



## COMMANDING VOCAL PRESENCE



### **BP40** LARGE-DIAPHRAGM DYNAMIC BROADCAST MICROPHONE

Audio-Technica introduces a dynamic broadcast microphone that delivers rich, natural, condenser-like sound. Featuring a large diaphragm with patented floating-edge construction for optimal performance, along with a humbucking voice coil, multistage windscreens and other pro essentials, the durable, all-metal BP40 keeps the audio focused on the broadcaster to maintain a commanding vocal presence free from electromagnetic interference (EMI) and popping. Take up the BP40—your listeners will take notice. [audio-technica.com](http://audio-technica.com)

 **audio-technica**  
*always listening*

## BP40 Large-Diaphragm Dynamic Broadcast Microphone



AT8484 Shock Mount (optional accessory)



Optimized capsule placement

- **Rich, natural condenser-like sound**
- **Large diameter diaphragm with patented floating-edge construction for optimal performance**
- **Humbucking coil prevents electromagnetic interference (EMI)**
- **Optimized capsule placement for commanding vocal presence even at a distance**
- **Hypercardioid polar pattern provides maximum feedback rejection and isolation of desired sound source**
- **Switchable 100 Hz high-pass filter**
- **Multistage windscreen provides superior internal pop filtering**
- **Rugged, all-metal construction for dependable use in professional broadcast environments**

The BP40 is a large-diaphragm dynamic microphone with a hypercardioid polar pattern. It is designed for use as a broadcast vocal microphone.

The hypercardioid polar pattern of the microphone is more sensitive to sound originating directly in front of the element, making it useful for controlling feedback and reducing pickup of unwanted sounds.

The output of the microphone is a 3-pin XLRM-type connector.

The microphone is equipped with a switch that permits choice of flat response or low-frequency roll-off (via integral 100 Hz high-pass filter).

The microphone is enclosed in a rugged housing with a multistage windscreen. The capsule is set back from the screen to provide a more consistent response. The included AT8483 mounting clamp fits any microphone stand with  $\frac{5}{8}$ "-27 threads. For improved protection from noise, shock and vibration, the AT8484 shock mount, available separately, may be used in place of the mounting clamp; it likewise fits stands with  $\frac{5}{8}$ "-27 threads. A soft protective pouch is also included.

### Specifications

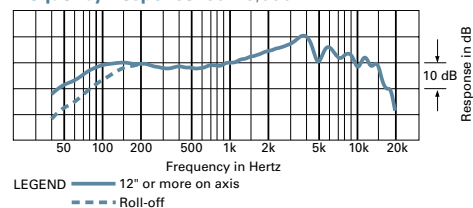
Element	Dynamic
Polar pattern	Hypercardioid
Frequency response	50-16,000 Hz
Low frequency roll-off	100 Hz, 6 dB/octave
Open circuit sensitivity	-48 dB (3.9 mV) re 1V at 1 Pa
Impedance	450 ohms
Switch	Flat, roll-off
Weight	632 g (22.3 oz) without AT8483
Dimensions	164.0 mm (6.45") long, 56.0 mm (2.20") diameter
Output connector	Integral 3-pin XLRM-type
Audio-Technica case style	R12
Accessories furnished	AT8483 mounting clamp for $\frac{5}{8}$ "-27 threaded stands; $\frac{5}{8}$ "-27 to $\frac{3}{8}$ "-16 threaded adapter; soft protective pouch

In the interest of standards development, A.T.U.S. offers full details on its test methods to other industry professionals on request.

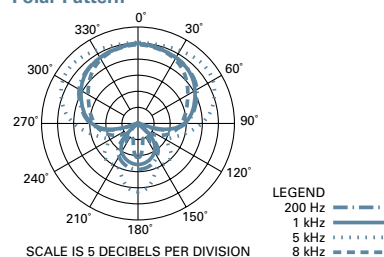
1 Pascal = 10 dynes/cm<sup>2</sup> = 10 microbars = 94 dB SPL

Specifications are subject to change without notice.

### Frequency Response: 50-16,000 Hz



### Polar Pattern



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