

Service Manual

AV Processor

Amplifier



SH-AV500

Colour

PG - Black



Area

Suffix for Model No.	Area	Colour
(C)	Europe	(PG)
(CB)	Britain	
(CC)	Germany and Italy	

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Specifications (DIN 45 500)

■ MAIN AMPLIFIER SECTION

Power output at the Dolby Pro Logic operation

DIN 1kHz (T.H.D. 1%)

Center	40 W (8 Ω)
*2 Surround	40 W (8 Ω)
	40 (8 Ω)
Damping factor	
Load impedance	
Center	8 - 16 Ω
Surround	4 - 16 Ω

■ PRE AMPLIFIER SECTION

Input sensitivity/impedance

VCR1, TV, VIDEO CD/VDP, GAME/VCR2, AUX/CD 150 mV/22 kΩ

S/N (PRE OUT terminate)

VCR1, TV, VIDEO CD/VDP, GAME/VCR2, AUX/CD 75 dB (90 dB, 1 kHz 160)

Frequency response (PRE OUT terminate)

VCR1, TV, VIDEO CD/VDP, GAME/VCR2, AUX/CD 15 Hz - 40 kHz, (±3 dB)

Output voltage

VCR 1 OUT 150 mV

SUB WOOFER OUT 200 mV

PRE OUT 8 V

Channel balance

(200 Hz - 5.3 kHz, PRE OUT terminate) ±1 dB

Channel separation (1 kHz, PRE OUT terminate) 50 dB

■ VIDEO SECTION

Output voltage at 1 V input (unbalanced)

1 ± 0.1 Vp-p

Maximum input voltage

1.3 Vp-p

Input/output impedance

75Ω (unbalanced)

■ GENERAL

Power consumption

120 W

Power supply

For (C) and (CC) area

50 Hz/60 Hz AC, 230 V

For (CB) area

50 Hz/60 Hz AC, 230 V - 240 V

Dimensions (W x H x D)

430 x 135 x 352 mm

Weight

5.8 kg

Notes:

1. Design and specifications are subject to change without notice. Weight and dimensions are approximate.
2. Total harmonic distortion is measured by the digital spectrum analyzer.
3. *2 Surround speakers' total impedance

WARNING

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web in the diagram below you can see the absorption spectra of three key pigments in photosynthesis chlorophyll a chlorophyll b and β carotene the set of wavelengths that a pigment doesn't absorb are reflected and the reflected light is what we see as color

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web arrange the colors in the absorption spectrum of chlorophyll in order of their visibility put the most visible color first green yellow orange red violet blue 9 12 below is a bar graph of the percentage of light energy reflected by chlorophyll it was derived from the chlorophyll absorption spectrum

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