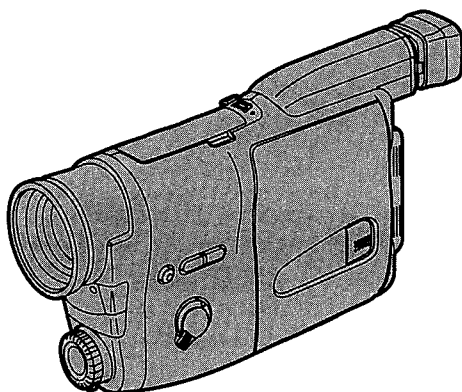


Service Manual

VHS
PAL

HQ

VHS-C Movie

NV-RX7^{EG/A}_{EN/EE}
DL-MECHANISM
Simplified


SPECIFICATIONS

ITEM	SPECIFICATION	ITEM	SPECIFICATION
POWER	Source: Battery Pack; 4.8V DC AC Adaptor; 6.0V DC Consumption; 7.0W (Battery operation)	VIDEO	HEADS: 4 rotary heads, 1 flying erase head
VIDEO RECORDING SYSTEM	4 rotary heads, helical scanning system PAL		OUTPUT: PHONO CONNECTOR; 1.0Vp-p 75Ω terminated
TAPE FORMAT	VHS-C Cassette Tape (Tape width 12.7mm)	AUDIO	HEAD: 1 Stationary head (Normal-Mono)
			OUTPUT: PHONO CONNECTOR; -6dB, 47kΩ loaded/less than 1kΩ
TAPE SPEED	SP mode: 23.39mm/s LP mode: 11.7mm/s (NV-RX7A/EN/EE) Record/Playback Time: SP mode: 60min. with NV-EC60 LP mode: 120min. with NV-EC60 (NV-RX7A/EN/EE)	OPERATING TEMPERATURE	0~40°C
		OPERATING HUMIDITY	10~80%
		WEIGHT	Approx. 770g (without Battery Pack)
		DIMENSIONS	74(W) × 139(H) × 268(D) mm
CAMERA	PICK-UP ELEMENT: CCD (Charge Coupled Device)		
	STANDARD ILLUMINATION: 1,400 lux		
	MINIMUM REQUIRED ILLUMINATION: 0.7 Lux (Low Light Mode)		
	LENS: 14:1 Wide-angle Power Zoom Lens with Digital AI Auto Focus, Auto Iris, Auto Focus System, F1.4 (3.9~ 54.6mm), Filter Diameter 43mm	STANDARD ACCESSORIES	1 pc. AC Adaptor 1 pc. Battery Pack 1 pc. Cassette Adaptor 1 pc. Shoulder Strap 1 pc. DC Input Cable 1 pc. Battery for Cassette Adaptor Operation 1 pc. AC Cable 1 pc. AV Output Cable 1 pc. Remote Controller 1 pc. Remote Controller Holder 1 pc. Battery for Remote Controller 1 pc. 21 pin Adaptor (NV-RX7EG/EE)
	IMAGE SENSOR: 1/3 inch CCD Image Sensor		
	VIEWFINDER: 0.5 inch Colour LCD Viewfinder		

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

Panasonic®

© 1996 Matsushita Electric Industrial Co., Ltd.
All rights reserved. Unauthorized copying and
distribution is a violation of law.

△ WARNING

This service information is designed for experienced repair technicians only and is not designed for use by the general public. It does not contain warnings or cautions to advise non-technical individuals of potential dangers in attempting to service a product. Products powered by electricity should be serviced or repaired only by experienced professional technicians. Any attempt to service or repair the product or products dealt with in this service information by anyone else could result in serious injury or death.

INTRODUCTION 1

This service manual contains technical informations which will allow service Personnels to understand and service the VHS-C Movie model NV-RX6EN/ENH

This service manual is based on NV-RX6EN/ENH Service manual.

So, please refer to the descriptions which are shown in NV-RX6EN/ENH service manual Order No. : VMD9603M116)

Please place orders using the parts list and not the drawing reference numbers.

If the circuit is changed or modified, this information will be followed by supplement service manual to be filed with original service manual.

Note 1: Adjustment Procedure for Mechanism-Chassis is separate volume from this model.

Please refer to following manual for detail of adjustment procedure for Mechanism-Chassis.

Order number for adjustment procedure of Mechanism-Chassis : VMD9412M130

Note 2: Adjustment Procedure for Camera-unit is separate volume from this model.

Please refer to following manual for detail of adjustment procedure for Camera.

Order number for adjustment procedure of Camera : VMD9603M117

Note 3: This Movie camera uses AC Adaptor is VSK0317C.

The Service Manual for AC Adaptor is VSK0317C is separate volume.

Please refer to following manual for detail of VSK0317C.

Order number for AC Adaptor is VSK0317C. : VMD9501M104

NOTE : NV-RX7EN

NV-RX7EN series has two versions depends on countries.

Detail as follows.

Model-No(Version)	NV-RX7EN	NV-RX7ENH
PACKING CASE	VPG8486	VPG8487
AC-CABLE	VJA0664	VJA0733

CONTENTS

1. COMPARISON CHART	1
2. THE BUILT-IN LITHIUM BATTERY	3
3. DISASSEMBLY PROCEDURES	4
4. ELECTRICAL ADJUSTMENT PROCEDURES	9
5. CIRCUIT BOARD LAYOUT	11
6. DC JACK SCHEMATIC DIAGRAM	12
7. E.V.F. SCHEMATIC DIAGRAM	14
8. E.V.F. (A) & DC JACK C.B.A.	17
9. EXPLODED VIEWS	21
5. FRAME & CASING PARTS SECTION	21
6. PACKING PARTS & ACCESSORIES SECTION	22
10. ELECTRICAL REPLACEMENT PARTS LIST	23