



AT-VMx Series

Cartridge/Replacement Stylus

User Manual

Applicable products

This user manual applies to the following products.

Product type	Product name
AT-VM760xSL AT-VM750xSH AT-VM745xML AT-VM740xML AT-VM530xEN AT-VM520xEB AT-VM510xCB	Dual Moving Magnet Stereo Cartridge
AT-VM610xMONO	Dual Moving Magnet Mono Cartridge
AT-VM670xSP	Dual Moving Magnet Cartridge for SP Records
AT-VM750xSH/H AT-VM740xML/H AT-VM520xEB/H	Dual Moving Magnet Stereo Cartridge with Headshell
AT-VMN60xSL AT-VMN50xSH AT-VMN45xML AT-VMN40xML AT-VMN30xEN AT-VMN20xEB AT-VMN10xCB AT-VMN70xSP	Replacement stylus

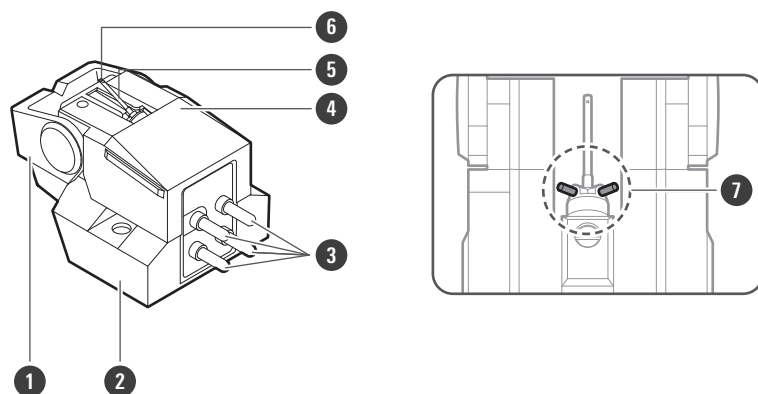
Safety precautions

Although this product was designed to be used safely, failing to use it correctly may result in an accident. To ensure safety, observe all warnings and cautions while using the product.

- Keep the product out of the reach of small children to avoid accidents or malfunction.
- Do not put the product in a location where it is exposed to direct sunlight, near heating devices, or in places with high temperatures, high humidity, or high concentrations of dust to avoid malfunction.
- Do not touch the product's cantilever, stylus tip, and magnets to avoid malfunction.
- Do not attempt to disassemble or modify the product to avoid malfunction.
- Do not subject the product to strong impact to avoid malfunction.

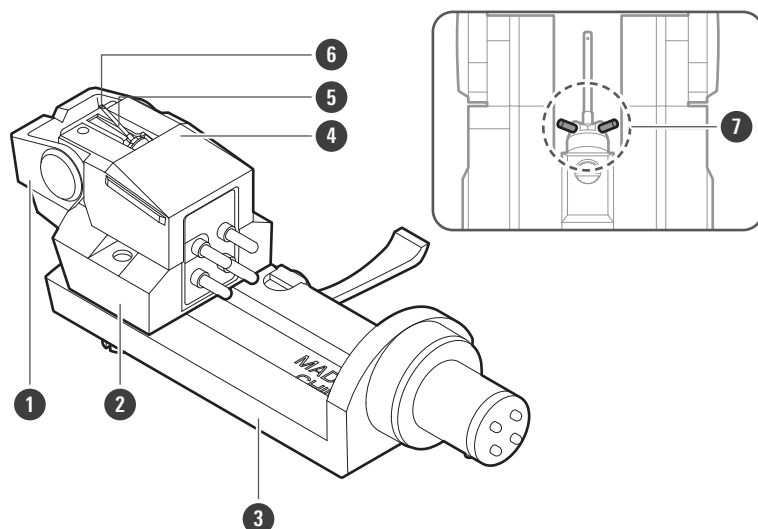
Name of each part

Cartridge



- 1 Protector
- 2 Cartridge body
- 3 Output terminals
- 4 Stylus (replacement stylus)
- 5 Cantilever
- 6 Stylus tip
- 7 Magnet

Cartridge with headshell



- 1 Protector
- 2 Cartridge body
- 3 Headshell
- 4 Stylus (replacement stylus)

Name of each part

- 5 Cantilever
- 6 Stylus tip
- 7 Magnet

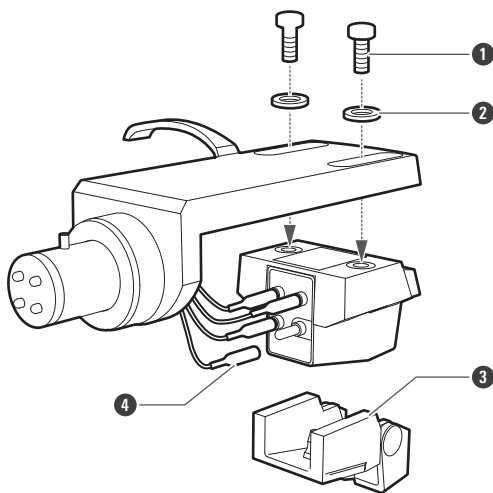
Using the product

Cartridge

- Remove the stylus (replacement stylus) before installing the product.
- The product is extremely delicate. Handle it with sufficient care.

