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Dynavector

TONE ARMS, ACCESSORIES

TONE ARM

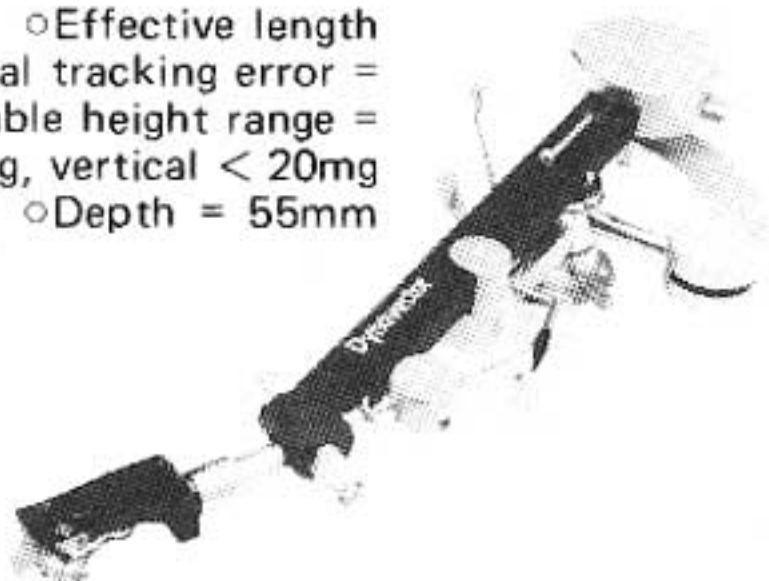
BI-AXIS INERTIA CONTROLLED
EDDY CURRENT DAMPING TONE ARM

DV

501

Here appears the new bi-axis tone arm Dynavector DV501. We would say that the DV505 was a fundamental model based on current skills in the technology of a bi-axis tone arm, the DV501 should be placed as a standard bi-axis tone arm with advanced philosophy. Eddy current damping system which is so effective for bi-axis structure. Installed arm lift which enables us to use the DV501 in a similar way to a conventional tone arm. Simple and reliable the DV501 was born with the very latest precision manufacturing techniques. It has full compatibility with other arms as the dimension are quite similar. Our DV505 has enjoyed an excellent reputation in the overseas audio market since being awarded the "Design and Engineering Prize" at the C.E.S. (Consumer Electronics Show), Chicago in 1977. And now again, our DV501 has been awarded a similar "Design and Engineering Prize" at C.E.S. Chicago in 1982 for its highly advanced technology.

○Overall length = 309mm incl. headshell ○Effective length = 241mm ○Offset angle = 21.5° ○Lateral tracking error = $0^{\circ} - 2.2^{\circ}$ ○Overhang = 15mm ○Adjustable height range = 36 - 76mm ○Sensitivity = lateral < 50mg, vertical < 20mg ○Height = 54mm (liftable up to 94mm) ○Depth = 55mm (without connecting cable)



