

ATM350U

Designed for use with brass, saxophone and other instruments, the ATM350U UniMount® mounting system gives you the tools to perform with confidence. The system features the ATM350a cardioid condenser microphone, a high-SPL mic that provides a clear, well-balanced response from any instrument.

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Features

- Low-profile mic design for minimum visibility
- Crisp, clear, well-balanced microphone response, even at high SPLs
- Cardioid polar pattern reduces pickup of sounds from the sides and rear, improving isolation of desired sound source
- UniMount® universal clip-on mount attaches securely to instrument bell and provides excellent shock resistance for the microphone
- Rugged UniMount® 5" gooseneck rigidly holds its shape, keeping microphone accurately positioned even during aggressive play
- In-line power module is equipped with a switchable 80 Hz high-pass filter to control undesired ambient noise
- Interchangeable elements available for hypercardioid and omnidirectional polar patterns
- Included violin mount with hook-and-loop fastener provides an additional mounting option

Specifications

Microphones

Element

Fixed-charge back plate, permanently polarized condenser

Polar Pattern

Cardioid

Frequency Response

40 – 20,000 Hz

**Low Frequency
Roll Off**

80 Hz, 12 dB/octave

**Open Circuit
Sensitivity**

-49 dB (3.5 mV) re 1V at 1 Pa

**Maximum Input
Sound Level**

159 dB SPL, 1 kHz at 1% T.H.D.

Dynamic Range

130 dB, 1 kHz at Max SPL

**Signal-to-Noise
Ratio**

65 dB, 1 kHz at 1 Pa

**Phantom Power
Requirements**

11– 52V DC, 3.5 mA typical

Switches

Flat, roll-off

**Weight
(Microphone)**

14.5 g (0.5 oz)

**Weight (Power
Module)**

90 g (3.2 oz)

Weight

Microphone:
14.5 g (0.5 oz)

Power Module:
90 g (3.2 oz)

Cable

4.0 m (13.1') long (permanently attached to microphone), 3.2 mm (0.13") diameter, 2-conductor shielded cable with HIROSE HR10-type connector

Dimensions

Microphone:
37.8 mm (1.49") long,
12.2 mm (0.48") maximum body diameter

Power Module:
92 mm (3.62") long,
18.9 mm (0.74") diameter

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**Dimensions
(Microphone)**

37.8 mm (1.49") long,
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**Output Connector
(Power Module)**

Integral 3-pin XLRM-type

Output Connector

Power Module:
Integral 3-pin XLRM-type

**Optional
Interchangeable
Elements**

UE-H hypercardioid (100°)
UE-O omnidirectional (360°)

**Accessories
Included**

ATM350a cardioid condenser microphone; AT8543 power module; AT8491U UniMount® universal clip-on mount; AT8490 UniMount® 5" gooseneck; AT8468 violin mount (hook-and-loop fastener); protective carrying case

**Audio-Technica
Case Style**

M36