1 Mount the product onto the headshell or headshell-integrated tonearm.

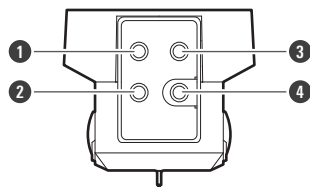
- Temporarily tighten the screws.



- 1 Screw
- 2 Washer
- 3 Stylus (replacement stylus)
- 4 Lead tip

2 Connect the lead tips, noting output polarity.

- Connect the headshell lead tips to the product output terminals (as shown in the figure).
- Never apply heat (from solder, etc.) to the output terminals.



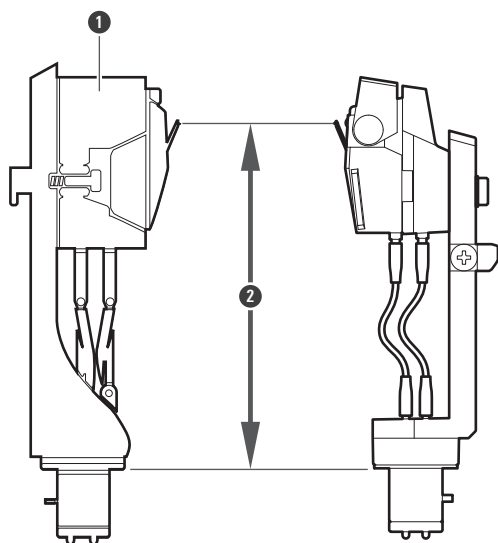
- 1 White (left channel / +)
- 2 Blue (left channel / -)
- 3 Red (right channel / +)
- 4 Green (right channel / -)

3 Determine the correct position for installing the product (adjust overhang).

- Adjust overhang following the instructions in the tonearm's, turntable's, or headshell's user manual. If you are unsure, align the stylus tip to the cartridge originally attached to the tonearm (as shown in the figure).

Using the product

- Finish tightening screws, making sure there is a balance between left and right.



- ❶ Cartridge that came with the turntable
- ❷ Match this distance as closely as possible

4 Adjust tracking force.

- Confirm the tracking force for the product in "Specifications" (p. 13).
- Make sure to use the product with the tracking force within the range shown in "Specifications" (p. 13).
Applying more tracking force than necessary may not only damage the record and stylus but impair audio quality.

5 Adjust tonearm height.

- Adjust the height so that the bottom surface of the headshell and the record surface are parallel, as seen from the side. An improper tonearm height may cause the body of the product to make contact with the record and could impair audio quality or damage the record.
- For subsequent steps, read the user manuals of the turntable.

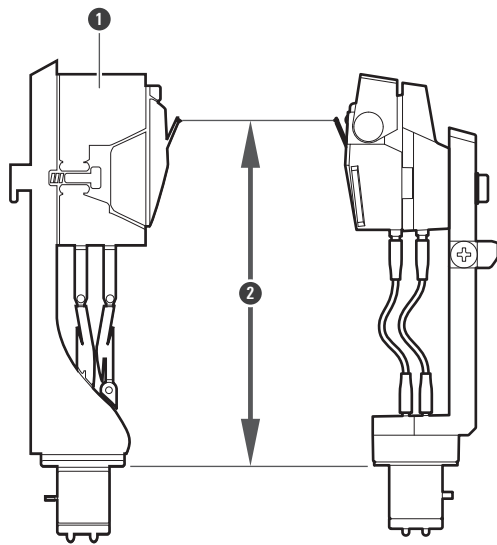
Cartridge with headshell

- Remove the stylus (replacement stylus) before installing the product.
- The product is extremely delicate. Handle it with sufficient care.

1 Determine the correct position for installing the product (adjust overhang).

- Adjust overhang following the instructions in the tonearm's, turntable's, or headshell's user manual. If you are unsure, align the stylus tip to the cartridge originally attached to the tonearm (as shown in the figure).
- Finish tightening screws, making sure there is a balance between left and right.

