



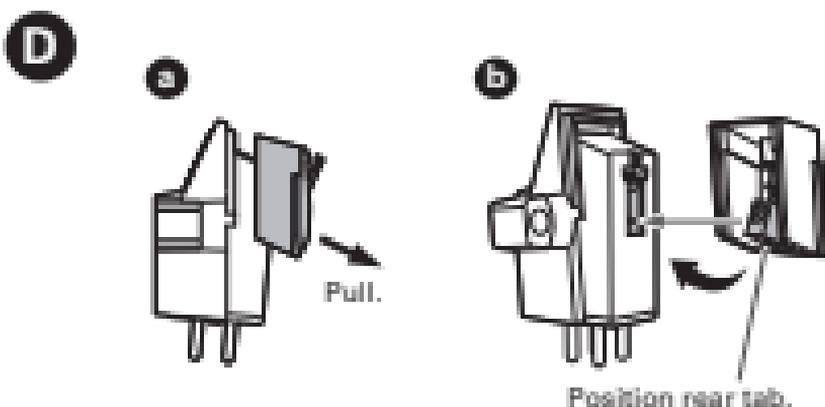
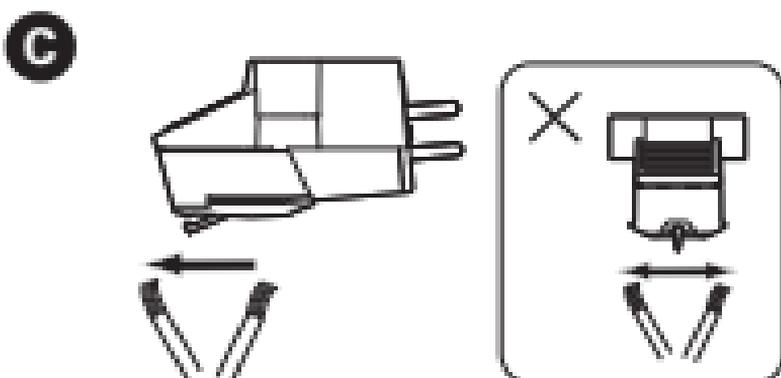
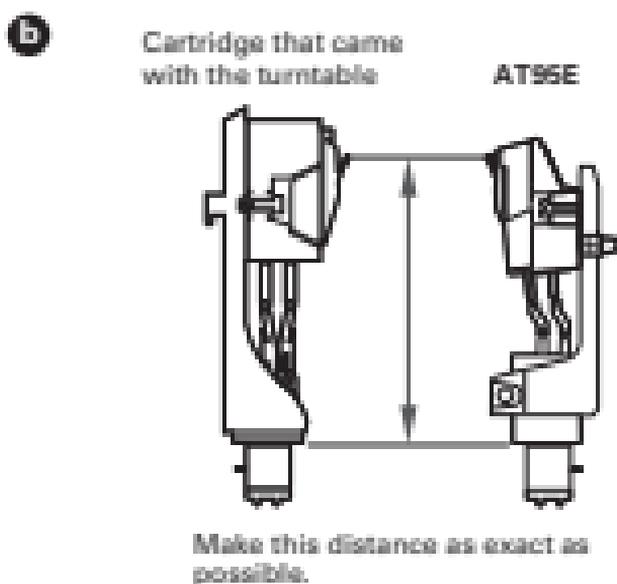
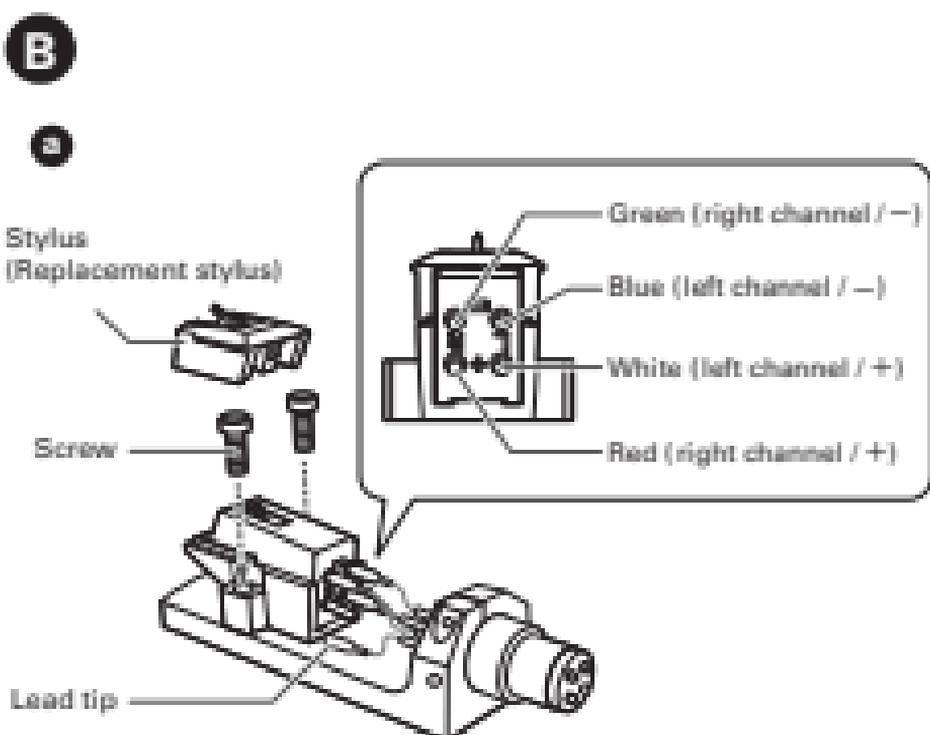
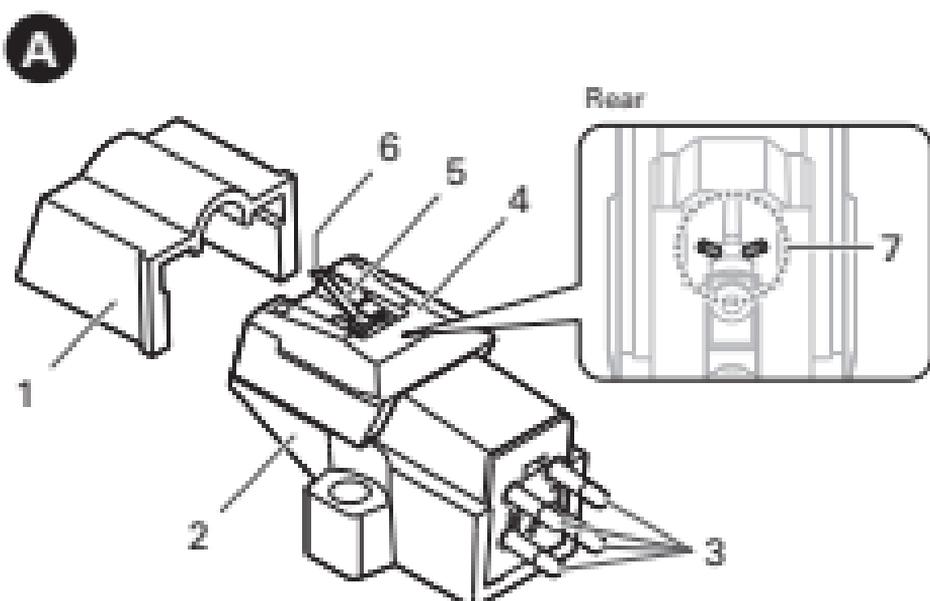
AT95E

