



## Comparison Chart

TURNTABLES	Planar 1	Planar 2	Planar 3	Planar 6	RP8	RP10
<b>Plinth</b>	sandwich-construction, high pressure acrylic laminate over melamine	sandwich-construction, high pressure acrylic laminate over medite	sandwich-construction, high pressure acrylic laminate over medite	super-lightweight aerospace Tancast polyurethane foam plinth core with Polaris HPL skin	ultra-lightweight nitrogen foamed polyolefin skeletal plinth core with phenolic skin and decoupled frame	ultra-lightweight nitrogen foamed polyolefin skeletal plinth core with phenolic skin and decoupled frame
<b>Double Bracing</b>	no	no	phenolic	phenolic	magnesium upper, phenolic lower	magnesium upper, phenolic lower
<b>Platter</b>	heavy phenolic, flywheel shape	10mm Optiwhite single-layer float glass	12mm Optiwhite single-layer float glass, polished rim	double-layer two-tone flywheel-type tinted float glass	triple-layer flywheel-type smoked float glass	CAD/CAM engineered, CNC-machined super-flywheel diamond cut ceramic oxide
<b>Tonearm</b>	RB110, two-piece aluminum arm w/ phenolic headshell, static balance, plug-n-play tracking force, auto-bias	RB220, one-piece aluminum conical arm wand, zero-tolerance bearings, auto-bias, static balance	RB330, one-piece aluminum conical arm wand, zero-tolerance bearings, dynamic balance	RB330, one-piece aluminum conical arm wand, zero-tolerance bearings, dynamic balance	RB808, one-piece aluminum conical arm wand, high precision bearings, dynamic balance	RB2000, hand polished one-piece arm wand, high-precision zero-tolerance bearings, dynamic balance, all metal construction
<b>Main Bearing &amp; Hub Assembly</b>	phenolic hub, stainless steel spindle, precision main bearing, compression-less bronze bearing well	phenolic hub, stainless steel spindle, precision main bearing, 11mm compression-less bronze bearing well	polycarbonate hub, stainless steel spindle, precision main bearing, 18mm compression-less bronze bearing well	one-piece aluminum hub w/ cold welded stainless steel spindle, precision main bearing, 18mm compression-less bronze bearing well	one-piece aluminum hub, stainless steel spindle, 18mm bronze bearing well, stainless steel thrust pad	one-piece aluminum hub, stainless steel spindle, 18mm bronze bearing well, stainless steel thrust pad
<b>Motor</b>	low-noise 24V AC single-phase brushless	low-noise 24V AC twin-phase brushless	low-noise high-spec 24V AC twin-phase brushless	low-noise high-spec 24V AC twin-phase brushless	low-noise high-spec 24V AC twin-phase brushless	very low-noise ultra high-spec 24V AC twin-phase brushless, MU metal shielding
<b>Cartridge</b>	Carbon MM included	Carbon MM included	Elys 2 MM optional	Ania MC or Exact MM optional	Apheta 2 MC or Exact MM optional	Aphelion MC or Apheta 2 MC optional
<b>Power Supply</b>	no	no	optional TT-PSU	hand-tuned Neo PSU	hand-tuned TT-PSU	custom DSP-based
<b>Dustcover</b>	yes	yes	yes	yes, tinted	yes	yes
<b>Finishes</b>	gloss black, white	gloss black, white, red	gloss black, white, red	Polaris gray	gloss black	gloss black
<b>Price</b>	\$475	\$675	\$1145 w/ Elys 2 MM, \$945 w/o cartridge	\$2195 w/ Ania MC, \$1995 w/ Exact MM, \$1595 w/o cartridge	\$4195 w/ Apheta 2 MC, \$3495 w/ Exact MM, \$2995 w/o cartridge	\$9495 w/ Aphelion MC, \$6695 w/ Apheta 2 MC, \$5495 w/o cartridge