Using the product



- ❶ Cartridge that came with the turntable
- ❷ Match this distance as closely as possible

2 Adjust tracking force.

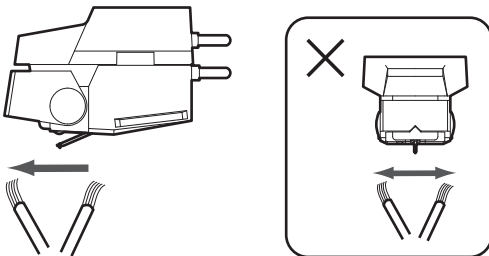
- Confirm the tracking force for the product in "Specifications" (p. 13).
- Make sure to use the product with the tracking force within the range shown in "Specifications" (p. 13).
Applying more tracking force than necessary may not only damage the record and stylus but impair audio quality.

3 Adjust tonearm height.

- Adjust the height so that the bottom surface of the headshell and the record surface are parallel, as seen from the side. An improper tonearm height may cause the body of the product to make contact with the record and could impair audio quality or damage the record.
- For subsequent steps, read the user manuals of the turntable.

Care

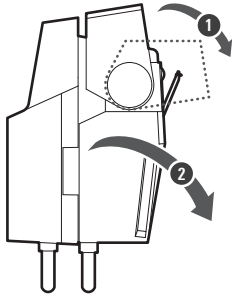
- Use a brush to remove dirt and dust on the stylus tip.
- Always move the brush in the direction in which the record rotates.



- If using a stylus cleaner, we recommend the stylus cleaner sold separately by Audio-Technica.
- Make sure to use the stylus cleaner correctly by first reading its user manual. Using it incorrectly could damage the stylus tip and cause it to malfunction.

Replacing the stylus

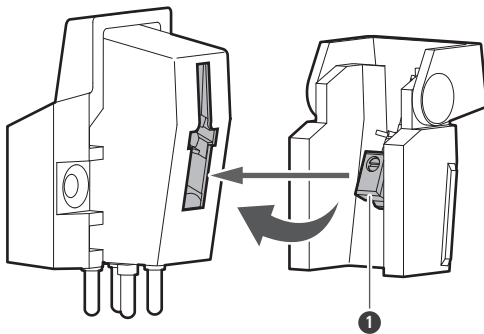
- 1 Remove the replacement stylus by pulling it in the direction of the arrow without touching the cantilever, stylus tip, and magnet.**



- 1** Pull down
- 2** Pull

- 2 Install a new replacement stylus onto the cartridge body.**

- Lifetime of the replacement stylus is as shown below.



- 1** Align the position of the inner protrusion.

Lifetime of replacement stylus

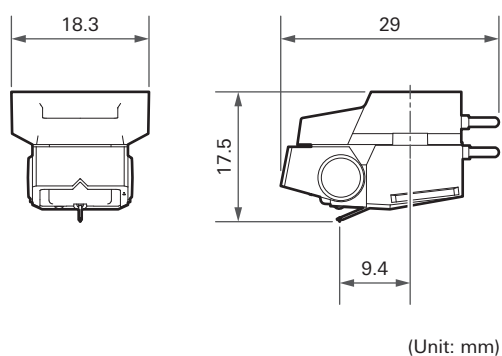
Refer to the specifications for the type of the replacement stylus included with each cartridge.

Replacement stylus type	Lifetime
AT-VMN60xSL AT-VMN50xSH	Approx. 800 hours
AT-VMN45xML AT-VMN40xML	Approx. 1,000 hours
AT-VMN30xEN AT-VMN20xEB	Approx. 300 hours
AT-VMN10xCB AT-VMN70xSP	Approx. 300 to 500 hours

