

NEWCASTLE

2007 Receivers



Newcastle R-872

HDMI 1.3



XM Connect and Play



Video scaled to 1080p



Automatic Audio Set-up



DTS Master Audio HD



A/V Synch Delay by input



Dolby TruHD



RS-232 Control/Upgrade



RF Remote Control



Multi-Source, Multi-Zone



Advanced Room Correction



Installer Memory





R-972



R-772/R-672



R-872

Key Features

	R-972	R-872	R-772	R-672
• Watts per channel in Stereo Mode	100 x 2	100 x 2	100 x 2	100 x 2
• Watts per channel in Surround Mode	100 x 7	100 x 7	100 x 7	100 x 7
• THD, 20 Hz-20 kHz, 8 ohms, Stereo Mode	0.05%	0.05%	0.05%	0.05%
• HDMI 1.3	■	■	Switching & PCM Audio	Switching, only
• DTS Master Audio HD	■	■	PCM	--
• DTS 96/24; Neo 6 Cinema & Music	■/■	■/■	■	■
• Dolby Tru HD	■	■	PCM	--
• ProLogic II; Virtual Speaker; Headphone	■/■/■	■/■/■	■/■/■	■/■/■
• PCM 96 kHz Multichannel; 192 kHz Stereo	■/■	■/■	■/■	96 kHz Stereo
• Scales analog video to 720p; 1080i; 1080p	■/■/■	■/■/■	--	--
• Converts HDMI video to Analog	■	■	--	--
• Universal Video™	■	■	■	■
• XM Radio "Connect and Play"	■	■	■	■
• XM Neural Surround	■	■	■	--
• On Screen Display	Graphical Interface	Alphanumeric	Alphanumeric	--
• Upgradeable Firmware	■	■	■	--
• RS-232 Serial Input/USB Input	■/■	■/■	■	--
• Direct Analog input (number of channels)	8	8	8	8
• 24-bit A to D and D to A converters	■	■	■	■
• Optical/Coaxial digital inputs	5/2	4/2	2/2	2/2
• Optical Digital Output	■	■	■	■
• Independent Room 2 A/V Output	■	■	■	--
• Independent Room 3 A/V Output	■	--	--	--
• Dolby Virtual Speaker to Zone 2	■	--	--	--
• On-Screen Display from AllVideo Outputs	■	■	■	--
• RF & IR Learning Multibrand Remote	■	■	■	--
• IR remote control	--	--	--	■
• A/V Synch Delay by input (0 to 150 mS)	■	■	■	■
• Automatic Speaker Setup with included mic	■	■	■	■
• SNAP Room EQ™	--	■	■	Dual Point™
• Trinnov Optimizer Advanced Room EQ	■	--	--	--

Audio/Video Features

• 32-bit Digital Signal Processor	TI DA-710 & 708	CS-49700	CS-49700	TI DA-607
• DSP Modes	8	8	8	3
• Digitally Re-Master PCM to 96 kHz/24-Bit	■	■	■	■
• 12-Volt Trigger	1	1	1	--
• Pre-amp Outputs, L,C,R,LS,2 CS,RS, Sub	■	■	Subwoofer	Subwoofer
• Rear Panel A/V Inputs (w/S & composite)	5/3	4/3	4/3	3/2
• HDMI Input and Output	4 /1	4 /1	2 /1	2 /1
• 100 MHz Component Video In/Out	3/1	3/1	2/1	2/1
• Audio Inputs/out (including tuner)	9/3	8/2	8/2	8/2
• Front Panel A/V Input /with toslink	■/■	■/■	■/--	■/--
• Front Panel MP3 Audio Input	■	■	■	■
• Independent Video Record Out Selector	■	--	--	--
• Automatic 7.1 to 5.1 + stereo operation	■	■	■	■
• Quadruple Independent Crossovers	■	■	■	■
• Built-in Biamp Capability	■	■	■	■
• "Installer Custom Memory"	■	■	■	--
• IR in and out	■	■	■	--
• Programmable Video Input Labeling	■	■	■	--
• Cinema EQ	■	■	■	■

Tuner Features

• 4-Gang Quartz PLL Synthesized Tuning	■	■	■	3-gang
• XM Connect & Play with 30 presets	■	■	■	■
• Preset Scan	■	■	■	■
• 30 Station Presets (Random)	■	■	■	■
• 30 XM Station presets (w/subscription)	■	■	■	■

