



SAMSON[®]



LM10

OMNIDIRECTIONAL
LAVALIER
MICROPHONE

USER GUIDE

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Introduction

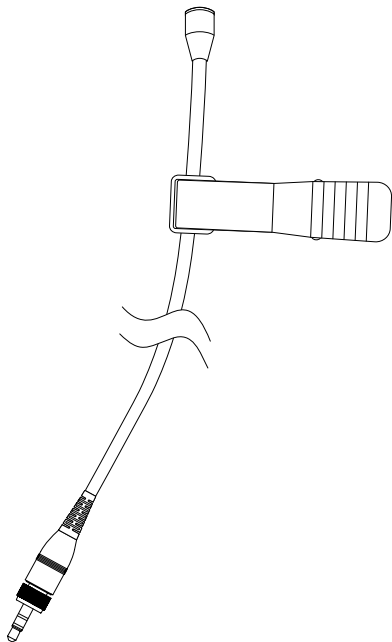
Thank you for purchasing the Samson LM10 lavalier microphone! The LM10 is a low profile, microminiature condenser microphone with a 3.5mm capsule producing outstanding audio quality making it perfect for presentations, broadcast, houses of worship and other vocal applications. Thanks to the omnidirectional pick up pattern, the microphone's off axis frequency response is linear, resulting in a clear and articulate reproduction regardless of the position of the capsule relative to the sound source.

The LM10 lavalier microphone is particularly well-suited for use with Samson wireless systems and with four included adapters, the microphone can be used with most any other manufacturer's wireless body pack systems. The kit also includes three windscreens and an attractive carry case to hold the LM10, all the accessories, plus a compartment to hold most any body pack. Manufactured with extreme care and the highest quality components, the LM10 delivers an exceptionally clear, articulate sound with reliable performance in an extremely low profile, nearly invisible design.

In these pages, you'll find a description of the features of the LM10 microphone as well as instructions for setup and use. You'll also find a warranty card enclosed. Please don't forget to fill it out and mail it in so that you can receive online technical support, and so that we can send you updated information about this and other Samson products in the future. Also, be sure to check out our website (www.samsontech.com) for complete information about our full product line.

With proper care and maintenance, your LM10 will operate trouble-free for many years. Should your microphone ever require servicing, a Return Authorization (RA) number must be obtained before shipping your unit to Samson. Without this number, the unit will not be accepted. Please call Samson at 1-800-3SAMSON (1-800-372-6766) for an RA number prior to shipping your unit. Please retain the original packing materials and, if possible, return the unit in its original carton. If your LM10 microphone was purchased outside of the United States, contact your local distributor for warranty details and service information.

LM10 Features



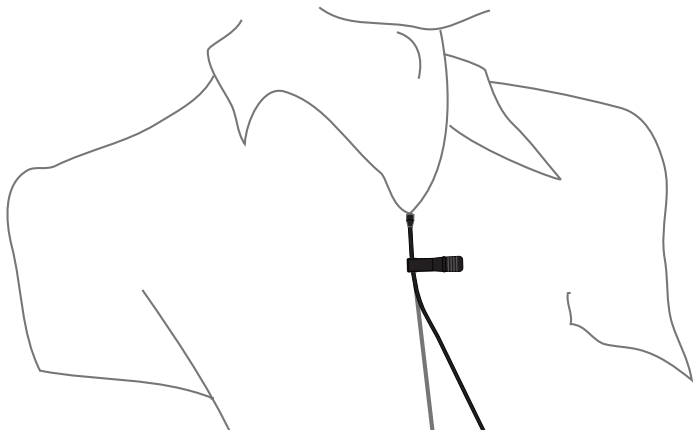
The LM10 Omnidirectional lavalier microphone provides excellent vocal reproduction in a nearly invisible, low profile design. Following below are the LM10 main features:

- Micro-miniature, inconspicuous condenser with a 3.5mm diameter capsule
- Omnidirectional pick up pattern provides a linear frequency response for natural sounding vocal reproduction
- Microphone requires phantom power for operation
- Four cable adapters are included for compatibility with most popular wireless body pack transmitters
- Also, includes three windscreens, lapel clip and carry case to fit microphone plus transmitter body pack

Using the LM10

Follow these simple steps to setup and use the LM10 microphone:

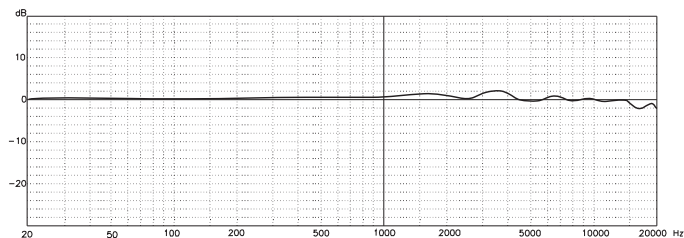
- Install the appropriate adapter for your wireless body pack. Be sure to tighten the locking ring to hold the adapter firmly in place.
- Attach the microphone to the performer's shirt or jacket, using the included clip, approximately 8" below their chin with a clear path to the mouth.
- Connect the microphone to the wireless body pack.
- With the performer talking into the microphone, listen to the quality of the audio, and adjust the positioning of the microphone until a balanced frequency response is reached.
- To further conceal the microphone, it can be placed behind clothing or in the performers hair, but this will affect the high frequency performance of the microphone.
- For outdoor use or to help reduce breath noise, install one of the included windscreens.



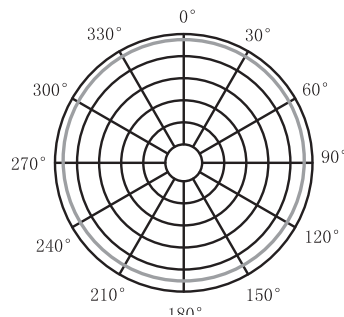
Specifications

Element: Back electret condenser
Polar pattern: Omni-directional
Frequency Response: 20Hz-20KHz
Sensitivity: $-45 \pm 3\text{dB}$ 1V/Pa at 1kHz
Output impedance: $2\text{K}\Omega \pm 30\%$
SPL max: 140dB
Operating voltage: 1.5-12V D.C
Cable: $\Phi 1.4\text{mm} \times 1.2\text{m}$
Weight: 13g
Dimension: $\Phi 3.5\text{mm}$
Output connector: 2.5mm
Included Adapters: Shure, AT, AKG, Sennhieser
Accessory: Windscreen, tie-clip

Specifications are subject to change without notice.



Frequency Response



Polar Pattern

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