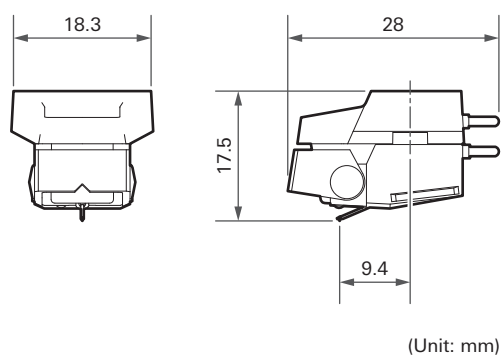
Dimensions

Cartridge

AT-VM700x series

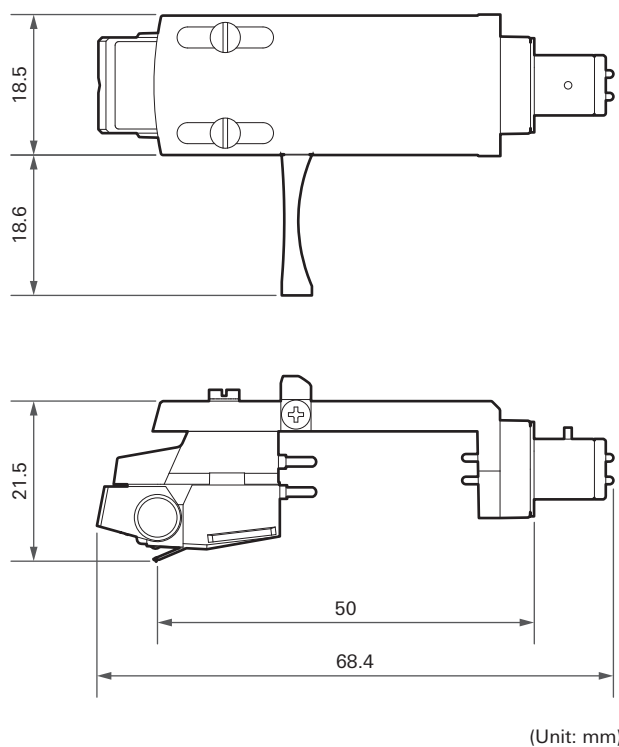


AT-VM600x/500x series

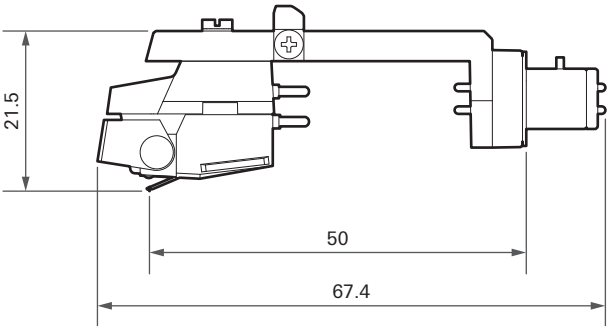
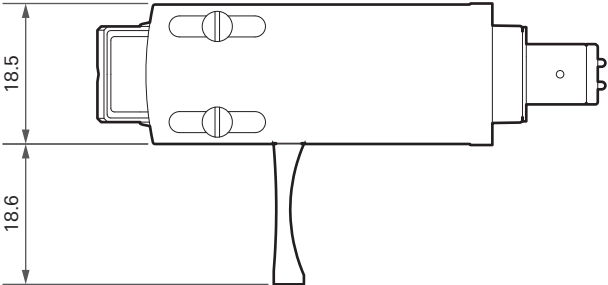


Cartridge with headshell

AT-VM700x/H series



AT-VM500x/H series



(Unit: mm)

Specifications

Cartridge

AT-VM760xSL

Type	VM
Frequency response	20 to 30,000 Hz
Output voltage	3.7 mV (1 kHz, 5 cm/sec.)
Channel separation	26 dB (1 kHz)
Output balance	1.0 dB (1 kHz)
Tracking force	1.8 to 2.2 g (2.0 g standard)
Coil impedance	3.2 k ohms (1 kHz)
DC resistance	750 ohms
Recommended load impedance	47 k ohms
Recommended load capacitance	150 to 250 pF
Coil inductance	480 mH (1 kHz)
Static compliance	17.5×10^{-6} cm/dyne
Dynamic compliance	7×10^{-6} cm/dyne (100 Hz)
Stylus	Special line contact
Stylus curvature radius	1.5×0.28 mil
Cantilever	0.28 mm (0.011") diameter solid boron
Vertical tracking angle	20°
Dimensions	17.5 mm (0.69") × 18.3 mm (0.72") × 29.0 mm (1.1") (H × W × D)
Threaded holes	M2.6 × 2
Weight	8.8 g (0.31 oz)
Replacement stylus (sold separately) ^[1]	AT-VMN60xSL
Accessories ^[2]	Cartridge installation screws (M2.6) (10.0 mm [0.39"] × 2, 8.0 mm [0.31"] × 2, 5.0 mm [0.20"] × 2), Washer × 2, Non-magnetic screwdriver, Brush

[1] The replacement stylus of this product is used for AT-VMx series products. In this series, we offer replacement styli with different stylus tip structures and point shapes. For more details, visit the Audio-Technica website.

[2] The product includes two 5.0 mm (0.20") cartridge installation screws that are used for securing the cartridge inside the box. After removing the cartridge from the box, store the screws carefully to prevent them from being lost.

- For product improvement, the product is subject to modification without notice.

