AT815b SPECIFICATIONS†

**ELEMENT**
- Fixed-charge back plate
- Permanently polarized condenser

**POLAR PATTERN**
- Line + gradient

**FREQUENCY RESPONSE**
- 30-20,000 Hz

**LOW-FREQUENCY ROLL-OFF**
- 180 Hz, 12 dB/octave

**OPEN CIRCUIT SENSITIVITY**
- (Phantom / Battery) –38 dB (12.5 mV) / –39 dB (11.2 mV) re 1V at 1 Pa*

**IMPEDANCE**
- (Phantom / Battery) 500 ohms / 600 ohms

**MAXIMUM INPUT SOUND LEVEL**
- (Phantom / Battery) 130 dB / 115 dB SPL, 1 kHz at 1% T.H.D.

**SIGNAL-TO-NOISE RATIO**
- (typical) 70 dB, 1 kHz at 1 Pa*

**DYNAMIC RANGE**
- (Phantom / Battery) 106 dB / 91 dB, 1 kHz at Max SPL

**PHANTOM POWER REQUIREMENTS**
- 9-52V DC, 2 mA typical

**BATTERY TYPE**
- 1.5V AA/UM3

**BATTERY CURRENT / LIFE**
- 0.4 mA / 1200 hours typical

**SWITCH**
- Flat, roll-off (recessed)

**WEIGHT**
- 7.1 oz (200 g)

**DIMENSIONS**
- 18.11" (460.0 mm) long, 0.83" (21.0 mm) diameter

**OUTPUT CONNECTOR**
- Integral 3-pin XLRM-type

**ACCESSORIES FURNISHED**
- AT8405a stand clamp for 5/8"-27 threaded stands; windscreen; battery; protective carrying case

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†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.

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