



		RS201A/E	RS150	
Model NO.				
Model Name		Professional HiFi Network Streamer	High Performance Network Streamer	
Display		8.8 TFT LCD & Capacitive Touch Screen(MIPI-DSI)	14.9-inch-Wide HD IPS Touch Screen LCD	
OS		Customized Android 7.1 based Rose OS	Customized Android 7.1 based Rose OS	
Size		278(W) x 202(D) x 76(H) mm	430(W) x 316(D) x 123(H) mm	
Weight		2.3kg	13 kg	
Audio	Supported Codec	MQA, WAV, FLAC, WMA, MP3, APE, DFF, DSF, AAC, CDA, AMR, APE, EC3, E-EC3, MID, MPL, MP2, MPC, MPGA, M4A	MQA, WAV, FLAC, AIFF, WMA, MP3, OGG, APE, DFF, DSF, AAC, CDA, AMR, APE, EC3, E-EC3, MID, MPL, MP2, MPC, MPGA, M4A	
	Supported Sampling rate	PCM : 8KHz~384KHz(8/16/24/32bit) Native DSD: DSD64(2.8MHz)/ DSD128(5.6MHz)/ DSD256(11.2MHz)	PCM : 8KHz~768KHz(8/16/24/32bit per Sample) Native DSD: DSD64(2.8MHz)/DSD128(5.6MHz)/ DSD256(11.2MHz)/ DSD512(22.5792Mhz)	
	Power AMP	THD+N Measure	Balanced 0.006% @ 1kHz	No
		THD Measure	Balanced 100dB @ 1kHz	No
	Pre-out	THD+N Measure	Pro-out Unbalanced 0.006% @ 1kHz	Unbalanced 0.0005% @ 1kHz Balanced 0.0003% @ 1kHz
		THD Measure	Pre-out Unbalanced 0.005% @ 1kHz	Unbalanced 0.0003% @ 1kHz Balanced 0.0002% @ 1kHz
S/N Ratio		Pre-out Unbalanced 108dB @ 1kHz	Unbalanced 117dB @ 1kHz Balanced 120dB @ 1kHz	
Video		ASF, AVI, MKV, MP4, WMV, MPEG-1, MPEG-2, MPEG-4 H.263, H.264, H.265, VC-1, VP9, VP8, MVC H.264/AVC, Base/Main/High/High10 profile@level5.1 up to 4Kx2K@30fps H.265/HEVC, Main/Main10 profile@ level 5.1 High-tier up to 4Kx2K@60fps	ASF, AVI, MKV, MP4, WMV, MPEG-1, MPEG-2, MPEG-4 H.263, H.264, H.265, VC-1, VP9, VP8, MVC H.264/AVC, Base/Main/High/High10 profile@level5.1 up to 4Kx2K@30fps H.265/HEVC, Main/Main10 profile@ level 5.1 High-tier up to 4Kx2K@60fps	
H/W	CPU	Hexa Core CPU Dual-core Cortex-A72 up to 1.8GHz Quad-core Cortex-A53 up to 1.4GHz	Hexa Core CPU Dual-core Cortex-A72 up to 1.8GHz Quad-core Cortex-A53 up to 1.4GHz	
	Memory	LPDDR3 4GByte	LPDDR3 4GByte	
	DAC	Sabre Reference 32 Bit High Performance DAC	Asahi Kasei Flagship VERITA AK4499EQ	
	GPU	Mali-T864 GPU, OpenGL ES 1.1/2.0/3.0/3.1, OenVG1.1, OpenCL, DX11	Mali-T864 GPU, OpenGL ES 1.1/2.0/3.0/3.1, OenVG1.1, OpenCL, DX11	
	Oscillator	Highly Precise Femto Clock	Highly Precise Femto Clock	
	Analogue tuner	No	No	
Network Connectivity	Bluetooth	Bluetooth supported (A2DP Sink, AVRCP v1.3)	External USB BT/WiFi Dongle supported. (A2DP Sink, AVRCP v1.3)	
	WiFi	802.11b/g/n/a/ac (2.4GHz/5GHz)	External USB type WiFi Dongle supported	
	Ethernet	10/100/1000 Base-T (1Port)	10/100/1000 BASE-T(1Port)	
I/O Port	Digital In	Optical (1 port)	Optical (1 port), AES/EBU x 1, HDMI ARC x 1, COAX x 1, USB Audio	
	Digital Out	Optical (1 port)	Optical x 1, COAX x 1	
	Analog In	Line-IN x 1	Line-IN x 1	
	Analog Out	Pre-out(Unbalanced RCA x 1)	Pre-out (Full-balanced XLR x 1, Unbalanced RCA x 1), I2S-DVI x 1,I2S-RJ45 x 1, AES/EBU x 1,	
	Speaker Out	120W, Balanced 120W(PMPO) / 80W(10%) _ 8Ω	No	
	Headphone Out	Yes, Connection for 3.5mm headphones, Unbalanced 1Vrms	No	
	DAC Input	Yes	Yes	
	HDMI	HDMI 2.0x 1 (up to 3840 x 2160 / 60Hz)	HDMI 2.0x 1 (up to 3840 x 2160 / 60Hz)	
	USB 2.0/3.0/ MicroSD/C/ SSD	USB 2.0 x 1, USB3.0 x 1 (NTFS/FAT32), MicroSD x 1 (NTFS/FAT32), USB C type x 1 (Only for service), SATA3.0 SSD x 1(NTFS, Supported protocol - FTP/ WebDav)	USB3.0 x 2 (NTFS/FAT32), MicroSD x 1 (NTFS/FAT32), USB C type x 1 (Only for service), SATA3.0, SSD x 1(NTFS, Supported protocol - FTP/ WebDav), USB WiFi/BT Dongle	
CD Ripping		Yes, but with external CD drive	Yes, but with external CD drive	
Supported In-app		Tidal, RoseTube, Internet Radio, Music, Video, Rose Podcast, Clock, Settings, RoseStore, In/Out Setting	Tidal, RoseTube, Internet Radio, Music, Video, Rose Podcast, Clock, Settings, RoseStore, In/Out Setting	
Streaming from NAS		Yes	Yes	
Supported Storage	SSD	4TB	4TB	
	HDD	10TB	10TB	
	USB/MicroSD	400GB	400GB	
Roon Support		Roon Ready	Roon Ready	
Network Protocols Supported		Airplay / DLNA Service/ SMBv1/ SMBv2/ FTP/ WebDav/ NTFS/ eXfat/ FAT32	Airplay / DLNA Service/ SMBv1/ SMBv2/ FTP/ WebDav/ NTFS/ eXfat/ FAT32	
Power Source		AC/DC Power Adaptor In : AC100-240V,50/60Hz Out : DC 24V, 5.0A	Input Voltage : AC100-230V 50/60Hz, Input Power : 55W	
Housing		High-quality anodized aluminum front-top with modern sense	Milled from Solid Block of High Purity Aluminum, Minimizing Vibrations and Noise.	
Update		SW update via internet, manual update via USB	SW update via internet, manual update via USB	