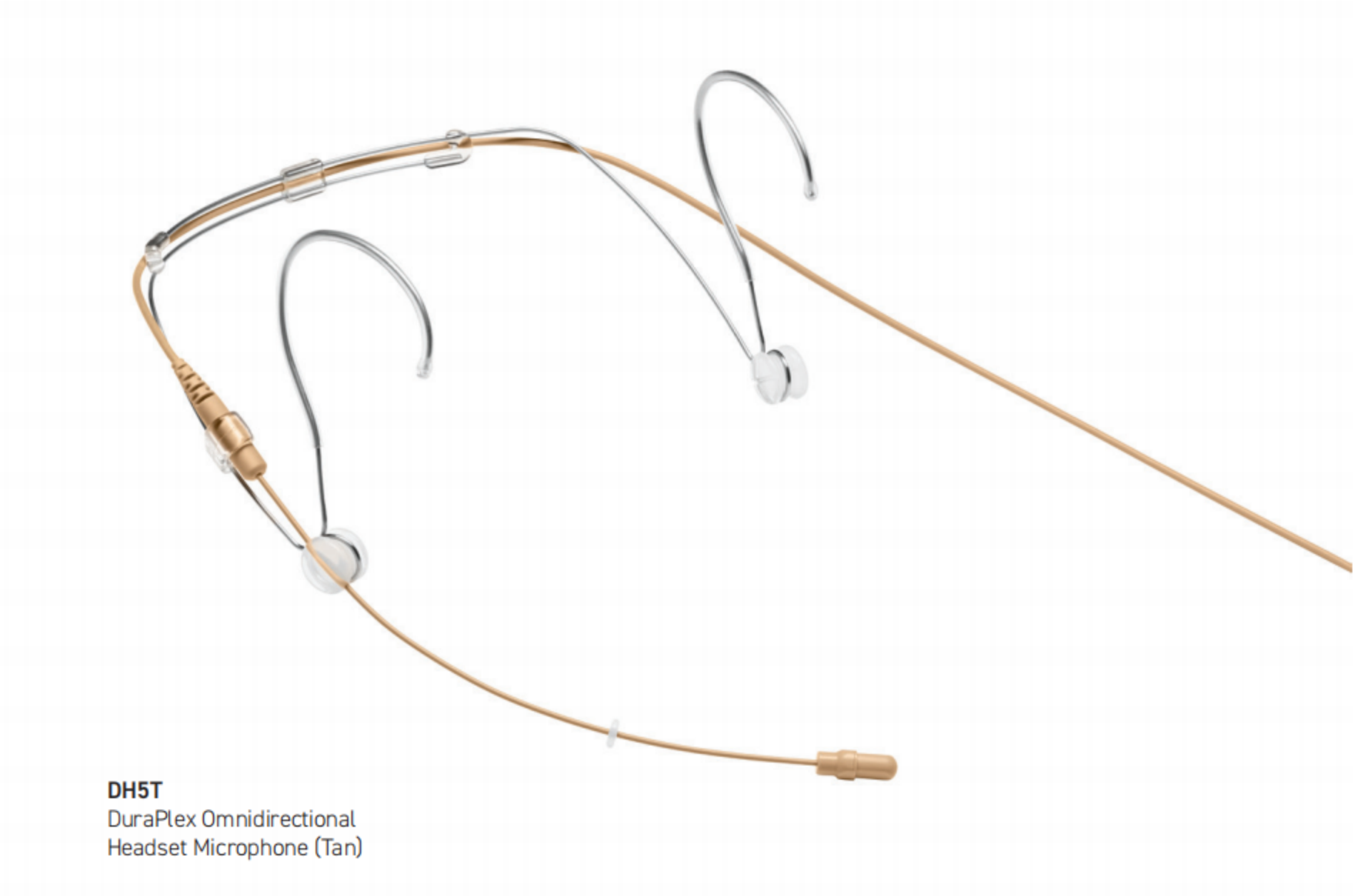
OVERVIEW

With an easy-to-wear headset frame, DuraPlex DH5 features a neutral, full sound quality that lives up to the highest audio standards on any stage or broadcast studio. Also available as a lavalier, DuraPlex has been extensively tested to ensure an IP57 dust-resistant, waterproof rating*. The exclusive 1.6 mm Shure Plex cable with DuraPlex won't kink, offers virtually zero "memory effect," is fully paintable, and simply lasts longer due to a dual redundant ground, which doubles as a secondary shield.

