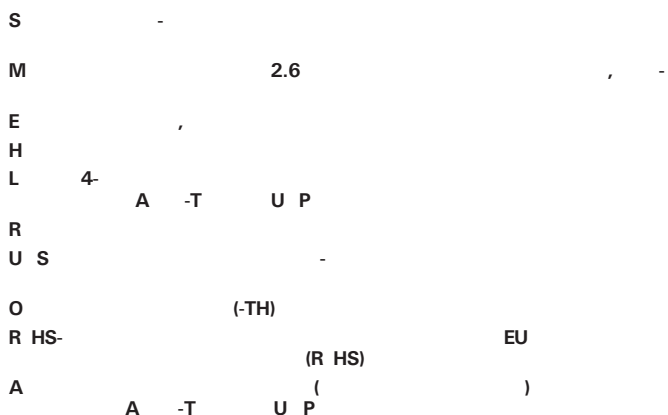


# MicroSet Omnidirectional Condenser Lavalier Microphones



<b>Element</b>	Fixed-charge back plate, permanent polarized condenser
<b>Polar pattern</b>	Omnidirectional
<b>Frequency response</b>	20-20,000 Hz
<b>Low frequency roll-off</b>	80 Hz, 18 dB/octave (fixed only)
<b>Open circuit sensitivity</b>	49 dB (3.5 mV) re 1V at 1 Pa
<b>Impedance</b>	250 ohms (fixed only)
<b>Maximum input sound level</b>	135 dB SPL, 1 kHz at 3% T.H.D.
<b>Dynamic range (typical)</b>	104 dB, 1 kHz at Max SPL (fixed only)
<b>Signal-to-noise ratio</b>	63 dB, 1 kHz at 1 Pa
<b>Phantom power requirements</b>	11-52V DC, 2 mA typical (fixed only)
<b>Current consumption</b>	0.1 mA typical at 5V (wireless only)
<b>Voltage range</b>	2.5-11V (wireless only)
<b>Switch</b>	Flat, roll-off (fixed only)
<b>Weight</b>	Microphone (less cable): 0.14 g Power module (fixed only): 85 g
<b>Dimensions</b>	Microphone: 10.8 mm long, 2.6 mm diameter Power module: 97.6 mm long, 18.9 mm diameter
<b>Output connector (power module)</b>	Integral 3-pin XLRM-type
<b>Cable</b>	1.4 m long (permanently attached to microphone), 1.6 mm diameter, 2-conductor shielded cable with locking 4-pin connector (fixed only)
<b>Accessories furnished</b>	AT8539 power module (fixed only); AT8517 windcreens; silicone covers (2 white, 2 beige, 2 black); zipper clip base; clothing clip base; 3 single mic holders; 2 double mic holders; carrying case



The BP896 is a subminiature clip-on/lavalier condenser microphone with an omnidirectional polar pattern. It is designed to provide intelligible, natural audio for stage/television talent, lecturers and houses of worship.

The microphone is intended to be worn on the clothing or hidden in props for excellent yet unobtrusive sound pickup. The wide-range capability of the microphone ensures clean, accurate reproduction with high intelligibility for speakers, presenters and other performers. Its small size makes it ideal for use in applications where minimum visibility is required.

The microphone requires 11V to 52V phantom power for operation.

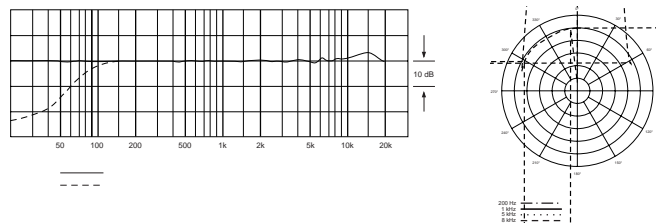
The microphone includes a 1.4 m permanently attached miniature cable. Its free end connects to the provided AT8539 power module via a locking 4-pin connector. The connector is also compatible with all Audio-Technica UniPak bodypack transmitters. The output of the power module is a 3-pin XLRM-type connector.

A recessed switch in the power module permits choice of flat response or low-frequency roll-off (via integral 80 Hz high-pass UniSteep filter) to help control undesired ambient noise.

The microphone comes equipped with a power module, a clothing clip base, a zipper clip base, three single mic holders, two double mic holders, two windcreens and silicone covers (two each in black, white and beige) for blending in with users' attire. A protective carrying case is also included. The microphone is available in black and beige.

The microphone is also available in a variety of wireless models, including the BP896cW. The BP896cW includes a 1.4 m permanently attached miniature cable terminated with a locking 4-pin connector for use with Audio-Technica UniPak bodypack transmitters. Models are also available in a variety of terminations for use with many other manufacturers' wireless systems. No power module or belt clip is included (or required) with the wireless models. The wireless models' dimensions, polar pattern and included accessories are otherwise identical to those of the BP896.

Avoid leaving the microphone in the open sun or in areas where temperatures exceed 43°C for extended periods. Excessive high humidity should also be avoided.



MicroSet



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