TONE ARM

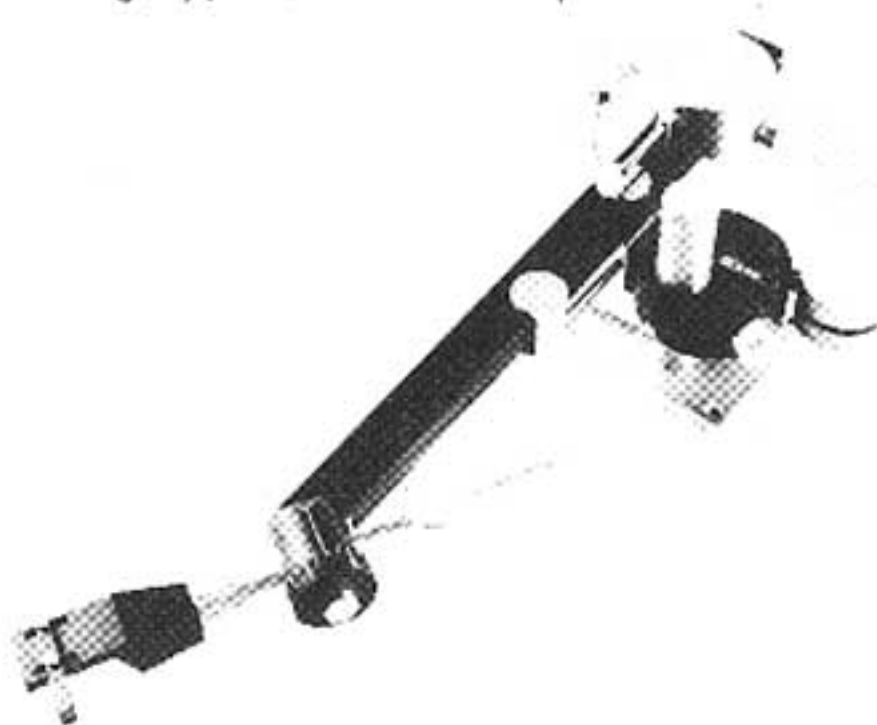
BI-AXIS INERTIA CONTROLLED
DYNAMIC BALANCE TYPE TONE ARM

DV

505

This unconventional tone arm is our answer to today's advanced record cutting technology. The DV/505, with its biaxial arm, dynamic and electro-magnetic damping systems and spring loaded tracking force, gives 100% cartridge performance. The DV/505 arm will extract from the Dynavector cartridge the very maximum in quality and enable you to experience tremendous satisfaction from your records. The 1977 CES Design and Engineering Exhibition selected and awarded the DV/505 tone arm. Why not treat yourself to this luxury — the experience will be well worth it.

○Overall length = 335mm incl. headshell ○Effective length = 241mm
○Offset angle = 21.5° ○Lateral tracking error = $0^{\circ} - 2.2^{\circ}$
○Overhang = 15mm ○Adjustable height range = 38 — 70mm
○Sensitivity = less than 50mg ○Height = 72mm (liftable up to 94mm)
○Free standing type (without requiring mounting hole)



TRANSFORMERS

DV-6A



Made to the same rigid standards of excellence as the Dyna-vector Moving Coil cartridges. It features expensive solid silver wire and a massive magnetic core.

◦Adaptable impedance of cartridge = 3 – 40Ω ◦Load resistance = 47KΩ ◦Step-up ratio = 1 : 13 ◦Frequency range = 10Hz – 70KHz ◦Max. input = 300mV (at 50Hz) ◦Dimension = 52 (W) x 191 (D) x 75 (H) mm ◦Balanced or unbalanced connection is switchable

DV-6Z



The DV-6Z is the economical version but retain almost all the special features of DV-6A.

◦Adaptable impedance of cartridge = – 40Ω ◦Load resistance = 47KΩ ◦Step-up ratio = 1 : 10 ◦Frequency range = 10Hz – 30KHz ◦Max. input = 200mV (at 50Hz) ◦Dimension = 70 (W) x 63 (D) x 38 (H) mm

AUDIO CABLE



DV-5AC

Tonearm output cable with 5p connector and gold plated metal plugs.



DV-7C

Tonearm output cable with "L" type 5p connector.



DV-5LR(0.6m)

DV-5LR(1.2m)

DV-5LR(2.0m)

The gold plated plugs of these cables are fully metal shielded.

HEADSHELL, TONEARM OPTIONAL PARTS



DV-2B

DV-2B

Headshell (DV-505 optional part) Weight 13.5g



DV-2C

DV-2C

Headshell (DV-501 optional part) Weight 15.0g



DV-2D

DV-2D

Headshell

Weight 11.0g



DV-3A

DV-505 OPTIONAL PARTS

DV-3A

Arm lifter (Cueing device)

DV-3B

Optional mounting base

DV-3D

Mounting base for MICRO DQX-1000, RX-5000 player



DV-7A

DV-501 OPTIONAL PARTS

DV-7A

Screw mounted arm base

DV-7B

SME compatible arm base

DV-7D

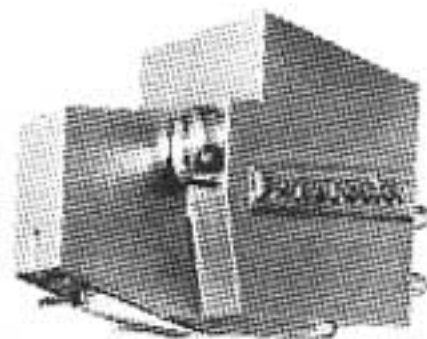
Optional weight set



DV-7D

KARAT SERIES MC CARTRIDGE

KARAT DIAMOND(100 D)



Dynavector is the first predecessor to use the diamond cantilever. Dramatically short length of cantilever (2.5mm) of KARAT is based on the purely academic theory to obtain the minimum dispersion.

○Output voltage = 0.2mV (1KHz, 5cm/sec) ○Frequency range = 20Hz — 70KHz ○Stylus = Line contact ○Cantilever = 0.4 x 0.4 x 2.5 oblique cut naked diamond ○Impedance = $R=30\Omega$, $L=80\mu H$ ○Tracking force = 1.5g ○Weight = 5.3g

KARAT 17 DIAMOND SUPER(17 DS)



KARAT 17DS has a 1.7mm length tapered solid diamond cantilever and Micro Reach Stylus which has microscopic curvature of contact surface. 17DS is the newest model that was born by the most advanced technology.

○Output voltage = 0.2mV (1KHz, 5cm/sec) ○Frequency range = 20Hz — 90KHz ○Stylus = Micro reach stylus ○Cantilever = $\phi 0.3 - 0.2$, 1.7mm length tapered diamond ○Impedance = $R=32\Omega$, $L=90\mu H$ ○Tracking force = 1.8g ○Weight = 5.3g

KARAT 17 DIAMOND(17 D)



The 1.7mm length diamond cantilever rewarded the extremely small size of armature and the reasonable price.