In the theater, onstage, or on television, you can depend on the DuraPlex DH5 headset microphone for consistent professional sound, durability, and longevity.

FEATURES

- 5 mm omnidirectional subminiature design on a silicone boom pivot system that can be placed on the left or right ear
- IP57 dust-resistant, waterproof rated
- Neutral, full sound quality for film, broadcast, speech, theater, and performance 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
- Presence Cap included for tailored frequency response provides additional vocal clarity and presence (3-4 dB boost near 10 kHz)
- Available in three colors: Black, Cocoa, Tan
- Available in two connector types: TA4F (mTQG) and LEMO
- Kit includes the following accessories: Case, Foam Windscreen, Snap-fit Windscreen, Single Tie Clip, TQG Locking Collar (mTQG/TA4F SKUs only)



DH5 DURAPLEX OMNIDIRECTIONAL HEADSET MICROPHONE

FURNISHED ACCESSORIES

| |
|--|
| Presence Cap |
| Foam Windscreen |
| Snap-Fit Windscreen |
| Single Tie Clip |
| Case |
| Threaded TA4F Adapter <i>(MTQG SKUs Only)</i> |

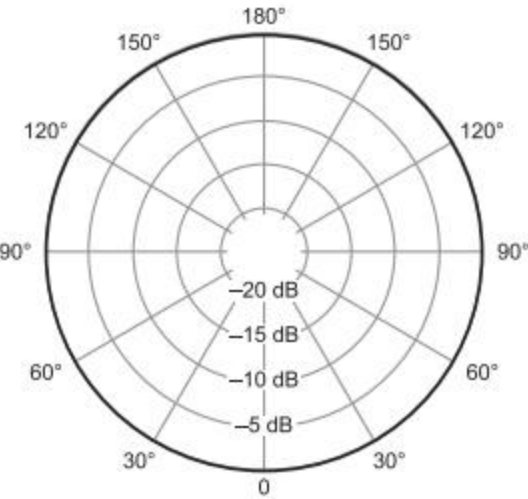


Headset Accessory Kit
For MTQG SKUs (shown in tan)

