

AV8003 NETWORKING AV PREAMP/PROCESSOR

FEATURES

MULTICHANNEL/SURROUND

Number of Channels	7.1 channels
THX	ULTRA2
DTS (ES, Discrete 6.1/ Matrix 6.1, Neo-6)	(DTS HD Master Audio)
Dolby Digital EX	(Dolby TrueHD)
Dolby Pro Logic IIx	•
Circle Surround II	•
SOUND ENHANCEMENTS	
HDCD Decoder	•
Current Feedback Topology	-
Discrete Amplification	-
Power Transformer	Toroidal
D/A Conversion	192kHz/24bit
Digital Signal Processing	TI 32bit
Video Off	•
Source Direct	(also Pure Direct)
Chassis	Copper Plated
Variable X-over	•
Display Off	•
Video Up-conversion	•
Auto Calibration	Audyssey MultEQ
XM/Sirius-Ready	•
AM/FM tuner	Analog AM/FM + HD Radio
Bass management	•
Lip-sync (digital audio delay)	•
Software Upgradable	•

IN/OUTPUTS

VIDEO

HDMI In	4
Component In	4
S-Video In	4
Composite In	4
HDMI Out	2 (Discrete Commands for each output)
Component Out	2
S-Video Out	3 (incl. Monitor Out)
Composite Out	4 (incl. Monitor Out&Multi Zone Out)

AUDIO

Analog L&R In	Balanced: x1 (CD), Unbalanced: x6 (incl. CD(Exclusive use))
Analog L&R Out	4
Digital Optical In	3
Digital Coaxial In	3
Digital Optical Out	1
Digital Coaxial Out	1
Other	-

IN/OUTPUTS (continued)

OTHER

Pre-Amplifier Out	Balanced: 7.1ch x1, Unbalanced: 7.1ch x1
Main Amplifier In	-
Multi-Channel In	Unbalanced: 7.1ch x1set
Multi-Room Audio Out	Analog L/R x2
Multi-Room Video Out	Component x1, Video x1
Multi-Room Speaker Out	-
Speaker A/B	-
Networking	-
External control	•
DC Triggers	2
D-Bus Remote (RC-5) In/Out	•
Flasher In/IR Receiver In/Emitter out	1/1
Front Panel A/V Inputs	-
Headphone Out	(Dolby Headphone)
AC Outlets (Switched/Unswitched)	-

SPECIFICATIONS

AUDIO SECTION

Power Output (8 Ohm)	-
S/N Ratio	105dB (Analog Input, Pure Direct Mode)
Freq. Response (Analog In)	8Hz - 100kHz (+/- 3 dB, Pure Direct Mode)
Freq. Response (Dig In)	8Hz - 45 kHz (+/- 3dB, 96kHz PCM)

TUNER SECTION FM

Frequency Range	87.5 - 107.9 MHz
S/N Ratio (Mono/Stereo)	75/70dB

TUNER SECTION AM

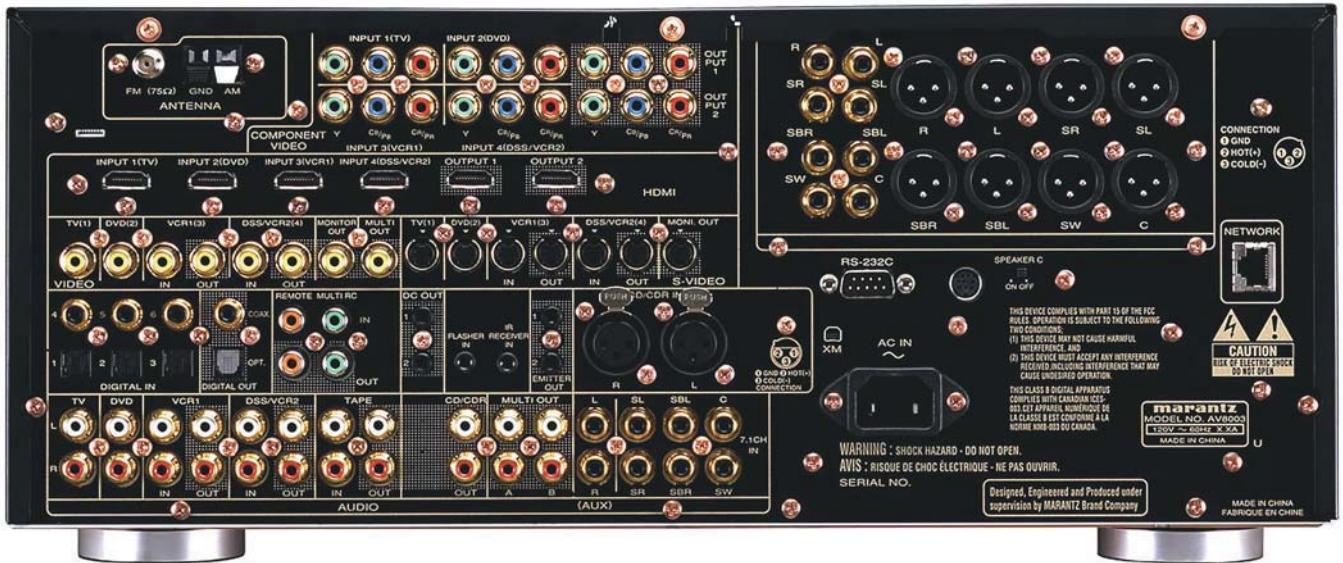
Frequency Range	530 - 1710 kHz
S/N Ratio	50dB

VIDEO SECTION

Video Freq. Response (Component)	5Hz - 100MHz (-3dB)
Video Freq. Response (Composite, S-Video)	5Hz - 8MHz (-1dB)
Signal to Noise	60dB

GENERAL

Color	Black
Front Panel	Aluminum
Remote Control	RC2001 (Main Zone) + RC101 (Multi Zone)
Power Requirement	AC 120V 60Hz
Power Consumption	85W
Dimensions W" x H" x D" (Inches)	17-5/16 x 7-5/16 x 15-3/16
Weight (lbs)	25.6



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*All specifications, dimensions and weights are subject to change without notice.

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