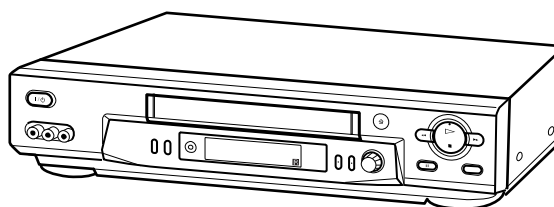
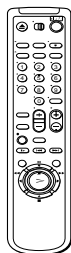


SLV-N71/N81

RMT-V307/V307A

SERVICE MANUAL

US Model
Canadian Model



SPECIFICATIONS

System

Format

VHS NTSC standard

Video recording system

Rotary head helical scanning FM system

Video heads

Double azimuth four heads

Video signal

NTSC color, EIA standards

Tape speed

SP: 33.35 mm/s (1 3/8 inches/s)

EP: 11.11 mm/s (7/16 inches/s)

LP: 16.67 mm/s (1 1/16 inches/s),
playback only

Maximum recording/playback time

8 hrs. in EP mode (with T-160 tape)

Fast-forward and rewind time

Approx. 3 min. (with T-120 tape)

Tuner section

Channel coverage

VHF 2 to 13

UHF 14 to 69

CATV A-8 to A-1, A to W, W+1 to W+84

Antenna

75-ohm antenna terminal for VHF/UHF

Inputs and outputs

LINE-1 IN and -2 IN

VIDEO IN, phono jack (1 each)

Input signal: 1 Vp-p, 75 ohms, unbalanced, sync
negative

AUDIO IN, phono jacks (2 each)

Input level: 327 mVrms

Input impedance: more than 47 kilohms

LINE OUT

VIDEO OUT, phono jack (1)

Output signal: 1 Vp-p, 75 ohms, unbalanced,
sync negative

AUDIO OUT, phono jacks (2)

Standard output: 327 mVrms

Load impedance: 47 kilohms

Output impedance: less than 10 kilohms

CONTROL S IN (SLV-N81 only)

Mini jack (1)

CABLE BOX CONTROL (CONTROL S OUT) (SLV-N81 only)

Stereo mini jack (puls in power) (1)

Timer section

Clock

Quartz locked

Timer indication

12-hour cycle

Timer setting

8 programs (max.)

Power back-up

Built-in self-charging capacitor

Back-up duration: up to 1 hour at a time

General

Power requirements

120 V AC, 60 Hz

Power consumption

22W (SLV-N81)

21W (SLV-N71)

Operating temperature

5°C to 40°C (41°F to 104°F)

Storage temperature

-20°C to 60°C (-4°F to 140°F)

Dimensions

Approx. 430 × 97 × 292 mm (w/h/d)

(Approx. 17 × 3 7/8 × 11 1/2 inches) including
projecting parts and controls

Mass

Approx. 4.1 kg (9 lb 1 oz)

Supplied accessories

Remote commander (1)

Size AA (R6) batteries (2)

75-ohm coaxial cable with F-type connectors (1)

Design and specifications are subject to change
without notice

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As an ENERGY STAR® Partner, Sony Corporation
has determined that this product meets the
ENERGY STAR® guidelines for energy efficiency.

VHS VIDEO CASSETTE RECORDER

SONY®

www.DataSheet4U.com

For US model

Sony Video/Video Deck Exchange Department repairs this model.
We only supply the Parts that are listed in the Service Manual.

If you need any extra repair, please call Sony Customer Information Service Center to tell them that you'd like to send your unit to Sony Video/Video Deck Exchange Department.

Sony Customer Information Service Center: 1-800-222-7669

Sony Video/Video Deck Exchange Department:

Sony Electronics Inc.
Del Mar Industrial Park
5819 Riverside Drive Suite, 8888
Laredo, TX 78041
Attn: Sony Video/Video Deck Exchange Department

For Canadian model

Manufacturing & Technology Centre repairs this model.
We only supply the Parts that are listed in the Service Manual.

If you need any extra repair, please call Sony at 1-877-602-2008 to tell them that you'd like to send your unit to Manufacturing & Technology Centre.

Manufacturing & Technology Centre (MTC):

40 Sunray Street, Whitby, Ontario, Canada L1N 8Y3.
Attn: Manufacturing & Technology Centre

Service Parts

Parts Number	Parts Name	Model Name
1-476-435-11	COMMANDER, STANDARD (RMT-V307A)	SLV-N71
1-476-434-11	COMMANDER, STANDARD (RMT-V307)	SLV-N81
3-709-433-01	COVER, BATTERY (RMT-V307/V307A)	SLV-N71/N81
1-696-592-11	CORD, CONNECTION (NTSC)	SLV-N71/N81