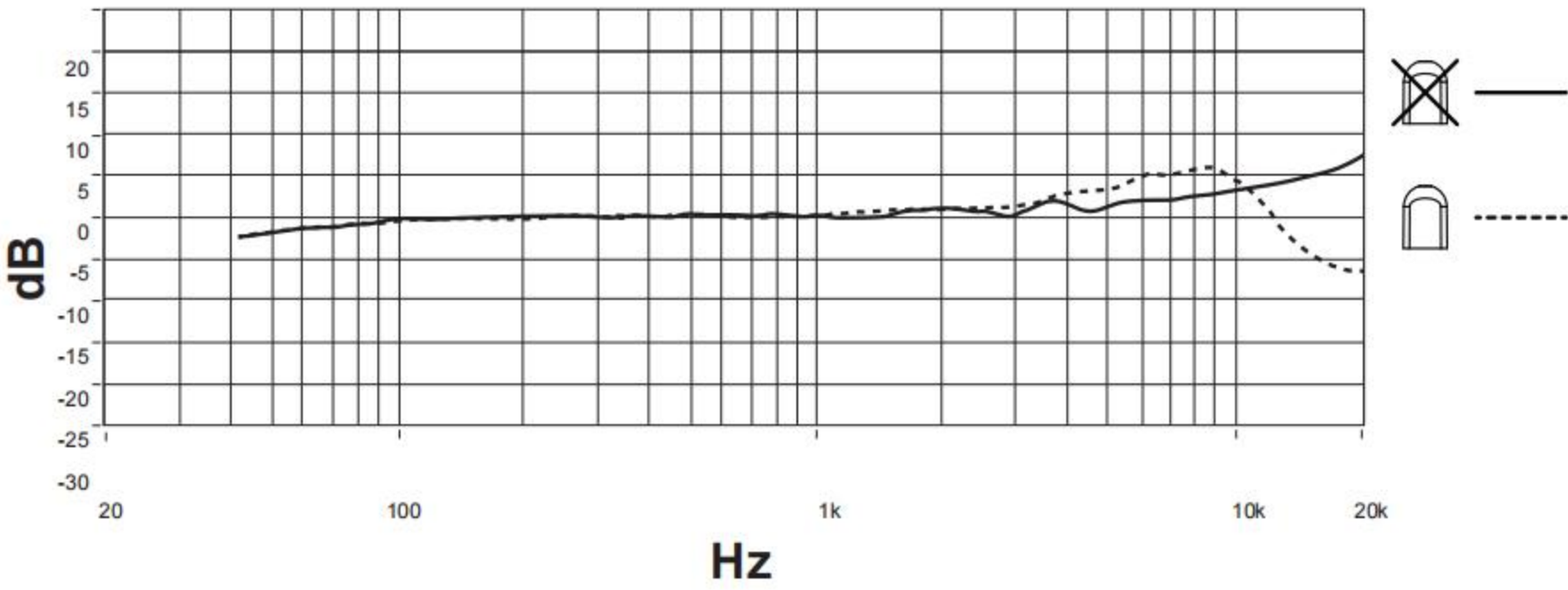
REPLACEMENT ACCESSORIES

| | | | | | |
|---------------------|-------------------------------------|--------------------|--------------------------------|-----------------------|-------------------------------|
| RPMDL4WS/B | Foam Windscreens, Black, Qty. 5 | RPMDL4DTC/B | Dual Tie Clip, Black, Qty. 3 | RPMDH5BM | Headset boom mount, Qty. 4 |
| RPMDL4WS/C | Foam Windscreens, Cocoa, Qty. 5 | RPMDL4DTC/C | Dual Tie Clip, Cocoa, Qty. 3 | RPMDH5B/O-MTQG | Microphone boom, Black, MTQG |
| RPMDL4WS/T | Foam Windscreens, Tan, Qty. 5 | RPMDL4DTC/T | Dual Tie Clip, Tan, Qty. 3 | RPMDH5B/O-LM3 | Microphone boom, Black, LEMO3 |
| RPMDL4SFWS/B | Snap-Fit Windscreens, Black, Qty. 3 | RPMDL4FC/B | Frequency Cap, Black, Qty. 5 | RPMDH5C/O-MTQG | Microphone boom, Cocoa, MTQG |
| RPMDL4SFWS/C | Snap-Fit Windscreens, Cocoa, Qty. 3 | RPMDL4FC/C | Frequency Cap, Cocoa, Qty. 5 | RPMDH5C/O-LM3 | Microphone boom, Cocoa, LEMO3 |
| RPMDL4SFWS/T | Snap-Fit Windscreens, Tan, Qty. 3 | RPMDL4FC/T | Frequency Cap, Tan, Qty. 5 | RPMDH5T/O-MTQG | Microphone boom, Tan, MTQG |
| RPMDL4STC/B | Single Tie Clip, Black, Qty. 3 | RPMDH5CASE | Zippered headset carrying case | RPMDH5T/O-LM3 | Microphone boom, Tan, LEMO3 |
| RPMDL4STC/C | Single Tie Clip, Black, Cocoa. 3 | RPMDHSF | Headset frame, Qty. 1 | RPM400TQG | TA4F-XLR Preamp |
| RPMDL4STC/T | Single Tie Clip, Black, Tan. 3 | RPMDH5PIVOT | Headset boom pivot, Qty. 5 | RPM400LEMO | LEMO3-XLR Preamp |

POLAR PATTERN



FREQUENCY RESPONSE



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