ESOTERIC

Product specifications and pricing are subject to change without notice

Issue date: 05 29, 2009

* = Assumes operation with DAC
ADC = Analog to digital converter
AP = Audio Player
AT = Audio Transport
AVP = Audio Video Player
AVT = Audio Video Transport
B = Balanced outputs

C = Component video outputs
CMC = Crystal Mater Clock
Cx = Coax digital output
DAC = Digital to Analog Decoder Mono
DACS = Digital to Analog Decoder Stereo
DAMC-DAC = Digital Amp+Master Clock+D/A converter
DDC = Digital to Digital Conversion

DLPSP = Direct line phonostage pre-amp
LSPSS = Line stage Pre-amp/Solid state
CASSA = Class A power amp/Solid state
DRC = Digital re-clocking

TTP-ID= Tube-Triode (Proprietary). Integrated & direct output modes. Class A/B push/pull
DSD = Direct Stream Digital
DVI = Digital video output
HDMI = HD multimedia interface
MCAA = Mono-Block Class A/B Amplifier
NA = Not Applicable / Does not apply
O = Optical audio output
PCM = Pulse Code Modulation

PU/MC = PCM Up Converter/Master Clock Combo
R = RCA video output connector
RMC = Rubidium Master Clock
S = S video output
U = Unbalanced outputs
VOSP = Vertically aligned optical stability platform with X-3 series optics
VRDS-Neo = Vibration free rigid disc clamping system