Specifications

AT-VM750xSH

Type	VM
Frequency response	20 to 27,000 Hz
Output voltage	3.7 mV (1 kHz, 5 cm/sec.)
Channel separation	26 dB (1 kHz)
Output balance	1.0 dB (1 kHz)
Tracking force	1.8 to 2.2 g (2.0 g standard)
Coil impedance	3.2 k ohms (1 kHz)
DC resistance	750 ohms
Recommended load impedance	47 k ohms
Recommended load capacitance	150 to 250 pF
Coil inductance	480 mH (1 kHz)
Static compliance	20×10^{-6} cm/dyne
Dynamic compliance	7×10^{-6} cm/dyne (100 Hz)
Stylus	Nude Shibata
Stylus curvature radius	2.7×0.26 mil
Cantilever	0.28 mm (0.011") diameter solid boron
Vertical tracking angle	20°
Dimensions	17.5 mm (0.69") × 18.3 mm (0.72") × 29.0 mm (1.1") (H × W × D)
Threaded holes	M2.6 × 2
Weight	8.8 g (0.31 oz)
Replacement stylus (sold separately) ^[1]	AT-VMN50xSH
Accessories ^[2]	Cartridge installation screws (M2.6) (10.0 mm [0.39"] × 2, 8.0 mm [0.31"] × 2, 5.0 mm [0.20"] × 2), Washer × 2, Non-magnetic screwdriver, Brush

[1] The replacement stylus of this product is used for AT-VMx series products. In this series, we offer replacement styli with different stylus tip structures and point shapes. For more details, visit the Audio-Technica website.

[2] The product includes two 5.0 mm (0.20") cartridge installation screws that are used for securing the cartridge inside the box. After removing the cartridge from the box, store the screws carefully to prevent them from being lost.

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Specifications

AT-VM745xML

Type	VM
Frequency response	20 to 27,000 Hz
Output voltage	3.7 mV (1 kHz, 5 cm/sec.)
Channel separation	26 dB (1 kHz)
Output balance	1.0 dB (1 kHz)
Tracking force	1.8 to 2.2 g (2.0 g standard)
Coil impedance	3.2 k ohms (1 kHz)
DC resistance	750 ohms
Recommended load impedance	47 k ohms
Recommended load capacitance	150 to 250 pF
Coil inductance	480 mH (1 kHz)
Static compliance	20×10^{-6} cm/dyne
Dynamic compliance	7×10^{-6} cm/dyne (100 Hz)
Stylus	Nude Microlinear
Stylus curvature radius	2.2×0.12 mil
Cantilever	0.28 mm (0.011") diameter solid boron
Vertical tracking angle	20°
Dimensions	17.5 mm (0.69") $\times$ 18.3 mm (0.72") $\times$ 29.0 mm (1.1") (H $\times$ W $\times$ D)
Threaded holes	M2.6 $\times$ 2
Weight	8.8 g (0.31 oz)
Replacement stylus (sold separately) ^[1]	AT-VMN45xML
Accessories ^[2]	Cartridge installation screws (M2.6) (10.0 mm [0.39"] $\times$ 2, 8.0 mm [0.31"] $\times$ 2, 5.0 mm [0.20"] $\times$ 2), Washer $\times$ 2, Non-magnetic screwdriver, Brush

[1] The replacement stylus of this product is used for AT-VMx series products. In this series, we offer replacement styli with different stylus tip structures and point shapes. For more details, visit the Audio-Technica website.

[2] The product includes two 5.0 mm (0.20") cartridge installation screws that are used for securing the cartridge inside the box. After removing the cartridge from the box, store the screws carefully to prevent them from being lost.

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Specifications

AT-VM740xML

Type	VM
Frequency response	20 to 25,000 Hz
Output voltage	3.2 mV (1 kHz, 5 cm/sec.)
Channel separation	25 dB (1 kHz)
Output balance	1.0 dB (1 kHz)
Tracking force	1.8 to 2.2 g (2.0 g standard)
Coil impedance	3.2 k ohms (1 kHz)
DC resistance	750 ohms
Recommended load impedance	47 k ohms
Recommended load capacitance	150 to 250 pF
Coil inductance	480 mH (1 kHz)
Static compliance	20×10^{-6} cm/dyne
Dynamic compliance	7×10^{-6} cm/dyne (100 Hz)
Stylus	Nude Microlinear
Stylus curvature radius	2.2×0.12 mil
Cantilever	Tapered aluminum pipe
Vertical tracking angle	20°
Dimensions	17.5 mm (0.69") $\times$ 18.3 mm (0.72") $\times$ 29.0 mm (1.1") (H $\times$ W $\times$ D)
Threaded holes	M2.6 $\times$ 2
Weight	8.8 g (0.31 oz)
Replacement stylus (sold separately) ^[1]	AT-VMN40xML
Accessories ^[2]	Cartridge installation screws (M2.6) (10.0 mm [0.39"] $\times$ 2, 8.0 mm [0.31"] $\times$ 2, 5.0 mm [0.20"] $\times$ 2), Washer $\times$ 2, Non-magnetic screwdriver, Brush

[1] The replacement stylus of this product is used for AT-VMx series products. In this series, we offer replacement styli with different stylus tip structures and point shapes. For more details, visit the Audio-Technica website.

[2] The product includes two 5.0 mm (0.20") cartridge installation screws that are used for securing the cartridge inside the box. After removing the cartridge from the box, store the screws carefully to prevent them from being lost.

