

Audio MusiKraft Nitro Series Cartridge Specifications (comparison chart)

Series:	Aluminum (Al)		Lithium (Li)		Magnesium (Mg)		Bronze (Br) Gold		Bronze (Br) Collectors	
Motor model:	Nitro1	Nitro2	Nitro1	Nitro2	Nitro1	Nitro2	Nitro1	Nitro2	Nitro1	Nitro2
Shell specifications:										
Alloy material:	aluminum		lithium		magnesium		bronze		bronze	
Protective layer:	anodized		paste seal		passivated coating		14k gold		micro-crystalline wax	
Finish:	brushed, anodic oxide		mirror / hand polished		matte / iridescent		mirror / hand polished		authentic patina	
Color:	clear or champagne		natural		olive green		gold		6 choices	
Shell weight (nude):	4.1g		3.9g		2.8g		13.1g		13.1g	
Headshell mount:	per EIA Standards, 1/2"		per EIA Standards, 1/2"		per EIA Standards, 1/2"		per EIA Standards, 1/2"		per EIA Standards, 1/2"	
Shell cover threads:	10 - M2.5 x 0.45 (5 overhang positions)		10 - M2.5 x 0.45 (5 overhang positions)		10 - M2.5 x 0.45 (5 overhang positions)		10 - M2.5 x 0.45 (5 overhang positions)		10 - M2.5 x 0.45 (5 overhang positions)	
Cover depth clearance:	2.2mm (max. screw length)		2.2mm (max. screw length)		2.2mm (max. screw length)		2.2mm (max. screw length)		2.2mm (max. screw length)	
Tone wood Inserts (3 species incl.):	Beeswaxed torrefied pine, lacquered maple and oiled ipé		Beeswaxed torrefied pine, lacquered maple and oiled ipé		Beeswaxed torrefied pine, lacquered maple and oiled ipé		Beeswaxed torrefied pine, lacquered maple and oiled ipé		Beeswaxed torrefied pine, lacquered maple and oiled ipé	
Cartridge specifications:										
Generating system:	LOMC (low output moving coil)		LOMC (low output moving coil)		LOMC (low output moving coil)		LOMC (low output moving coil)		LOMC (low output moving coil)	
Channels:	2, stereo		2, stereo		2, stereo		2, stereo		2, stereo	
Cartridge size (LxWxH):	28.5 x 18.0 x 17.7mm		28.5 x 18.0 x 17.7mm		28.5 x 18.0 x 17.7mm		28.5 x 18.0 x 17.7mm		28.5 x 18.0 x 17.7mm	
Cartridge weight (with wood inserts):	11.7g - 12.2g		11.5g - 12.0g		10.4g - 10.9g		20.6g - 21.1g		20.6g - 21.1g	
Coil conductor:	copper	6N pure copper	copper	6N pure copper	copper	6N pure copper	copper	6N pure copper	copper	6N pure copper
Diamond:										
Stylus shape:	conical		conical		conical		conical		conical	
Tracking tip size:	0.65 mil		0.65 mil		0.65 mil		0.65 mil		0.65 mil	
Cantilever:	light alloy		light alloy		light alloy		light alloy		light alloy	
Measurements:										
Playback frequency response:	20-45,000 Hz		20-45,000 Hz		20-45,000 Hz		20-45,000 Hz		20-45,000 Hz	
Channel separation (1 kHz):	> 25 dB		> 25 dB		> 25 dB		> 25 dB		> 25 dB	
Channel sensitivity difference (1 kHz):	< 1 dB		< 1 dB		< 1 dB		< 1 dB		< 1 dB	
Output voltage (1 kHz, 50mm/sec):	0.35 mV	0.30 mV	0.35 mV	0.30 mV	0.35 mV	0.30 mV	0.35 mV	0.30 mV	0.35 mV	0.30 mV
Stylus pressure (vertical tracking force):	2.5 ±0.3 g		2.5 ±0.3 g		2.5 ±0.3 g		2.5 ±0.3 g		2.5 ±0.3 g	
Compliance (on disc):	5 x 10-6 cm/dyne		5 x 10-6 cm/dyne		5 x 10-6 cm/dyne		5 x 10-6 cm/dyne		5 x 10-6 cm/dyne	
Electrical impedance (1 kHz):	40Ω ± 20 %	14Ω ± 20 %	40Ω ± 20 %	14Ω ± 20 %	40Ω ± 20 %	14Ω ± 20 %	40Ω ± 20 %	14Ω ± 20 %	40Ω ± 20 %	14Ω ± 20 %
Recommended load resistance:	100Ω min. (40 Ω min. SUT)	100Ω min. (14Ω min. SUT)	100Ω min. (40 Ω min. SUT)	100Ω min. (14Ω min. SUT)	100Ω min. (40 Ω min. SUT)	100Ω min. (14Ω min. SUT)	100Ω min. (40 Ω min. SUT)	100Ω min. (14Ω min. SUT)	100Ω min. (40 Ω min. SUT)	100Ω min. (14Ω min. SUT)