Model	Amps. Category	Dedicated 2 ch. high quality analog audio output (or outputs)	Audio players SACD playback and decoding method used	DVD-A play- back	DVD-V playback	PCM to DSD option	Transport type	WORD clock input	DAC configurations Internal DACs used and DAC configurations by model and by channel	Program track playback	Esoteric audio up conversion	Digital audio multi-channel outputs	Analog audio multi-channel outputs	Audio Video players Max. high def. ("HD") scan resolutions w/HDMI "EXP" mode + 14 bit processing	Digital video connector type	RS232	3 year parts & labor warranty upon product registration
Audio Disc Players																	
SA-10	AP	U + B	Yes/DSD	No	No	No	VOSP	Yes	CS4398 [24bit /192kHz] x 2 (1 x 2ch)	Repeat only	Yes	Cx+O	2 ch only	NA	NA	No	Yes
SZ-1	AP	U + B	Yes/DSD	No	No	No	VOSP	Yes	CS4398 x 1 (2 out/chip=2ch)	Repeat only	Yes	i.LINK+Cx+O	2 ch only	NA	NA	No	Yes
SA-50 includes digital inputs for S/PDIF, optical (TosLink) and USB/PCM data streaming	AP-DACS DRC	U + B	Yes/DSD	No	No	Yes + DSD>PCM	VOSP	Yes	AKM4392 32 bit chipset (1 chip per ch x 2 ch). USB, S/PDIF and optical (TosLink) inputs.	Yes	Yes to 192 kHz and to DSD	Cx+O	2 ch only	NA	NA	No	Yes
SA-60	AP	U + B	Yes/DSD	Yes	Audio only	Yes	VOSP	Yes	CS4398 x 3 (2 out/chip=5.1 ch	Repeat only	Yes	Cx+O	Yes	NA	NA	No	Yes
X-05	AP	U + B	Yes/DSD	No	No	No	VRDS-MK/V	Yes	CS4398 x 4 (2 x 2 ch)	Repeat only	Yes	Cx+O+i.LINK Option	2 ch only	NA	NA	No	Yes
X-03SE	AP	U + B	Yes/PCM	No	No	No	VRDS-Neo	Yes	PCM-BB1704 [24bit/ 176.4kHz] x 4 (2 x 2 ch)	Yes	Yes	i.LINK+Cx+O	2 ch only	NA	NA	No	Yes
X-01D2	AP	U + B	Yes /DSD + PCM (4 DACs per ch.).	No	No	Yes + DSD>PCM	VRDS-Neo	Yes	PCM-BB1704 x 8 (4 x 2 ch) + DSD/AD1955 x 6 (1 x 5.1 ch)	Yes	Yes	i.LINK+Cx+O	Yes	NA	NA	No	Yes
Audio Video Disc Players																	
UZ-1	AVP	U	Yes/DSD	Yes	Yes	No	VOSP	Yes	CS4398 x 1 (2 out/chip=2ch)	Repeat only	Yes	i.LINK+Cx+O	2 ch only	720p/1080i	HDMI v1.1	No	Yes
DV-60	AVP	U + B	Yes/DSD	Yes	Yes	Yes	VOSP	Yes	CS4398 x 3 (2 out/chip=5.1 ch	Repeat only	Yes	Cx+O	Yes	720p/1080i/1080p	HDMI v1.1	Yes	Yes
UX-3Pi	AVP	U + B	Yes/PCM	Yes	Yes	No	VRDS-Neo	Yes	PCM-BB1704 x 4 (2 x 2 ch)	Yes	Yes	i.LINK+Cx+O	2 ch only	720p/1080i/1080p	HDMI v1.3	Yes	Yes
UX-1Pi	AVP	U + B	Yes/PCM	Yes	Yes	No	VRDS-Neo	Yes	BB1704 x 4 (2 x 2 ch) + 1704 x 4 (1 x 3.1 ch)	Yes	Yes	i.LINK+Cx+O	Yes	720p/1080i/1080p	HDMI v1.3	Yes	Yes
Disc Transports																	
P-01*	AT	U + B	Yes/DSD w/D-03	No	No	NA	VRDS-Neo	Yes	NA/Transport	Yes	Yes	iLINK+B+Cx	NA	NA	NA	No	Yes
P-03*	AT	U + B	Yes/DSD w/D-03	No	No	Yes	VRDS-Neo	Yes	NA/Transport	Yes	Yes	iLINK+B+Cx	NA	NA	NA	No	Yes
P-03 UNI *	AVT	U + B	Yes/DSD w/D-03	Yes	Yes	Yes	VRDS-Neo	Yes	NA/Transport	Yes	Yes	iLINK+B+Cx	NA	720p/1080i/1080p	HDMI v1.1	Yes	Yes
P-05 *	AT	U + B	Yes/DSD w/D-05	No	No	NA	VRDS-Neo	Yes	NA/Transport	Repeat only	Yes	iLINK+B+Cx	NA	NA	NA	No	Yes
Digital to Analog Converters																	
D-01	DAC	U + B (one)	Yes/PCM (8 DACs per. Ch.).	NA	NA	No	NA	Yes + Out	PCM-BB1704 x 8/ch.	NA	Yes	Mono	U + B only	NA	NA	No	Yes
D-03	DACS	U + B	Yes/DSD & PCM	NA	NA	No	NA	Yes + Out	1 bit/PCM-DSD/AD1955 x 1 ch(dual mono)	NA	Yes	iLINK	2 ch only	NA	NA	No	Yes
D-05	DACS/32 bit	U + B	Yes/DSD & PCM	NA	NA	Yes	NA	Yes + Out	32 bit/PCM/DSD AKM4397 x1/ch (dual mono)	NA	Yes	iLINK	2 ch only	NA	NA	No	Yes
Integrated Amplifiers, Mono-block Amplifier, Phono Stage, Pre-amplifier and Class A amplifier. ** Note: A-100 (3 stage tube amp). can operate in direct mode or integrated mode.																	
AZ1	DAMC-DAC	NA (input=U)	NA	NA	NA	NA	NA	Out only	Yes	NA	NA	NA	NA	NA	NA	No	Yes
AI10	DAMC-DAC	NA (input=U+B)	NA	NA	NA	NA	NA	Out only	Yes	NA	NA	NA	NA	NA	NA	No	Yes
A70/A80	MCAA	NA (input=U+B/Spkr.Lvl)	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	Yes
E03	DLPSP	Phono out x 2 + Demag.	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	Yes
C03	LSPSS	U x 2 + B x 1 (input = U x 3 + B x 2)	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	Yes
A03	CASSA	1 pr. spkr. out 4-8 ohms. (input = U x 1 + B x 1)	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	Yes
A100 **	TTP-ID	8 ohm + 4 ohm spkr. out (input = U x 4 + B x 1)	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	Yes
Master Clock Generators																	
G25U clock	PU/MC	Clock accuracy to +/- 1 ppM		NA	NA	NA	NA	Out. (3)	DDC	NA	Yes	Cx+O	NA	NA	NA	No	Yes
G-03X	CMC	Clock accuracy to +/- .1 ppm		NA	NA	NA	NA	Out. (3x2)	NA	NA	NA	NA	NA	NA	NA	No	Yes
G-0Rb	RMC	Clock accuracy to +/- .05 ppB (.00005 ppM).	NA		NA	NA	NA	Out. (3x2)	NA	NA	NA	NA	NA	NA	NA	No	Yes