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Specifications

AT-VM530xEN

Type	VM
Frequency response	20 to 25,000 Hz
Output voltage	3.2 mV (1 kHz, 5 cm/sec.)
Channel separation	25 dB (1 kHz)
Output balance	1.5 dB (1 kHz)
Tracking force	1.8 to 2.2 g (2.0 g standard)
Coil impedance	3.2 k ohms (1 kHz)
DC resistance	750 ohms
Recommended load impedance	47 k ohms
Recommended load capacitance	150 to 250 pF
Coil inductance	480 mH (1 kHz)
Static compliance	23×10^{-6} cm/dyne
Dynamic compliance	7×10^{-6} cm/dyne (100 Hz)
Stylus	Nude elliptical
Stylus curvature radius	0.3 × 0.7 mil
Cantilever	Aluminum pipe
Vertical tracking angle	20°
Dimensions	17.5 mm (0.69") × 18.3 mm (0.72") × 28.0 mm (1.1") (H × W × D)
Threaded holes	M2.6 × 2
Weight	7.2 g (0.25 oz)
Replacement stylus (sold separately) ^[1]	AT-VMN30xEN
Accessories ^[2]	Cartridge installation screws (M2.6) (10.0 mm [0.39"] × 2, 8.0 mm [0.31"] × 2, 5.0 mm [0.20"] × 2), Washer × 2

[1] The replacement stylus of this product is used for AT-VMx series products. In this series, we offer replacement styli with different stylus tip structures and point shapes. For more details, visit the Audio-Technica website.

[2] The product includes two 5.0 mm (0.20") cartridge installation screws that are used for securing the cartridge inside the box. After removing the cartridge from the box, store the screws carefully to prevent them from being lost.

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Specifications

AT-VM520xEB

Type	VM
Frequency response	20 to 20,000 Hz
Output voltage	5.0 mV (1 kHz, 5 cm/sec.)
Channel separation	24 dB (1 kHz)
Output balance	1.5 dB (1 kHz)
Tracking force	1.8 to 2.2 g (2.0 g standard)
Coil impedance	3.2 k ohms (1 kHz)
DC resistance	750 ohms
Recommended load impedance	47 k ohms
Recommended load capacitance	150 to 250 pF
Coil inductance	480 mH (1 kHz)
Static compliance	23×10^{-6} cm/dyne
Dynamic compliance	7×10^{-6} cm/dyne (100 Hz)
Stylus	Elliptical bonded
Stylus curvature radius	0.3 × 0.7 mil
Cantilever	Aluminum pipe
Vertical tracking angle	20°
Dimensions	17.5 mm (0.69") × 18.3 mm (0.72") × 28.0 mm (1.1") (H × W × D)
Threaded holes	M2.6 × 2
Weight	7.2 g (0.25 oz)
Replacement stylus (sold separately) ^[1]	AT-VMN20xEB
Accessories ^[2]	Cartridge installation screws (M2.6) (10.0 mm [0.39"] × 2, 8.0 mm [0.31"] × 2, 5.0 mm [0.20"] × 2), Washer × 2

[1] The replacement stylus of this product is used for AT-VMx series products. In this series, we offer replacement styli with different stylus tip structures and point shapes. For more details, visit the Audio-Technica website.

[2] The product includes two 5.0 mm (0.20") cartridge installation screws that are used for securing the cartridge inside the box. After removing the cartridge from the box, store the screws carefully to prevent them from being lost.

- For product improvement, the product is subject to modification without notice.

Specifications

AT-VM510xCB

Type	VM
Frequency response	20 to 20,000 Hz
Output voltage	5.0 mV (1 kHz, 5 cm/sec.)
Channel separation	24 dB (1 kHz)
Output balance	1.5 dB (1 kHz)
Tracking force	1.8 to 2.2 g (2.0 g standard)
Coil impedance	3.2 k ohms (1 kHz)
DC resistance	750 ohms
Recommended load impedance	47 k ohms
Recommended load capacitance	150 to 250 pF
Coil inductance	480 mH (1 kHz)
Static compliance	23×10^{-6} cm/dyne
Dynamic compliance	7×10^{-6} cm/dyne (100 Hz)
Stylus	Conical bonded
Stylus curvature radius	0.6 mil
Cantilever	Aluminum pipe
Vertical tracking angle	20°
Dimensions	17.5 mm (0.69") × 18.3 mm (0.72") × 28.0 mm (1.1") (H × W × D)
Threaded holes	M2.6 × 2
Weight	7.2 g (0.25 oz)
Replacement stylus (sold separately) ^[1]	AT-VMN10xCB
Accessories ^[2]	Cartridge installation screws (M2.6) (10.0 mm [0.39"] × 2, 8.0 mm [0.31"] × 2, 5.0 mm [0.20"] × 2), Washer × 2

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[2] The product includes two 5.0 mm (0.20") cartridge installation screws that are used for securing the cartridge inside the box. After removing the cartridge from the box, store the screws carefully to prevent them from being lost.

