

# ATM350S

Designed for use with accordions and other instruments that are difficult to mike, the ATM350S 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® surface mount attaches permanently or temporarily to an accordion or other instrument that is difficult to mike, providing 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

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## Specifications

### Microphones

#### Element

Fixed-charge back plate, permanently polarized condenser

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#### Polar Pattern

Cardioid

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#### Frequency Response

40 – 20,000 Hz

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**Low Frequency  
Roll Off**

80 Hz, 12 dB/octave

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**Open Circuit  
Sensitivity**

−49 dB (3.5 mV) re 1V at 1 Pa

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**Maximum Input  
Sound Level**

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

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**Dynamic Range**

130 dB, 1 kHz at Max SPL

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**Signal-to-Noise  
Ratio**

65 dB, 1 kHz at 1 Pa

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**Phantom Power  
Requirements**

11– 52V DC, 3.5 mA typical

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**Switches**

Flat, roll-off

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**Weight  
(Microphone)**

14.5 g (0.5 oz)

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**Weight (Power  
Module)**

90 g (3.2 oz)

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**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

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**Dimensions (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,  
12.2 mm (0.48") maximum body diameter

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**Output Connector  
(Power Module)**

Integral 3-pin XLRM-type

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**Optional  
Interchangeable  
Elements**

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

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**Accessories  
Included**

ATM350a cardioid condenser microphone; AT8543 power module; AT8491S UniMount® surface mount; AT8475 surface mounting kit; AT8490 UniMount® 5" gooseneck; AT8468 violin mount (hook-and-loop fastener); protective carrying case

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**Audio-Technica  
Case Style**

M36

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