

ATM75

With a pivot-mounted flexible boom that can be positioned on either the left or right side of the head, the ATM75 headworn microphone delivers professional-quality vocal pickup with hands-free operation. Includes AT8139L large windscreen, AT8139S small windscreen, and AT8439 cable clip.

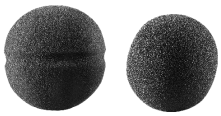
Available configurations:

ATM75cH: 55" (1.4 m) permanently attached miniature cable terminated with a screw-down 4-pin connector for use with Audio-Technica cH-style body-pack wireless transmitters.

ATM75cW: 55" (1.4 m) permanently attached miniature cable terminated with a locking 4-pin connector for use with Audio-Technica cW-style body-pack wireless transmitters.

ATM75c: 7.2' (2.2 m) permanently attached miniature cable (unterminated).

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Features

- Professional-quality vocal pickup with hands-free operation
- Low-visibility headband provides stable, comfortable fit
- Pivot-mounted flexible microphone
- Cardioid polar pattern improves isolation of desired sound source

Specifications

Microphones

Element

Fixed-charge back plate, permanently polarized condenser

Polar Pattern

Cardioid

Frequency Response

100-13,000 Hz

Low Frequency Roll Off

80 Hz, 18 dB/octave (wired only)

Open Circuit Sensitivity

PHANTOM: -51 dB (2.8 mV) re 1V at 1 Pa
BATTERY: -53 dB (2.2 mV) re 1V at 1 Pa

Maximum Input Sound Level

PHANTOM: 132 dB SPL, 1 kHz at 1% T.H.D.
BATTERY: 121 dB SPL, 1 kHz at 1% T.H.D.

Dynamic Range

PHANTOM: 96 dB, 1 kHz at Max SPL
BATTERY: 85 dB, 1 kHz at Max SPL

Signal-to-Noise Ratio

58 dB, 1 kHz at 1 Pa

Phantom Power Requirements

11-52V DC, 2 mA typical

Battery Type

1.5V AA/UM3 (wired only)

Battery Current/Life

0.4 mA / 2000 hours typical (alkaline) (wired only)

Switches

Off, on-flat, on-roll-off (wired only)

Weight (Microphone)

2.1 oz (60 g)

Weight (Power Module)

4.9 oz (139 g) (wired only)

Cable

4.6' (1.4 m) long (permanently attached to microphone), 0.11" (2.8 mm) diameter, 2-conductor shielded cable(termination dependent)

Dimensions

Microphone:

20.4 mm (0.80") diameter	Power module (wired only): 84.0 mm (3.31") H x 63.0 mm (2.48") W x 22.0 mm (0.87") D	Headset: 120.0 mm (4.72") nominal at widest point, 80.5 mm (3.17") flexible boom
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Dimensions (Power Module)

3.31" (84.0 mm) H x
2.48" (63.0 mm) W x 0.87" (22.0 mm) D

Dimensions (Headset)

4.72" (120.0 mm) nominal at widest point,
3.17" (80.5 mm) flexible boom

Dimensions (Microphone)

0.80" (20.4 mm) diameter

Output Connector (Power Module)

Integral 3-pin XLRM-type (wired only)

Accessories Included

AT8531 power module (wired only); AT8439 clothing clip; AT8139L large windscreen; AT8139S small windscreen; battery (wired only)

Audio-Technica Case Style

M19
