



SA50, SA60, X05 AND X03SE AUDIO DISC PLAYER COMPARISON

COMMON FEATURES (Features, pricing and specifications subject to change without notice).

Model: >	SA50	SA60	X05	X03SE
Primary application	2ch CD/SACD player, stand alone D/A converter, re-clocker and digital pre-amp. Great for PC based audio playback of hi-res. audio files	2ch CD/SACD/DVD-A and multi-channel dedicated player for high end audio enthusiast.	2 channel CD/SACD dedicated player for audiophile applications	2 channel CD/SACD dedicated player for reference class audio playback
Mechanism type (Proprietary)	VOSP Vertically aligned optical stability platform	VOSP Vertically aligned optical stability platform	VRDS - VMK-5 Vibration free rigid disc clamping system	VRDS - VMK-3 (03 series class) Vibration free rigid disc clamping system
Mechanism materials (Proprietary)	ABS and metal. Metal bridge.	ABS and metal. Metal bridge.	BMC for tray and frame with a hybrid steel bridge. BMC is a compound of glass, resins and carbon fibers. Stronger and denser than any ABS type. Metal surround and metal framing. BMC = Bulk molded compound	Full die cast aluminum and steel assembly. Steel bridge Coreless, brushless motor
Coreless motor + steel bridge	No	No	No	Yes
Disc clamp	Partial clamping. ABS/metal frame ABS tray	Partial clamping. ABS/metal frame ABS tray	Full size, aluminum and polycarbonate clamping to BMC tray	Full size, full duralumin clamping on aluminum tray
Firewire (IEEE1394)	No	Option	Option	Yes
USB input (PCM input)	Yes	No	No	No
Digital inputs	S/PDIF and optical	No	No	No
DVD-A compatible	No	Yes	No	No
Dedicated 2 ch. outputs	Yes	Yes	Yes	Yes
SACD/CD capable	Yes	Yes	Yes	Yes
SACD playback mode	DSD native	DSD native	DSD native	DSD to PCM up converted to 88.2 kHz.
SACD multi-channel capable	No	Analog and digital	Digital only	Digital only
Internal DACs	AKM 32 bit / dual mono (1 chip per channel).	Cirrus Logic CS4398 x 1 per ch. 1, additional CS4398 for multi-ch. decoder board	Cirrus Logic CS4398 x 2 per ch. Dual mono	Burr Brown 1704 x 2 per ch. Dual mono
Up-conversion	32 bit/174/192 kHz and DSD	24 bit/192 kHz	24 bit/192 kHz	24 bit/96 kHz
Center mount transport	Yes	Yes	Yes	Yes
Off axis error correction	None required due to pickup design	None required due to pickup design	None required due to pickup design	None required due to pickup design
Native DSD	Yes	Yes	Yes	No
PCM to DSD conversion option	Yes	Yes	No	No
Multi-channel analog outputs	No	Yes	No	No
Anti-resonance design	Metal isolation	Metal isolation	Steel and aluminum isolation	Steel and aluminum isolation
True balanced output	Yes, 2 ch.	Yes, 2 ch.	Yes, 2 ch.	Yes, 2 ch.
Optical pickup	P-03 series	P-03 series	P-03 series	P-03 series
Power supplies	Single / Custom design	Single / Custom design	Single / large toroidal / custom design	Dual isolated supplies/digital + analog, custom designs
Word SYNC input	Yes	Yes	Yes	Yes
Internal wiring	Below 6N copper	Below 6N copper	Below 6N copper	6N copper
WBT output terminals	No	No	No	Yes
Capacitors and resistors	Below P-01 grade	Below P-01 grade	Below P-01 grade	P-01 grade
Colors available	Silver	Silver	Silver or Black	Silver
Weight (without packing)	31 lbs	31 lbs	39 lbs	42 lbs
MSRP	\$ 4,995.00	\$ 4,995.00	\$ 5,995.00	\$ 8,195.00
Warranty	3 years parts and labor upon registration	3 years parts and labor upon registration	3 years parts and labor upon registration	3 years parts and labor upon registration