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## Comparison Chart

CARTRIDGES	Carbon	Bias 2	Elys 2	Exact	Ania	Apheta 2	Aphelion
<b>Type (MM, MC)</b>	moving magnet	moving magnet	moving magnet	moving magnet	moving coil	moving coil	moving coil
<b>Body</b>	white plastic, closed	red plastic, closed	blue plastic, closed	yellow plastic, closed	Fortron PPS, open	aluminum, open	graded aluminum, open
<b>Weight</b>	5g	4.5g	4.75g	4.75g	6g	6g	6g
<b>Stylus</b>	conical, user replaceable	elliptical	elliptical	Vital profile, complex fine line, micro-ground	elliptical	Vital profile, nude diamond	Vital profile, nude diamond stylus rotated through 90 degrees
<b>Cantilever</b>	carbon fibre	aluminum	aluminum	aluminum	tapered aluminum	tapered aluminum	boron
<b>Generator</b>		parallel wound coils	high-spec parallel wound coils	ultra high-spec parallel wound coils	neodymium magnet, high-spec fine copper wire, floating cross, no tie-wire	neodymium magnet, high-spec fine copper wire, floating cross, no tie-wire	high power neodymium magnet, ultra high-spec very fine copper wire, floating cross (50% smaller than Apheta 2), no tie-wire
<b>Output Level</b>	2.5mV	6.8-7.2mV	6.8-7.2mV	6.8-7.2mV	.35mV	.35mV	.35mV
<b>Tracking Force</b>	1.5-3g	1.75g	1.75g	1.75g	1.75-2g	1.75-2g	1.75-2g
<b>Mounting</b>	standard 2 point	standard 2 point	3 point	3 point	3 point	3 point	3 point
<b>Input Impedance</b>	47k $\Omega$	47k $\Omega$	47k $\Omega$	47k $\Omega$	100 $\Omega$	100 $\Omega$	100 $\Omega$
<b>Output Impedance</b>					10 $\Omega$	10 $\Omega$	10 $\Omega$
<b>Channel Balance</b>					$\geq 20\mu\text{V}$	$\geq 20\mu\text{V}$	$\geq 10\mu\text{V}$
<b>Price</b>	\$65	\$165	\$295	\$595	\$795	\$1895	\$4995
<b>Trade Credit</b>	\$45 stylus	\$20	\$50	\$100	\$200	\$500	\$500

### A Few Words on Rega Cartridges-

While almost nothing Rega makes is considered conventional, their cartridges are unique in the HiFi world. 100% handmade in their own factory\* with designs fully by Rega, these lightweight cartridges are the perfect mechanical and electrical match for Rega Tonearms & Phonostages. They are crafted to extract the maximum amount of musical information from your vinyl records while offering a solution that is simple to use and easy to maintain. Enjoy!

\*There is one exception. The Carbon MM is built for Rega to their exacting specifications. This is the only product that bears Rega's name that is not made in their own factory!

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## Comparison Chart

PHONOSTAGE	Fono Mini A2D	Fono MM	Fono MC	Aria
<b>Type (MM, MC)</b>	moving magnet	moving magnet	moving coil	switchable
<b>Inputs</b>	RCA	RCA	RCA	RCA
<b>Outputs</b>	RCA, USB (16bit/44kHz)	RCA	RCA	RCA
<b>Input Loading</b>	47k $\Omega$ ; 100pF	47k $\Omega$ ; 100pF	70 $\Omega$ /100 $\Omega$ /150 $\Omega$ /400 $\Omega$ ; 1000pF/4300pF; Adj. input sensitivity	MM: 47k $\Omega$ ; 100pF MC: 70 $\Omega$ /100 $\Omega$ /150 $\Omega$ /400 $\Omega$ ; 1000pF/2000pF/3200pF/4200pF
<b>Gain</b>	40dB	40dB	63dB or 69dB	40dB (MM), 63dB or 69dB (MC)
<b>Output Impedance</b>	100 $\Omega$	100 $\Omega$	100 $\Omega$	100 $\Omega$
<b>Amplifier Design</b>			FET outputs for MC. High quality capacitors.	FET outputs for MC, bipolar outputs for MM. Fully discrete circuits for each with superb high quality capacitors
<b>AC Power Supply</b>	external 24V step-down transformer (wall wort)	external 24V step-down transformer (wall wort)	external 24V step-down transformer (wall wort)	shielded toroidal transformer with separate taps for MC, MM and front panel
<b>Case</b>	mini	small	small	half-width
<b>Price</b>	\$175	\$395	\$495 (\$50 off w/Ania MC cart)	\$1495

### Why Do I Need This?

The Phonostage (AKA phono preamplifier) is a necessary component for vinyl playback. It restores the proper full frequency response and output level of your records. Do your records sound thin, tinny and soft? You probably need a phonostage. It's possible that your amplifier/receiver has input jacks marked "phono", and in this case the phonostage is likely built in. It is still our recommendation that you use a high quality Rega phonostage instead for maximum performance with a Rega turntable and cartridge. If you are using a MC (or "moving coil") cartridge, you will almost certainly need a compatible phonostage. Happy listening!