- For product improvement, the product is subject to modification without notice.

Specifications

AT-VM610xMONO

Type	VM
Frequency response	20 to 20,000 Hz
Output voltage	5.0 mV (1 kHz, 5 cm/sec.)
Horizontal/vertical output ratio	20 dB (1 kHz)
Tracking force	1.8 to 2.2 g (2.0 g standard)
Coil impedance	1.6 k ohms (1 kHz)
DC resistance	375 ohms
Recommended load impedance	47 k ohms
Recommended load capacitance	150 to 250 pF
Coil inductance	240 mH (1 kHz)
Static compliance	23×10^{-6} cm/dyne
Dynamic compliance	7×10^{-6} cm/dyne (100 Hz)
Stylus	Conical bonded
Stylus curvature radius	0.6 mil
Cantilever	Aluminum pipe
Vertical tracking angle	20°
Dimensions	17.5 mm (0.69") × 18.3 mm (0.72") × 28.0 mm (1.1") (H × W × D)
Threaded holes	M2.6 × 2
Weight	7.2 g (0.25 oz)
Replacement stylus (sold separately) ^[1]	AT-VMN10xCB
Accessories ^[2]	Cartridge installation screws (M2.6) (10.0 mm [0.39"] × 2, 8.0 mm [0.31"] × 2, 5.0 mm [0.20"] × 2), Washer × 2

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[2] The product includes two 5.0 mm (0.20") cartridge installation screws that are used for securing the cartridge inside the box. After removing the cartridge from the box, store the screws carefully to prevent them from being lost.

- For product improvement, the product is subject to modification without notice.

Specifications

AT-VM670xSP

Type	VM
Frequency response	20 to 20,000 Hz
Output voltage	4.7 mV (1 kHz, 5 cm/sec.)
Horizontal/vertical output ratio	20 dB (1 kHz)
Tracking force	4.5 to 5.5 g (5.0 g standard)
Coil impedance	1.6 k ohms (1 kHz)
DC resistance	375 ohms
Recommended load impedance	47 k ohms
Recommended load capacitance	150 to 250 pF
Coil inductance	240 mH (1 kHz)
Static compliance	23×10^{-6} cm/dyne
Stylus	Conical bonded
Stylus curvature radius	3.0 mil
Cantilever	Aluminum pipe
Vertical tracking angle	20°
Dimensions	17.5 mm (0.69") × 18.3 mm (0.72") × 28.0 mm (1.1") (H × W × D)
Threaded holes	M2.6 × 2
Weight	7.2 g (0.25 oz)
Replacement stylus (sold separately) ^[1]	AT-VMN70xSP
Accessories ^[2]	Cartridge installation screws (M2.6) (10.0 mm [0.39"] × 2, 8.0 mm [0.31"] × 2, 5.0 mm [0.20"] × 2), Washer × 2

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[2] The product includes two 5.0 mm (0.20") cartridge installation screws that are used for securing the cartridge inside the box. After removing the cartridge from the box, store the screws carefully to prevent them from being lost.

- For product improvement, the product is subject to modification without notice.

Cartridge with headshell

AT-VM750xSH/H

Type	VM
Frequency response	20 to 27,000 Hz
Output voltage	3.7 mV (1 kHz, 5 cm/sec.)
Channel separation	26 dB (1 kHz)
Output balance	1.0 dB (1 kHz)
Tracking force	1.8 to 2.2 g (2.0 g standard)
Coil impedance	3.2 k ohms (1 kHz)
DC resistance	750 ohms
Recommended load impedance	47 k ohms
Recommended load capacitance	150 to 250 pF
Coil inductance	480 mH (1 kHz)
Static compliance	20×10^{-6} cm/dyne
Dynamic compliance	7×10^{-6} cm/dyne (100 Hz)
Stylus	Nude Shibata
Stylus curvature radius	2.7×0.26 mil
Cantilever	0.28 mm (0.011") diameter solid boron
Vertical tracking angle	20°
Dimensions	21.5 mm (0.85") × 18.5 mm (0.73") × 68.4 mm (2.7") (H × W × D)
Weight	20.3 g (0.72 oz)
Replacement stylus (sold separately) ^[1]	AT-VMN50xSH

[1] The replacement stylus of this product is used for AT-VMx series products. In this series, we offer replacement styli with different stylus tip structures and point shapes. For more details, visit the Audio-Technica website.

