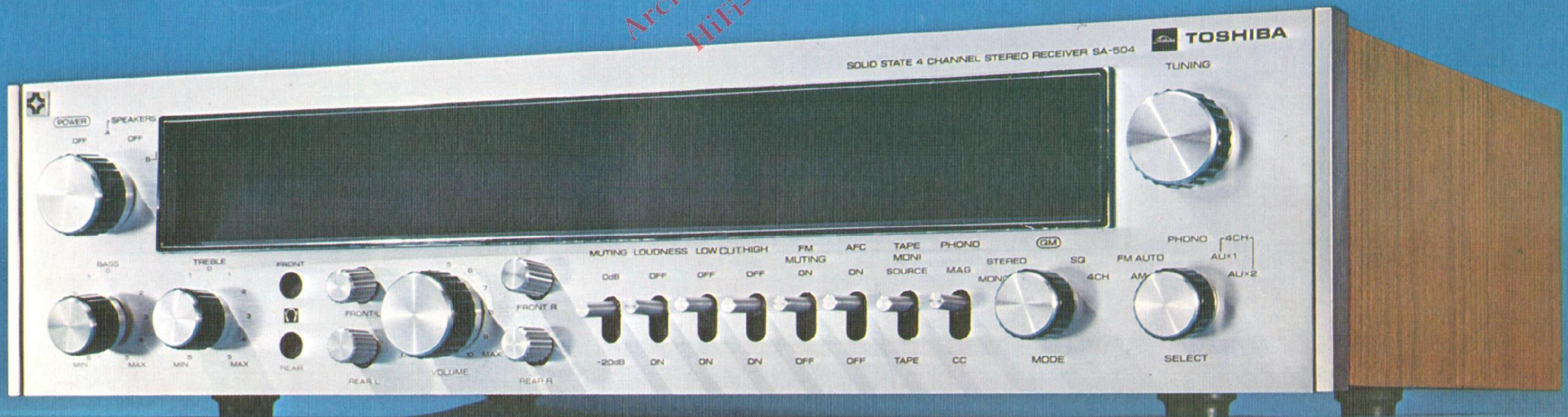


4 CHANNEL STEREO RECEIVER SA-504

• 30W x 4 (r.m.s., 8Ω, 0.4%), 4-channel FM/AM/FM stereo receiver • BTL circuit (r.m.s., 53W x 2,8Ω, 0.4%) • ITL-OTL-OCL pure complementary symmetry circuit • MOS FET's FM front end • 4-gang linear frequency FM tuning condenser and tuned RF AM section • Built-in condenser cartridge equalizing circuit • Built-in QM and SQ 4-channel matrix decoder • CD-4 4-channel adaptor terminal • Black dial • Natural walnut cabinet



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4 CHANNEL STEREO RECEIVER SA-504

SPECIFICATIONS

GENERAL

Tuning range:	FM/FM-ST; 88-108 MHz AM; 530-1,605 kHz
Power source:	AC 100/120/220/240V, 50/60 Hz
Control:	Total volume control (4-gang co-axial)
Tone control;	Bass and treble for each Front and Rear channel (4-gang bi-axial)
Balance;	4 (discrete)
Selector;	AM/FM/FM-AUTO/PHONO/ AUX 1 (4-ch)/AUX 2 (4-ch)
Mode;	MONO/STEREO/4-ch 1 (QM)/ 4-ch 2 (SQ)/4-ch 3 (discrete)
Power/speaker switch;	PWR OFF/A (4-ch)/SP OFF/B (4-ch)/A+B
Accessory switch;	CC/MAG, tape monitor, FM muting, loudness, AFC, audio mute, Hi/Lo cut
Antenna:	FM 300/75 Ω terminal AM Ferrite antenna, ext. ant. terminals
Connector:	AUX(4-ch), PHONO (MAG/CC) REC/P.B. (4-ch), 2-AC outlet Headphone (front and rear) pre-out/ main-in
Accessory circuit:	Circuit breaker for final stage FM muting, audio muting, signal strength meter, center-zero meter
Cabinet:	Natural walnut cabinet
Dimensions:	508(W) x 125(H) x 356(D)mm (20" x 4 7/8" x 14")
Weight:	15 kg (33 lbs.)
Accessory:	FM feeder antenna, PIN plug, polishing cloth, owner's manual

Tuner section

FM:	
Sensitivity:	1.8 μ V (IHF) 1.8 μ V (S/N=30 dB)
Signal-to-Noise ratio:	66 dB
Capture ratio:	1.5 dB
Selectivity:	80 dB (IHF)
Image rejection:	80 dB
IF rejection:	80 dB
Spurious rejection:	100 dB
AM supression:	50 dB (IHF)
Frequency response:	20-15,000 Hz \pm 1 dB
Harmonic distortion:	Mono; 0.2% at 400 Hz, 100% modulation Stereo; 0.5% at 400 Hz, 100% modulation
FM stereo separation:	35 dB at 1,000 Hz
19kHz, 38kHz supression:	50 dB
AM:	
Sensitivity:	15 μ V (IHF)
Signal-to-Noise ratio:	45 dB
Image rejection:	70 dB
Selectivity:	30 dB (\pm 10 kHz)
IF rejection:	70 dB
Over load:	2 V/m at 1,000 kHz
Harmonic distortion:	1%

PERFORMACNE

Audio section:

Power output:	30W x 4 (r.m.s., 0.4%, 8 Ω , each channel driven) or 53W x 2 (at BTL connection, r.m.s., 0.4%, 8 Ω , each channel driven)
Frequency response:	20-40,000 Hz \pm 1 dB
Power bandwidth:	10-80,000 Hz (IHF, 0.4%)
S/N:	PHONO 65 dB, AUX 80 dB
Input sensitivity and Impedance:	PHONO; 2.5 mV (47 k Ω) CC; 30 mV (70 k Ω) AUX; 160 mV (47 k Ω) TAPE; 160 mV (47 k Ω)
Damping factor:	20 at 8 Ω
Tone control:	\pm 10 dB at 100 Hz and/or 10 kHz
High cut filter:	6dB/OCT, fc=9000 Hz
Low cut filter:	6 dB/OCT, fc=30 Hz
Residual noise:	1.5 mV or less
Loudness	+10 dB at 100 Hz +4 dB at 10 kHz

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