## Comparison Chart

AMPLIFIERS	Brio	Elex R	Elicit R	Osiris Reference	Ear
Type	stereo integrated	stereo integrated	stereo integrated	stereo integrated	headphone amplifier
Inputs	(4) RCA	(4) RCA	(5) RCA, (1) direct, (1) record in	(4) RCA, (1) XLR, (1) direct in, (1) record in	RCA line in
Outputs	(1) record out	(1) pre-out, (1) record out	(1) pre-out, (1) record out	(1) record out	RCA line out
Phonostage	MM, input 1	MM, input 1	MM, input 1, switchable	none	none
Headphone Amp	yes	no	no	no	no
Power	50WPC @ 8Ω, 72WPC @ 4Ω, all channels driven	72WPC @ 8Ω, 113WPC @ 4Ω, all channels driven	105WPC @ 8Ω, 162WPC @ 4Ω, all channels driven	162WPC @ 8Ω, 250WPC @ 4Ω, all channels driven	25Ω: 775mW, 32Ω: 685mW, 50Ω: 530mW, 100Ω: 320mW, 600Ω: 60mW
VC & Preamp Design	analog VC	combined feedback/passive VC, idealized circuit layout	stepped attenuator VC, FET class A pre driver	Passive volume control, passive preamp	independent mute and volume control
Amplifier Design	Class A/B, one pair 150W Sanken Darlington output transistors in emulated class A mode	Class A/B, one pair 150W Sanken Darlington output transistors in emulated class A mode	Class A/B, two pairs 150W Sanken Darlington output transistors in emulated class A mode	high-gain Class A/B, four pairs 200W Sanken Darlington output transistors	Class A, similar design to Brio R, uses Sanken output transistors
Power Supply	single toroidal, independent supplies for high and low levels	single toroidal	single toroidal	twin 400VA toroidal	24V step-down wall wort
Remote	yes	yes	yes	yes	no
Case	half-width	full-width	full-width w/ heatsinks	reference full-width	small
Weight	13.5lbs	23.75lbs	28.6lbs	56.3lbs	
Price	\$995	\$1695	\$2995	\$9995	\$395

### Big Bang, Small Box

Rega amps punch far above their weight class, capable of driving speakers that no “small” amplifier should be able to. They all feature a unique circuit design that emulates the operation of a Class A amplifier, but without the downsides. They are sweet, open and musical, and deliver amazing grip and detail at the same time. With low impedance capability, electrostatic and planar speakers are no longer just the territory of expensive “high power” amplifiers. Those with a turntable will enjoy an optimized onboard phonostage that rivals the sound of many others external models. Rega amps have a can-do attitude that is quite endearing.