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Specifications

AT-VM740xML/H

Type	VM
Frequency response	20 to 25,000 Hz
Output voltage	3.2 mV (1 kHz, 5 cm/sec.)
Channel separation	25 dB (1 kHz)
Output balance	1.0 dB (1 kHz)
Tracking force	1.8 to 2.2 g (2.0 g standard)
Coil impedance	3.2 k ohms (1 kHz)
DC resistance	750 ohms
Recommended load impedance	47 k ohms
Recommended load capacitance	150 to 250 pF
Coil inductance	480 mH (1 kHz)
Static compliance	20×10^{-6} cm/dyne
Dynamic compliance	7×10^{-6} cm/dyne (100 Hz)
Stylus	Nude Microlinear
Stylus curvature radius	2.2×0.12 mil
Cantilever	Tapered aluminum pipe
Vertical tracking angle	20°
Dimensions	21.5 mm (0.85") × 18.5 mm (0.73") × 68.4 mm (2.7") (H × W × D)
Weight	20.3 g (0.72 oz)
Replacement stylus (sold separately) ^[1]	AT-VMN40xML

[1] The replacement stylus of this product is used for AT-VMx series products. In this series, we offer replacement styli with different stylus tip structures and point shapes. For more details, visit the Audio-Technica website.

- For product improvement, the product is subject to modification without notice.

Specifications

AT-VM520xEB/H

Type	VM
Frequency response	20 to 20,000 Hz
Output voltage	5.0 mV (1 kHz, 5 cm/sec.)
Channel separation	24 dB (1 kHz)
Output balance	1.5 dB (1 kHz)
Tracking force	1.8 to 2.2 g (2.0 g standard)
Coil impedance	3.2 k ohms (1 kHz)
DC resistance	750 ohms
Recommended load impedance	47 k ohms
Recommended load capacitance	150 to 250 pF
Coil inductance	480 mH (1 kHz)
Static compliance	23×10^{-6} cm/dyne
Dynamic compliance	7×10^{-6} cm/dyne (100 Hz)
Stylus	Elliptical bonded
Stylus curvature radius	0.3 × 0.7 mil
Cantilever	Aluminum pipe
Vertical tracking angle	20°
Dimensions	21.5 mm (0.85") × 18.5 mm (0.73") × 67.4 mm (2.7") (H × W × D)
Weight	18.3 g (0.65 oz)
Replacement stylus (sold separately) ^[1]	AT-VMN20xEB

[1] The replacement stylus of this product is used for AT-VMx series products. In this series, we offer replacement styli with different stylus tip structures and point shapes. For more details, visit the Audio-Technica website.

- For product improvement, the product is subject to modification without notice.

Replacement stylus

AT-VMN60xSL

Tracking force	1.8 to 2.2 g (2.0 g standard)
Stylus	Special line contact
Cartridge (sold separately)	AT-VM760xSL

- For product improvement, the product is subject to modification without notice.

Specifications

AT-VMN50xSH

Tracking force	1.8 to 2.2 g (2.0 g standard)
Stylus	Nude Shibata
Cartridge (sold separately)	AT-VM750xSH

- For product improvement, the product is subject to modification without notice.

AT-VMN45xML

Tracking force	1.8 to 2.2 g (2.0 g standard)
Stylus	Nude Microlinear
Cartridge (sold separately)	AT-VM745xML

- For product improvement, the product is subject to modification without notice.

AT-VMN40xML

Tracking force	1.8 to 2.2 g (2.0 g standard)
Stylus	Nude Microlinear
Cartridge (sold separately)	AT-VM740xML

- For product improvement, the product is subject to modification without notice.

AT-VMN30xEN

Tracking force	1.8 to 2.2 g (2.0 g standard)
Stylus	Nude elliptical
Cartridge (sold separately)	AT-VM530xEN

- For product improvement, the product is subject to modification without notice.

AT-VMN20xEB

Tracking force	1.8 to 2.2 g (2.0 g standard)
Stylus	Elliptical bonded
Cartridge (sold separately)	AT-VM520xEB

- For product improvement, the product is subject to modification without notice.

Specifications

AT-VMN10xCB

Tracking force	1.8 to 2.2 g (2.0 g standard)
Stylus	Conical bonded
Cartridge (sold separately)	AT-VM510xCB, AT-VM610xMONO

- For product improvement, the product is subject to modification without notice.

AT-VMN70xSP

Tracking force	4.5 to 5.5 g (5.0 g standard)
Stylus	Conical bonded (3.0 mil)
Cartridge (sold separately)	AT-VM670xSP

- For product improvement, the product is subject to modification without notice.

株式会社オーディオテクニカ

〒194-8666 東京都町田市西成瀬2-46-1
www.audio-technica.co.jp

Audio-Technica Corporation

2-46-1 Nishi-naruse, Machida, Tokyo 194-8666, Japan
www.audio-technica.com
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Global Support Contact: www.at-globalsupport.com