

Service Manual

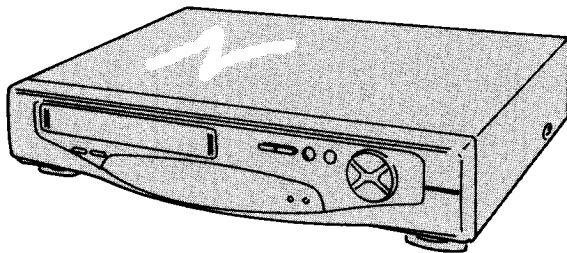
Video Cassette Recorder

General Description
Adjustment Procedures
Block/Schematic Diagrams
Exploded Views/Parts List

Panasonic **VHS** **HQ**
PAL NTSC

NV-SD300AM
NV-SD400EU

K-MECHANISM



SPECIFICATIONS

ITEM	SPECIFICATION	ITEM	SPECIFICATION
POWER	SOURCE: 110~240V AC 50/60Hz	AUDIO	HEAD: 1 Stationary head (Normal Audio)
	CONSUMPTION: 19 watts		INPUT: AUDIO IN Connector (Phono type) More than -10dBV (316 mV), more than 47 kΩ
RECORDING SYSTEM	2 rotary heads, helical scanning system PAL/NTSC		OUTPUT: AUDIO OUT Connector (Phono type) -6dBV (500 mV), less than 1 kΩ
TV TUNER SYSTEM	VHF I: CH2~CH5 (PAL B/SECAM B) CH1~CH5 (PAL D/SECAM D, K1)	TAPE FORMAT	VHS Cassette tape (Tape width 12.7 mm)
	VHF III: CHM1~CHU10 (PAL B/SECAM B) CH6~CH12 (PAL D/SECAM D, K1) UHF: CH21~CH69 (PAL G, H, I/SECAM G, K, K1) CH13~CH57 (PAL D) 75Ω terminated	TAPE SPEED	SP: 23.39 mm/s (PAL), 33.35 mm/s (NTSC) LP: 11.695 mm/s (PAL), 11.12 mm/s (NTSC) Record/Playback Time: SP: 4 hours with 240 min. type tape LP: 8 hours with 240 min. type tape FF/REW Time: 2.5 min. with 180 min. type tape
RF OUT SYSTEM	UHF: CH38 ^{1/2} (PAL G, H, I/SECAM G, K, K1) CH25 ^{1/2} (PAL D) 73 ± 3 dBμ, 75Ω terminated	DIMENSIONS	430(W) × 91(H) × 310(D) mm
VIDEO	HEADS: 4 rotary heads 1 pair for SP recording, playback and trick play (L-R heads) 1 pair for LP recording, playback and trick play (L'-R' heads)	WEIGHT	4.6 kg
	INPUT: VIDEO IN Connector (Phono type) 1.0 Vp-p, 75Ω unbalanced	STANDARD ACCESSORIES	1 pc. DIN-RF Cable 1 pc. Infra-red Remote Controller 1 pc. AC Mains Lead 1 pc. AC Plug Adaptor (NV-SD300AM)
	OUTPUT: VIDEO OUT Connector (Phono type) 1.0 Vp-p, 75Ω unbalanced		

Weight and dimensions shown are approximate.
 Specifications are subject to change without notice.

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