



PICK-UPNAALDEN.NL Fazantendreef 17-19 8251JR Dronten

Tel: 0321 769022 Email: info@pick-upnaalden.nl Web: <http://www.pick-upnaalden.nl>

Ortofon CADENZA serie elementen



Ortofon Cadenza Mono technical data

The Cadenza Mono model is made with a nude fine line stylus and a cylindrical aluminium cantilever. For easy use the pins are connected so you get the same signal from both pairs of connecting pins. The stylus radius is r/R 8/40 μm .

Sharing internal build with the [Cadenza Red](#) and with optimized adjustments for mono playback the sound is relaxed, homogeneous and moderate.

Find your old records as well as new micro groove mono records and experience the Cadenza Mono.

Technical data

Output voltage at 1 kHz 5 cm/sec	450 μV
Frequency range at -3 dB	20 Hz - 50 kHz
Frequency response 20 Hz - 20 kHz	-3
Tracking ability at 315 Hz at recommended tracking force *)	70 μm

Compliance, dynamic, lateral	12 $\mu\text{m/mN}$
Stylus type	Nude fine line, Al. cantilever
Stylus tip radius	r/R 8/40
Tracking force range	2,2-2,7 g (22-27 mN)
Tracking force recommended	2,5 g (25 mN)
Tracking angle	20°
Internal impedance, DC resistance	5 Ohm
Recommended load impedance	50-500 Ohm
Cartridge body material	Stainless steel Aluminium
Cartridge colour	Natural/Black
Cartridge weight	10,7 g

*) *Typical value*



Ortofon Cadenza Red technical data

The Cadenza Red model is using a nude fine line stylus with a cylindrical aluminium cantilever. The stylus tip radius is r/R 8/40 μm . The coils are made from 6NX (99.9999 %) pure silver wire. An improved winding process on the armature allows a better channel balance.

The sound picture of Cadenza Red is more relaxed, homogeneous and moderately dynamic in the perspective compared to the Cadenza Blue and have great space and depth in the stereo image.

Technical data

Output voltage at 1 kHz 5 cm/sec	450 μ V
Channel balance	< 1,5 dB
Channel separation at 1 kHz	> 23 dB
Channel separation at 15 kHz	> 15 dB
Frequency range at -3 dB	20 Hz - 50 kHz
Frequency response 20 Hz - 20 kHz	-3
Tracking ability at 315 Hz at recommended tracking force *)	80 μ m
Compliance, dynamic, lateral	12 μ m/mN
Stylus type	Nude fine line, Al. cantilever
Stylus tip radius	r/R 8/40
Tracking force range	2,2-2,7 g (22-27 mN)
Tracking force recommended	2,5 g (25 mN)
Tracking angle	20°
Internal impedance, DC resistance	5 Ohm
Recommended load impedance	50-500 Ohm
Cartridge body material	Stainless steel Aluminium
Cartridge colour	Red/Black
Cartridge weight	10,7 g

*) *Typical value*



Ortofon Cadenza Blue technical data

The Cadenza Blue model is using a Nude FG 70 stylus with a very thin ruby cantilever. The improved winding process on the armature ensures better channel balance.

The soundstage of Cadenza Blue is wide open and grandiose straight out of the box. Micro dynamic and ambience will be evident when listening to complex compositions. It reaches a very high degree of definition in the perspective, which is very present. It is true to the music with a tremendous clarity.

Technical Data

Output voltage at 1 kHz 5 cm/sec	500 μ V
Channel balance	< 1,2 dB
Channel separation at 1 kHz	> 23 dB
Channel separation at 15 kHz	> 15 dB
Frequency range at -3 dB	20 Hz - 50 kHz
Frequency response 20 Hz - 20 kHz	-2
Tracking ability at 315 Hz at recommended tracking force *)	80 μ m
Compliance, dynamic, lateral	12 μ m/mN
Stylus type	Nude FG 70, Ruby cantilever
Stylus tip radius	r/R 6/70
Tracking force range	2,2-2,7 g (22-27 mN)
Tracking force recommended	2,5 g (25 mN)
Tracking angle	20°
Internal impedance, DC resistance	5 Ohm
Recommended load impedance	50-200 Ohm
Cartridge body material	Stainless steel Aluminium
Cartridge colour	Blue/Black
Cartridge weight	10,7 g

*) *Typical value*



Ortofon Cadenza Bronze technical data

The Cadenza Bronze model is using a Replicant 100 stylus and a conical aluminium cantilever. The coil wire is

the famous Ortofon Aucurum wire, which is a gold plated 6NX copper wire. [Field Stabilizing Element](#) FSE, is used for optimal linearity especially during complex crescendo passages.

Cadenza Bronze is a true high-end reference cartridge, conveying music with supreme precision, impact and dynamics. Its stereo imaging capabilities illuminate the farthest corners of the soundstage in all three dimensions.

Technical data

Output voltage at 1000 Hz, 5cm/sec.	400 μ V
Channel balance at 1 kHz	< 1 dB
Channel separation at 1 kHz	> 24 dB
Channel separation at 15 kHz	> 20 dB
Frequency range at - 3dB	20 - 55 kHz
Frequency response 20 Hz - 20 kHz	+1,5
Tracking ability at 315Hz at recommended tracking force *)	80 μ m
Compliance, dynamic, lateral	12 μ m/mN
Stylus type	Nude Ortofon replicant,, conical aluminium
Stylus tip radius	r/R 5/100 μ m
Tracking force range	2,2-2,7 g (22-27 mN)
Tracking force, recommended	2,5 g (25 mN)
Tracking angle	23°
Internal impedance, DC resistance	5 Ohm
Recommended load impedance	50-200 Ohm
Cartridge body material	Stainless steel / Aluminium
Cartridge colour	Bronze/Black
Cartridge weight	10,7 gram

*) *Typical value*



Ortofon Cadenza Black technical data

The Cadenza Black model is using a Nude Shibata stylus with a boron cantilever. The effective mass of the stylus/cantilever system is extremely low due to the use of a very thin boron rod. This material is extremely stiff and even more lightweight than aluminium.

It also uses the WRD (Wide Range Damping-system), controlling the high and low frequency damping separately.

Cadenza Black is optimized for an amazing tonal neutrality, dynamics and purity of sound. It is high performing on areas like detail, consistency and sound staging.

Technical data

Output voltage at 1000 Hz, 5cm/sec.	0,3 mV
Channel balance at 1 kHz	< 0,8 dB
Channel separation at 1 kHz	> 27 dB
Channel separation at 15 kHz	> 20 dB
Frequency range at - 3dB	20 - 60.000 Hz
Frequency response 20 Hz - 20 kHz	+1,5/0
Tracking ability at 315Hz at recommended tracking force *)	90 µm
Compliance, dynamic, lateral	16 µm/mN
Stylus type	Nude Shibata, Boron cantilever
Stylus tip radius	r/R 6/50 µm
Tracking force range	2,0-2,5 g (20-25 mN)
Tracking force, recommended	2,3 g (23 mN)
Tracking angle	20°
Internal impedance, DC resistance	5 Ohm
Recommended load impedance	> 10 Ohm
Cartridge body material	Stainless steel Aluminium
Cartridge colour	Black/Black
Cartridge weight	10,7 gram

*) *Typical value*