



COUNTRYMAN ASSOCIATES INC

## B2D DIRECTIONAL LAVALIER MICROPHONE

The B2D Directional Lavalier is easily the smallest directional lavalier in the world, with the next smallest mic being more than twice its size. Combined with exceptional sound quality and isolation, this tiny package opens up a new set of miking options that were previously unavailable. The tight hypercardioid pattern gives the B2D an extra 6-10 dB of headroom compared to an omni lav, meaning less problems with feedback, ambient noise, room rumble, and phase cancellations with multiple mics.



### Positioning the B2D

With its small size and multiple color and sensitivity options, the B2D can easily hide behind a shirt button, making it truly invisible for film work, theater, live shows, or any other applications that may otherwise have required the reduced sound quality of under-clothing miking.

### Great for Broadcast

Natural vocal reproduction, superb intelligibility and a tight polar pattern make the B2D ideal for broadcast and a dependable workhorse you can count on to perform night after night in the most critical applications.



Supplied with a 5' cable, carrying case, windscreen, single isolation clip, protective cap, and detachable connector.

**Frequency Response :** 50 Hz to 18 kHz

**Cable Break Strength:** > 45 pounds

**Weight :** .18 oz (5 grams)

The B2D Lavalier is available in three sensitivities:

#### B2DW4

standard (gray band) for most uses

**Sensitivity:** 6.0 mV/Pascal

**Equivalent Acoustic Noise:** 34 dBA SPL

**Overload Sound Level:** 120 dB SPL

#### B2DW5

mid (red band, -10 dB re W4) for loud vocals

**Sensitivity:** 2.0 mV/Pascal

**Equivalent Acoustic Noise:** 39 dBA SPL

**Overload Sound Level:** 130 dB SPL

#### B2DW6

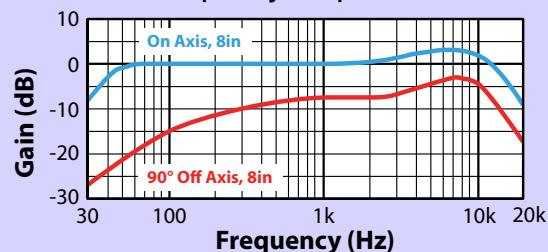
low (blue band, -20 dB re W4) for operatic vocals

**Sensitivity:** 0.6 mV/Pascal

**Equivalent Acoustic Noise:** 44 dBA SPL

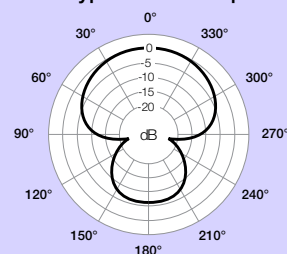
**Overload Sound Level:** 140 dB SPL

### Frequency Response



### 1 kHz Polar Response

hypercardioid cap

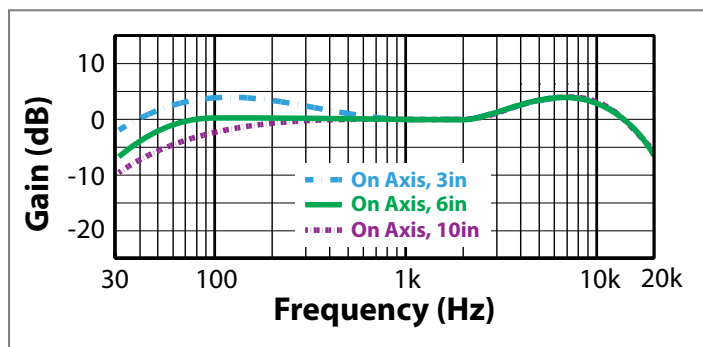


# B2D Directional Lavalier: Features and Use



## Isolation Clips

Our isolation clips minimize clothing and vibration noise, while allowing 360 degree rotation of the mic for easy positioning. We offer single and double isolation clips—as well as a magnetic isolation clip—in five different colors.



## Frequency Response

We tuned the B2D frequency response to be natural and intelligible at a wide range of distances from the mouth. As a result, the B2D delivers exceptional sound quality on the chest (8-10 in. from mouth) or towards the collar (3-4 in.).



## Redundant Miking

With our double tie clip, two B2D microphones—or one B2D and one B6 or B3 Omnidirectional Lavalier—can be used for redundancy. Pairing the B2D with the omni lav provides tremendous control to the sound engineer who can decide at any time to pan to the directional or the omni to get the best sound quality.



## Detachable Connectors

The B2D detachable connectors interface to a wide variety of wireless transmitter packs or an XLR input. This feature provides extreme flexibility for rental companies, consultants, or anyone else working at multiple venues or with different wireless systems.



## Three Sensitivity Options

The B2D is available in three different sensitivity options—lower sensitivity means higher overload level. Choose W4 for standard chest-worn applications, W5 for close miking such as on eyeglasses (shown here), and W6 for close miking with very powerful vocals: opera, for example.



## Five Color Options

The B2D is available in five colors: white, light beige, tan, cocoa, and black. Black is most popular for standard lapel-worn applications. Tan, light beige, and cocoa are designed to match clothing and skin tones. White is great when placing the B2D through a button-hole or against white clothing.