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BP4071L, BP4071 & BP4073
Line + Gradient Condenser Microphones

Audio-Technica's new shotgun microphones, the BP4071L, BP4071 and BP4073, offer extremely focused pickup throughout the entire frequency range. These innovative mics are ideal for creating high-quality audio for broadcast, feature films, wildlife recording and theater sound reinforcement. Whatever your audio demands, experience more.

broadcast & production microphones

Based on extensive in-the-field research and user input, Audio-Technica's new BP4071L, BP4071 and BP4073 microphones are ideal for creating high-quality audio for documentaries and feature films, wildlife recording and theater sound reinforcement. The highly directional mics offer low self-noise and extremely focused pickup. They are also fully RoHS-compliant – free from all substances specified in the EU directive on the reduction of hazardous substances (RoHS).

- Designed for critical long-distance pickup in broadcasting, film/TV production and theater sound reinforcement applications
- Transformerless design for improved pickup of transients
- Direct-coupled, balanced output ensures a clean signal even in high-output conditions
- Switchable 80 Hz high-pass filter and 10 dB pad
- Rugged housing made of lightweight structural-grade aluminum alloy

BP4071L Line + Gradient Condenser Microphone

At 21.22" long, Audio-Technica's new BP4071L is among the longest shotgun microphones on the market today. Originally developed at the request of broadcast professionals, this mic boasts an extremely narrow polar pattern, excellent rejection from the sides and rear of the microphone, along with crisp, intelligible audio reproduction.

BP4071 Line + Gradient Condenser Microphone

Particularly useful for miking dynamic action in film/TV audio as well as in "spot" miking techniques in the music studio or theater, the 15.55"-long BP4071 offers low self-noise and highly focused pickup. Audio-Technica has pioneered an interference tube design in the BP4071 that provides the same directivity as mics up to 50 percent longer.

BP4073 Line + Gradient Condenser Microphone

With an overall length of just 9.17" and weight of just 3.5 oz, this microphone adds virtually no heft to the end of a fish pole or the top of a minicam. Through the use of an innovative Audio-Technica design, the interference tube of the BP4073 provides a narrow acceptance angle for highly directional pickup.

Specifications¹

Element Externally polarized (DC bias) capacitor

Polar pattern Line + Gradient

Frequency responses BP4071L: 20-18,000 Hz, BP4071: 20-20,000 Hz, BP4073: 20-20,000 Hz

Low frequency roll-off 80 Hz, 12 dB/octave

Open circuit sensitivity -29 dB (35.5 mV) re 1V at 1 Pa*

Impedance 50 ohms

Maximum input sound level 141 dB SPL, 1 kHz at 1% T.H.D.; 151 dB SPL, with 10 dB pad (nominal)

Noise¹ 13 dB SPL

Dynamic range (typical) 128 dB, 1 kHz at Max SPL

Signal-to-noise ratio¹ 81 dB, 1 kHz at 1 Pa*

Phantom power requirements 48V DC, 4.8 mA typical

Switches Flat, roll-off; 10 dB pad (nominal)

Weight (less accessories) BP4071L: 175 g (6.2 oz), BP4071: 136 g (4.8 oz), BP4073: 99 g (3.5 oz)

Dimensions BP4071L: 539.0 mm (21.22") long, BP4071: 395.0 mm (15.55") long, BP4073: 233.0 mm (9.17") long; 21.0 mm (0.83") maximum body diameter

Output connector Integral 3-pin XLRM-type

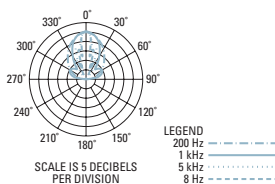
Accessories furnished AT8405a snap-in stand clamp for 5/8"-27 threaded stands; 5/8"-27 to 3/8"-16 threaded adapter; reticulated windscreens; two o-rings; protective carrying case

msrp
\$1,299.00

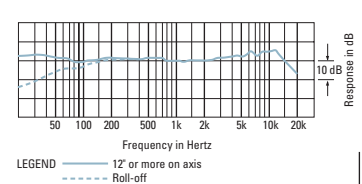


BP4071L Line + Gradient Condenser Microphone (21.22")

Polar Pattern



Frequency Response

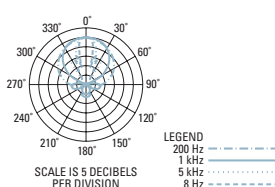


msrp
\$1,169.00

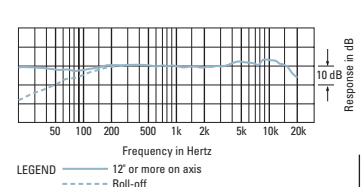


BP4071 Line + Gradient Condenser Microphones (15.55")

Polar Pattern



Frequency Response

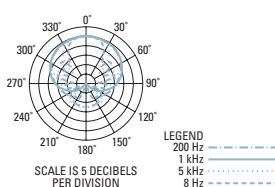


msrp
\$999.00

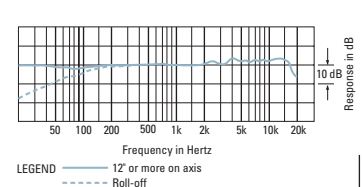


BP4073 Line + Gradient Condenser Microphone (9.17")

Polar Pattern



Frequency Response



¹ In the interest of standards development, A.T.U.S. offers full details on its test methods to other industry professionals on request.
*1 Pascal = 10 dynes/cm² = 10 microbars = 94 dB SPL
¹ Typical, A-weighted, using Audio Precision System One. Specifications are subject to change without notice.