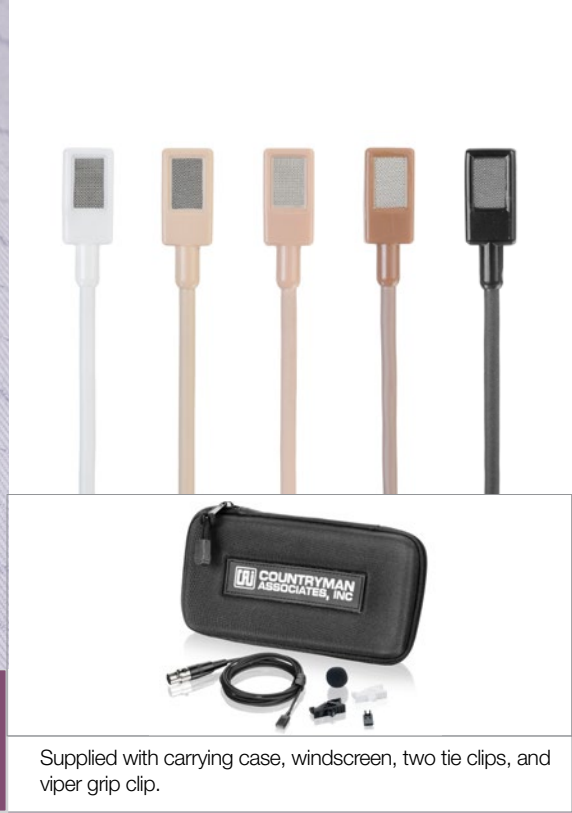




COUNTRYMAN ASSOCIATES INC

EMW OMNIDIRECTIONAL LAVALIER MICROPHONE



Supplied with carrying case, windscreen, two tie clips, and viper grip clip.

A world-favorite lavalier, the EMW delivers excellent sound with minimal clothing noise, in a sleek, yet rugged, nearly waterproof design. That's why the EMW Lavalier has long been regarded as one of the best, most affordable workhorse lavaliers on the market, which no audio kit should be without. From news anchors and talk show guests to watersports documentaries and feature films, Countryman EMW Lavaliers are ready for action.



Frequency Response :
20 Hz to 20 kHz

Sensitivity:
-40 dB re. 1 V/Pascal

Equivalent Acoustic Noise:
24 dBA SPL

Dimensions: .50" x .26" (12.7 mm x 6.6 mm)

Output Impedance
600 Ohms balanced for wired operation
1500 Ohms unbalanced for wireless

Overload Sound Level:
130 dB SPL @ 1% THD on 48 V Phantom
(dependent on transmitter for wireless)

Power Requirements :
Phantom: 6 to 50 Volts @ 4 mA
Wireless: 1.5 to 24 Volts 400 μ A

Applications

The best mic for hiding under clothing in film, theater, and TV production is also an excellent general purpose lavalier for churches, schools, interviews, and news. The EMW's immersability allows use near water or in intense weather.

Style

Designed with a small, sleek, classic lavalier shape, the EMW is available in five colors—Black, White, Light Beige, Tan, and Cocoa. The EMW is available with a wide assortment of clips, including tie, double, magnetic, and viper / vampire clips.

Performance

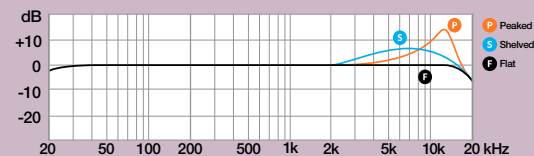
The EMW delivers outstanding sound quality, with very low rubbing noise and an extremely uniform omnidirectional pattern over a wide range of frequencies. Choose from three frequency responses: shelved for normal lavalier use, peaked for use behind clothing, or flat for miking instruments.

Rugged and Reliable

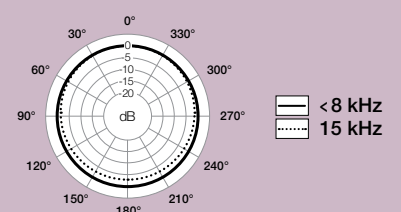
The EMW is exceptionally resistant to makeup, sweat, and moisture, and is well-suited to use in hair or on the body. The Aramid-reinforced cable gives it world-class survivability.

Frequency Response

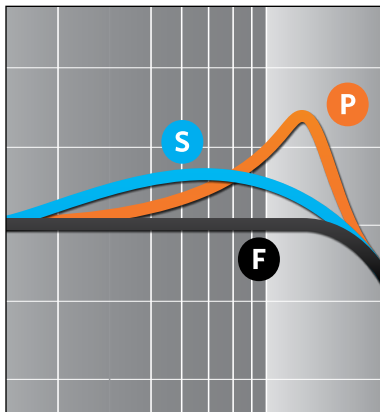
measured at 6 inches



Polar Response



EMW Lavalier: Frequently Asked Questions



Which response should I choose?

The EMW Lavalier is available in three frequency responses, all of which deliver audio quality with exceptional warmth and smoothness.

- “F” Response: the flattest possible curve for uncolored reproduction of audio sources such as musical instruments or room ambient sounds.
- “S” Response: provides a smooth 6 dB “shelved up” curve between 2 kHz and 15 kHz to compensate for lost facial reflections when the mic is used on the exterior of the body, as in the typical lapel or tie-clip position. This is the standard “lavalier” frequency response.
- “P” Response: provides a sharp 12 dB “peaked” curve at 12 kHz to preserve sibilance and intelligibility when the mic is hidden under clothing.



EMW in cola beverage.

How water resistant is the EMW?

The EMW is very water resistant, designed for immersion in water down to one meter. The stainless steel core and aramid-reinforced cable are coated in engineering polymers for protection against a wide variety of liquids.



Which clip should I choose?

Countryman manufactures a wide variety of clips which increase the versatility of the EMW.

- The standard tie clip comes in black and white; both colors are provided with the EMW. This lightweight plastic clip is a good choice for ties and lapels. The white clip can be colored with a felt pen if a custom color match is necessary.
- The double tie clip can hold two EMW microphones for applications where low-profile redundancy is important.
- The viper grip clip has two pins on the back and slides securely into cloth at any angle. The clip is designed to hold the active side of the microphone a fraction of an inch away from the back plate (A). The microphone’s inactive side (B) faces outward. Turning the active side of the capsule into the surface of the clip in this way provides more protection from handling noise and creates a boundary type effect. The viper grip is a good choice for discrete placement on the inside or outside of clothing and is available in colors to match the EMW.
- The magnetic clip consists of two halves that can be placed on either side of a piece of cloth and clamp together magnetically. The inner piece has a lanyard made of clear nylon line, which can be hooked over a button to make retrieval easier. This clip is ideal for attaching the mic to delicate materials where pins are inappropriate.

