

## NEWCASTLE R-872 AV RECEIVER



Premium High Definition A/V Receiver

### SPECIFICATIONS

Amplifier	
Power Output - Stereo	100W x 2 (20Hz-20kHz, THD 0.08%) @ 8 Ohm
Power Output - Surround	120W x 7 (1kHz, THD 0.07%) @ 8 Oh
THD	0.05%
Input Sensitivity/Impedance	200mv Line (CD, Tape, Video @ 47k Ohm)
S/N Ratio	98dB
Tone Controls	Bass (100Hz) +/- 10dB Treble (100Hz) +/- 10dB
Cinema EQ	Yes - Front, -1.8db @ 1kHz, -4.5db @ 10kHz
Frequency Response	Line (CD, Tape, Video) 10-100kHz, -3dB Subwoofer 40, 60, 80, 100, 120Hz
FM Tuner	
Frequency Range	87.5-108.0MHz
RDS Function	RDS, PTY, TP Search PS, RT, CT
Usable Sensitivity (Mono)	12.8dBf
46dB Quieting Sensitivity	Mono 20.2dBf Stereo 45.3dBf
S/N Ratio (65dBf)	Mono 70dB Stereo 65dB
THD (65dBf, 1kHz)	Mono 0.5% Stereo 0.8%
Frequency Response	20Hz-15kHz, +/- 1.0dB
Stereo Separation	1kHz, 42dB
AM Suppression Ratio	45dBf, 60dB
Channel Sensitivity	98MHz, +/-400kHz, 65dB

<b>Image Rejection Ratio</b>	78dB
<b>IF Rejection Ratio</b>	120dB
<b>Spurious Rejection Ratio</b>	75dB
<b>AM Tuner</b>	
<b>Frequency Range</b>	520-1710kHz
<b>Usable Sensitivity</b>	400uV/m, 500uV
<b>THD</b>	400Hz, 30% Modulation, 0.01%
<b>S/N Ratio</b>	40dB
<b>Frequency Response</b>	80Hz-2.3kHz
<b>Image Rejection Ratio</b>	33dB
<b>Selectivity</b>	25db
<b>Video</b>	
<b>Signal Readout System</b>	-
<b>Input Sensitivity</b>	75 Ohm, 1Vp-p
<b>Output Level</b>	75 Ohm, VCR/Monitor Out, 1Vp-p Composite, 1Vp-p S-Video, 1Vp-p/0.286Vp-p Component Video Cr, 0.5Vp-p Component Video Cb, 0.5Vp-p Component Video Y, 0.5Vp-p
<b>Frequency Response</b>	Composite Video/S-Video, 10Hz-6MHz ( /- 2dB) Component Video, DC-40MHz
<b>Crosstalk</b>	50db (1MHz)
<b>General</b>	
<b>Dimensions (W x H x D)</b>	440 x 169 x 380mm
<b>Weight</b>	15.6kg

\*Specifications are subject to change and or improvement without notice.