User Manual

Dual Moving Magnet Stereo Cartridge
 Cellule stéréo à double aimant mobile
 Dual Moving Magnet Stereo Tonabnehmersystem
 Fonorivelatore a Magnete Mobile Stereo
 Cápsula estéreo de imán móvil
 Cápsula Tipo "Moving Magnet" Dual Estéreo
 Головка звукоснимателя стереофоническая
 с двойным подвижным магнитом

듀얼 VM 스테레오 카트리지
 双动磁式立体声唱头
 雙動磁 VM 型立體聲唱頭

audio-technica



English

Thank you for purchasing this Audio-Technica product. Before using the product, read through this user manual to ensure that you will use the product correctly. Please keep this manual for future reference.

■ Safety precautions

- Keep the plastic bag provided with the product out of the reach of small children and away from open flames to avoid accidents or fire.
- 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

A

Become familiar with each part before using the product.

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

■ How to use

B

Remove the (replacement) stylus before mounting the product.

1. Mount the product onto the headshell or headshell-integrated tonearm. **a**
2. Connect the lead tips, noting output polarity. **b**
 - Connect headshell lead tips to the product output terminals (as shown in the figure).
 - Never apply heat (from solder, etc.) to the output terminals.
3. Determine the correct position for installing the product (adjust overhang). **b**
 - 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).
4. Adjust tracking force.
 - Confirm the tracking force for the product in "Specifications."
5. Adjust arm 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 arm height may cause the body of the product to make contact with the record and could impair audio quality or damage the record.
6. Connect directly to the PHONO (MM) terminal of the preamplifier/amplifier.
 - If your preamplifier/amplifier does not have a PHONO terminal, use a phono equalizer (sold separately).

■ Care

C

- Use a brush to remove dirt and dust from the stylus tip.
- Always move the brush in the direction in which the record rotates.
- A stylus cleaner (sold separately) is recommended to remove stubborn dirt.

■ Replacing the stylus

D

1. Remove the replacement stylus by pulling in the direction of the arrow without touching the cantilever, stylus tip, and magnets. **a**
2. Install a new replacement stylus onto the cartridge body. **b**
 - Lifetime of the replacement stylus is approx. 300 hours.

■ Specifications

Type: VM

Frequency response: 20 to 20,000 Hz

Output voltage: 3.5 mV (1 kHz, 5 cm/sec.)

Channel separation: 20 dB (1 kHz)

Output balance: 2.0 dB (1 kHz)

Tracking force: 1.5 to 2.5 g (2.0 g standard)

Coil impedance: 2.8 k ohms (1 kHz)

DC resistance: 410 ohms

Recommended load impedance: 47 k ohms

Recommended load capacitance: 100 to 200 pF

Coil inductance: 400 mH (1 kHz)

Static compliance: 20×10^{-6} cm/dyne

Dynamic compliance: 6.5×10^{-6} cm/dyne (100 Hz)

Stylus: Elliptical bonded

Stylus curvature radius: 0.3 × 0.7 mil

Cantilever: Aluminum pipe

Vertical tracking angle: 20°

Dimensions: 12.2 mm (0.68") × 17.0 mm (0.67") × 30.5 mm (1.20")

(H × W × D)

Weight: 5.7 g (0.20 oz)

Replacement stylus (sold separately): ATN95E

Accessories: Cartridge installation slotted screws 11.0 mm (0.43") × 2 and

8.0 mm (0.31") × 2, Washer × 2, Round nut × 2

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