17D makes the much less dispersion and the wider frequency response than any other cartridge.

○Output voltage = 0.2mV (1KHz, 5cm/sec) ○Frequency range = 20Hz — 70KHz ○Stylus = Improved super elliptical ○Cantilever = Nude block 1.7mm length diamond ○Impedance = $R=32\Omega$, $L=90\mu H$ ○Tracking force = 2.0g ○Weight

KARAT 23 RUBY(23R)



23R is the successor of the world most successful cartridge "KARAT RUBY" which was designed by the same theory of KARAT DIAMOND. The length of the ruby cantilever was reduced to 2.3mm from 2.5mm.

○Output voltage = 0.2mV (1KHz, 5cm/sec) ○Frequency range = 20Hz — 50KHz ○Stylus = Improved super elliptical
○Cantilever = Nude block 2.3mm length diamond ○Impedance = $R=35\Omega$, $L=100\mu H$ ○Tracking force = 1.5g ○Weight = 5.3g

KARAT 19A

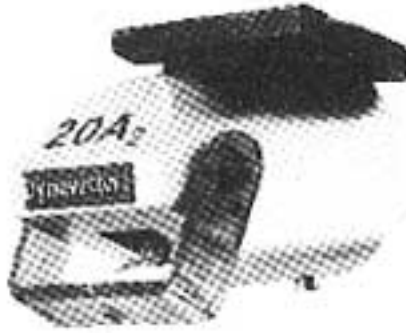


KARAT 19A is the achievement of Dynavector for the popular priced KARAT cartridge. 19A has a 1.9mm length tapered solid aluminium cantilever and very small size armature.

○Output voltage = 0.25mV (1KHz, 5cm/sec) ○Frequency range = 20Hz — 70KHz ○Stylus = Improved super elliptical
○Cantilever = $\phi 0.5 - \phi 0.3$, 1.9mm length solid tapered aluminium ○Impedance = $R=32\Omega$, $L=90\mu H$ ○Tracking force = 1.8g ○Weight = 5.3g

HIGH OUTPUT MC CARTRIDGE

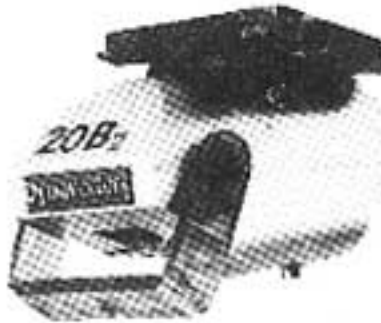
DV-20A Type2



20A2 and 20B2 are the successors of the famous Dynavector/Ultimo 20A, 20B which have been enjoying very good world-wide reviews for their excellent musicality and technical performance.

○Output voltage = 3.6 mV (1KHz, 5cm/sec) ○Frequency range = 20Hz — 40KHz ○Stylus = Elliptical (0.3 x 0.7mil)
○Cantilever = Tapered aluminium pipe ○Impedance = R = 510Ω, L = 1mH ○Tracking force = 1.8g ○Weight = 5.3g

DV-20B Type2



Both 20A and 20B Type 2 can now deliver an amazingly high output voltage of 3.6mV, together with an astonishingly flat frequency response to 20KHz.

○Output voltage = 3.6mV (1KHz, 5cm/sec) ○Frequency range = 20Hz — 40KHz ○Stylus = Elliptical (0.3 x 0.7mil)
○Cantilever = Straight solid beryllium ○Impedance = R = 510Ω, L = 1mH ○Tracking force = 1.8g ○Weight = 5.3g

DV-10X Type3



Since the first debut as DV-10X in 1977, this cartridge has been widely accepted as the best high output cartridge in its lower price range. 10X3 was recreated as the modern low mass high output MC cartridge.

○Output voltage = 2.5mV (1KHz, 5cm/sec) ○Frequency range = 20Hz — 20KHz ○Stylus = Elliptical ○Cantilever = Tapered aluminium pipe ○Impedance = R=300Ω, L = 0.7mH ○Tracking force = 1.7g ○Weight = 4.6g

LOW OUTPUT MC CARTRIDGE

DV-50A



50A has short length cantilever of 5mm, the nude elliptical diamond stylus and the very good tracking ability as well as the light mass of 4.5g which enables the easiest reproduction of modern direct cut discs.

○Output voltage = 0.2mV (1KHz, 5cm/sec) ○Frequency range = 20Hz — 50KHz ○Stylus = Elliptical (0.3 x 0.7mil)
○Cantilever = Straight aluminium ○Impedance = R=30Ω, L=80μH ○Tracking force = 1.5g ○Weight = 4.5g

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