## Comparison Chart

DIGITAL	Apollo	DAC-R	Saturn R	Isis Reference
Type	top-loading CD player	digital-to-analog convertor	top-loading CD player & digital to analog convertor	top-loading CD player
Inputs	none	(1) XMOS asynchronous USB, (2) S/PDIF coax, (2) Toslink	(1) XMOS asynchronous USB, (2) S/PDIF coax, (2) Toslink	(1) 16 bit synchronous USB
Outputs	(1) line-out analog RCA, (1) digital S/PDIF RCA	(1) line-out analog RCA, (1) digital S/PDIF RCA	(1) line-out analog RCA, (1) digital S/PDIF RCA	(1) line-out balanced analog XLR, (1) line-out analog RCA
Resolution	n/a	up to 24/192 PCM	up to 24/192 PCM	up to 16/44 PCM
DAC chipset	Wolfson WM8742	twin Wolfson WM8742	twin Wolfson WM8742	twin Burr Brown PCM1794
Filters	none	3 user selectable options		
Transport	custom software improves disc reading while reducing errors	n/a	custom software improves disc reading while reducing errors	custom software improves disc reading while reducing errors
Design Features	independent power supplies for digital, analog and control; discrete output amplifier with low .00025% THD; automatic optical drive adjustment optimizes system for each disc; high quality capacitors throughout	independent power supplies for digital, analog and control; output amplifier employs a discrete differential, multiple feedback filter and output amplifier; galvanically isolated USB input; no sample rate convertor for lower jitter and noise; low jitter clock and high grade PLL; high quality capacitors throughout	larger, independent power supplies for digital, analog and control; output amplifier employs a discrete differential, multiple feedback filter and output amplifier; galvanically isolated USB input; no sample rate convertor for lower jitter and noise; low jitter clock; CD circuits are isolated from DAC section, and feature improved power supplies; automatic optical drive adjustment optimizes system for each disc; high quality capacitors throughout	independent power supplies for digital, analog and control; galvanic isolation between analog and digital via toroidal transformers; discrete Class A output circuit, fully balanced from DACs out; automatic optical drive adjustment optimizes system for each disc; custom PLL allow for better CD data recovery; 10 separate power supply regulators; high quality capacitors throughout; automatic optical drive adjustment optimizes system for each disc
Power Supply	toroidal	toroidal	toroidal	twin toroidal
Remote	yes	yes	yes	yes
Case	half-width	half-width	full-width	reference full-width
Price	\$1095	\$1195	\$2995	\$10,995 w/ tube buffer, \$9995 w/o

### Digital that is Music to the Analog Ear

Never one to just settle, Rega was notoriously late to the CD Player party. Regardless, their first player turned the digital world on it ear. Since that point, Rega has hunted down the sources of errors, noise, and jitter- the common distortions that make digital hard and aggravating. Rega is heavily invested in developing new designs that expand the capabilities of digital playback, giving them the reputation of making “analog-like” digital sound. Almost 20 years after their first CD player, they have sold multiple tens of thousands of fine digital components to an equal number of adoring fans!

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## Comparison Chart

Speakers	RX1	RX3	RX5
<b>Type</b>	bookshelf	floor-standing	floor-standing
<b>System</b>	2-way; reflex port, rear	2.5-way; bandpass port, front	2.5-way; bandpass port, front
<b>Drivers</b>	Rega-designed and built 1" ZRR soft-dome tweeter and 5" DX125 doped paper-coned woofer	Rega-designed and built 1" ZRR soft-dome tweeter, 5" DX125 doped paper-coned woofer and side firing 5" RR125.8 woofer	Rega-designed and built 1" ZRR soft-dome tweeter, 5" DX125 doped paper-coned woofer and side firing 8" RR7.8 woofer
<b>Impedance</b>	8Ω nominal	6Ω nominal	6Ω nominal
<b>Power Handling</b>	80 watts continuous	100 watts continuous	110 watts continuous
<b>Sensitivity (1 watt/1 meter)</b>	89dB	89dB	89dB
<b>Weight (ea)</b>	5.8Kg (12.75 lbs.)	11.5Kg (25.3 lbs.)	16.6Kg (36.5 lbs.)
<b>Dimensions (inches)</b>	13.5" H x 6.8" W x 10.25" D	31.5" H x 6.3" W x 10.25" D	33" H x 7.25" W x 13.5" D
<b>Finishes</b>	black ash, natural cherry, walnut	black ash, natural cherry, walnut	black ash, natural cherry, walnut
<b>Price</b>	\$1295/pr	\$1995/pr	\$2995/pr

### A Full System Approach

You may have noticed that Rega has embraced the ideal of making engineered solutions that are designed to work perfectly together. They do so from turntable to speaker, and everything in between. Their speakers are beautiful and durably built, and an ideal match to partnering Rega electronics. Using unique Rega designed drivers, cabinets and crossovers, they aren't "just" speakers. They perform wonderfully, capturing the essence of the Rega sound that makes the company iconic. Easy to position in any room, these compact speakers will provide years of listening pleasure, free from "did I buy the right thing" worries.

ORGANISATION

