

LT-HS-ME10-R67

Tactical Noise Cancelling Headset

The LT-HS-ME10-R67 Tactical Noise Cancelling Headset is designed to deliver superior audio clarity and reliable communication in high-noise tactical environments. Engineered for military, law enforcement, and security personnel, this headset features active noise-cancelling technology, durable construction, and an ergonomic design to ensure comfort and performance during extended operations.

Key Features

- Active noise cancelling for clear communication
- Rugged and durable design
- Comfortable, ergonomic fit
- Flexible boom microphone
- Compatible with PTT systems



Specifications

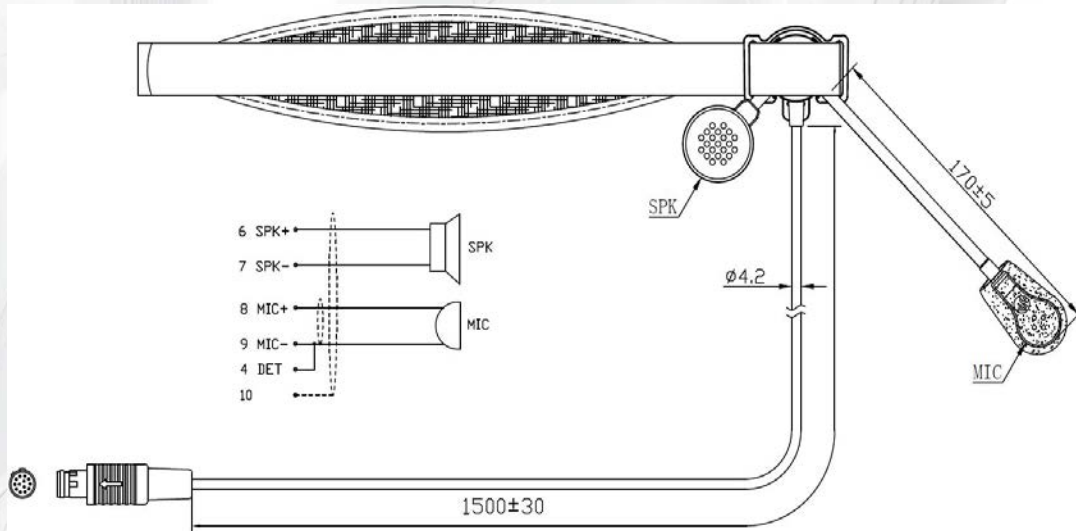
Speaker Specifications	
Type	Dynamic, closed-back
Impedance	300Ω±15% @ 1kHz
Sensitivity	105±3dB/mW @ 1kHz
Frequency Response	300Hz - 4kHz
Rated Input Power	20mW
Maximum Input Power	100mW
Microphone Specifications	
Type	Electret condenser microphone
Sensitivity Range	-65dB±3db (1kHz)
Impedance	150Ω (1kHz)
Frequency Response	300Hz - 4kHz
Current Consumption Max	0.5mA
Operating Voltage Range	1.0V - 10V (DC)
Environmental Conditions	
Operating Temperature	-30° to +55° C
Storage Temperature	-40° to +70° C
Relative Humidity	≤90%
Atmospheric Pressure	86kPa - 106kPa
Design Features	
Headband	Adjustable, padded headband for a secure, comfortable fit
Earpiece	Cushioned with soft, breathable fabric for prolonged sessions
Microphone Boom	Flexible boom arm for optimal positioning
Cable	Durable, reinforced cabling to withstand rigorous use
Connectivity	Universal compatibility with standard communication systems



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Technical Schematic of Lamatel LT-HS-ME10-R67 Professional Headset



This diagram presents the precise design specifications of the Lamatel LT-HS-ME10-R67 headset. Key components are labeled for clarity, showcasing the headset's speaker (SPK) and microphone (MIC) positioning, along with detailed measurements for each part. The adjustable boom arm allows for microphone placement at an optimal distance from the user's mouth, ensuring high-quality audio capture. Cable length is standardized at 1500±30 mm to provide ample reach while maintaining a tidy workspace. Every aspect of this schematic reflects the Lamatel commitment to ergonomic design and advanced acoustic performance.

Lamatel LT-HS-ME10-R67 Wearing Instructions

- **Headset Placement:** Position the headset on the left side of the head. Ensure the speaker aligns with your ear and the microphone extends towards the direction of your mouth.
- **Securing the Headset:** Fasten the headband snugly around the head to stabilize the headset. The headband is designed to provide a secure fit while maintaining comfort during extended use.
- **Microphone Adjustment:** Gently bend the flexible boom arm to bring the microphone to just beside your lips. This is crucial for clear voice capture without the interference of background noise.
- **Speaker Attachment:** Adjust the speaker so that it covers your ear properly. The cushioned earpiece should create a comfortable seal for better sound isolation and auditory clarity.
- **Special Notes:**

The LT-HS-ME10-R67 is built to withstand daily use. You may moderately adjust the headband and boom arm to your preferred fit without risking damage to the headset. This headset is rated with a waterproof grade of IP67, offering protection against water immersion for a short duration, making it suitable for use in various environments.

