audio-technica

AT3032
Omni Condenser Microphone

AT3031
Cardioid Condenser Microphone

AT3035
Cardioid Condenser Microphone

- **Flat, extended frequency response**
- **High SPL handling capability and low self-noise**
- **Low-frequency roll-off switch and 10 dB pad**
- **Operate on 11-52V phantom power**
- **AT3035 includes a custom shock mount**

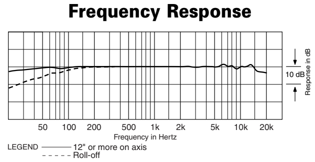
Specifications†	AT3035	AT3031	AT3032
Element	Fixed-charge back plate permanently polarized condenser	Fixed-charge back plate permanently polarized condenser	Fixed-charge back plate permanently polarized condenser
Polar Pattern	Cardioid	Cardioid	Omnidirectional
Frequency Response	20-20,000 Hz	30-20,000 Hz	30-20,000 Hz
Low Frequency Roll-off	80 Hz, 12 dB/octave	80 Hz, 12 dB/octave	80 Hz, 12 dB/octave
Open Circuit Sensitivity	–32 dB (25.1 mV) re 1V at 1 Pa*	–34 dB (19.9 mV) re 1V at 1 Pa*	–34 dB (19.9 mV) re 1V at 1 Pa*
Impedance	250 ohms	250 ohms	250 ohms
Maximum Input Sound Level (Nominal)	148 dB SPL, 1 kHz at 1% T.H.D. 158 dB SPL, with 10 dB pad	148 dB SPL, 1 kHz at 1% T.H.D. 158 dB SPL, with 10 dB pad	148 dB SPL, 1 kHz at 1% T.H.D. 158 dB SPL, with 10 dB pad
Noise[1]	12 dB SPL	16 dB SPL	16 dB SPL
Dynamic Range (Typical)	136 dB, 1 kHz at Max SPL	132 dB, 1 kHz at Max SPL	132 dB, 1 kHz at Max SPL
Signal-to-Noise Ratio[1]	82 dB, 1 kHz at 1 Pa*	78 dB, 1 kHz at 1 Pa*	78 dB, 1 kHz at 1 Pa*
Phantom Power Requirements	11-52V DC, 3 mA typical	11-52V DC, 3 mA typical	11-52V DC, 3 mA typical
Switches	Flat, roll-off; 10 dB pad	Flat, roll-off; 10 dB pad	Flat, roll-off; 10 dB pad
Weight (Less accessories)	13.8 oz (390 grams)	4.0 oz (112 grams)	4.1 oz (116 grams)
Dimensions	6.69" (170.0 mm) long, 2.05" (52.0 mm) max body diameter	5.67" (144.0 mm) long, 0.83" (21.0 mm) max body diameter	5.67" (144.0 mm) long, 0.83" (21.0 mm) max body diameter
Output Connector	Integral 3-pin XLRM-type	Integral 3-pin XLRM-type	Integral 3-pin XLRM-type
Accessories Furnished	AT8458 shock mount for 5/8"-27 threaded stands; soft protective pouch	AT8405 snap-in clamp for 5/8"-27 threaded stands; AT8159 foam windscreen; soft protective pouch	AT8405 snap-in clamp for 5/8"-27 threaded stands; AT8159 foam windscreen; 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.

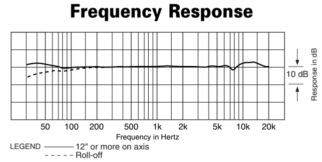
* 1 Pascal = 10 dynes/cm² = 10 microbars = 94 dB SPL

[1] Typical, A-weighted, using Audio Precision System One.

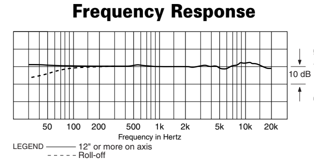
Frequency Response



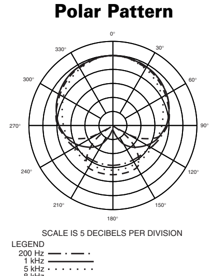
Frequency Response



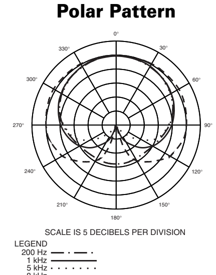
Frequency Response



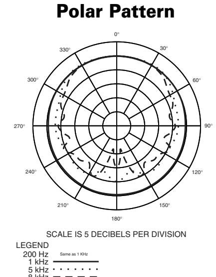
Polar Pattern



Polar Pattern



Polar Pattern



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