

RDR-HX710/HX910

RMT-D217P

SERVICE MANUAL

AEP Model

Self Diagnosis
Supported model



SHOWVIEW®

SPECIFICATIONS

System

Laser: Semiconductor laser

Channel coverage:

PAL/SECAM (B/G, D/K, I, L)
VHF: E2 to E12, R1 to R12, F2 to F10, Italian
A to H, Ireland A to J, South Africa 4 to 13/
UHF: E21 to E69, R21 to R69, B21 to B69,
F21 to F69/CATV: S01 to S05, S1 to S20,
France B to Q/HYPER: S21 to S41

The above channel coverage merely ensures the channel reception within these ranges. It does not guarantee the ability to receive signals in all circumstances.

Video reception: Frequency synthesizer system

Audio reception: Split carrier system

Aerial out: 75-ohm asymmetrical aerial socket

Timer: Clock: Quartz locked/Timer indication:
24-hour cycle (digital)/Power back-up
duration: 1 hour

Video recording format: MPEG Video

Audio recording format/applicable bit rate: Dolby Digital 2 ch/256 kbps

Inputs and outputs

LINE 2 OUT

(AUDIO): Phono jack/2 Vrms/10 kilohms

(VIDEO): Phono jack/1.0 Vp-p

(S VIDEO): 4-pin mini DIN/Y:1.0 Vp-p,
C: 0.3 Vp-p (PAL)

LINE 2 IN/LINE 4 IN

(AUDIO): Phono jack/2 Vrms/more than
22 kilohms

(VIDEO): Phono jack/1.0 Vp-p

(S VIDEO): 4-pin mini DIN/Y:1.0 Vp-p,
C: 0.3 Vp-p (PAL)

LINE 1 – TV: 21-pin

CVBS IN/OUT

S-Video/RGB OUT (upstream)

LINE 3/DECODER: 21-pin

CVBS IN/OUT

S-Video/RGB IN

S-Video OUT (downstream)

Decoder

DV IN: 4-pin/i.LINK S100

DIGITAL OUT (OPTICAL): Optical output jack/
–18 dBm (wave length: 660 nm)

DIGITAL OUT (COAXIAL): Phono jack/
0.5 Vp-p/75 ohms

COMPONENT VIDEO OUT

(Y, Pb/Cb, Pr/Cr):

Phono jack/Y: 1.0 Vp-p, Pb/Cb: 0.7 Vp-p,

Pr/Cr: 0.7 Vp-p

General

Power requirements: 220-240 V AC, 50/
60 Hz

Power consumption:

RDR-HX710: 53 W

RDR-HX910: 55 W

Dimensions (approx.): 430 × 65 × 328 mm
(width/height/depth) incl. projecting parts

Hard disk drive capacity:

RDR-HX710: 160 GB

RDR-HX910: 250 GB

Mass (approx.): 4.9 kg

Operating temperature: 5°C to 35°C

Operating humidity: 25% to 80%

Supplied accessories:

Mains lead (1)

Aerial cable (1)

Remote commander (remote) (1)

R6 (size AA) batteries (2)

Specifications and design are subject to change without notice.

Compatible colour systems

This recorder is designed to record using the PAL colour system and play back using the PAL or NTSC colour systems.

The signals of the SECAM colour system can be received or recorded but played back in the PAL colour system only. Recording of video sources based on other colour systems cannot be guaranteed.

DVD RECORDER

SONY®

8-1. EXPLODED VIEWS

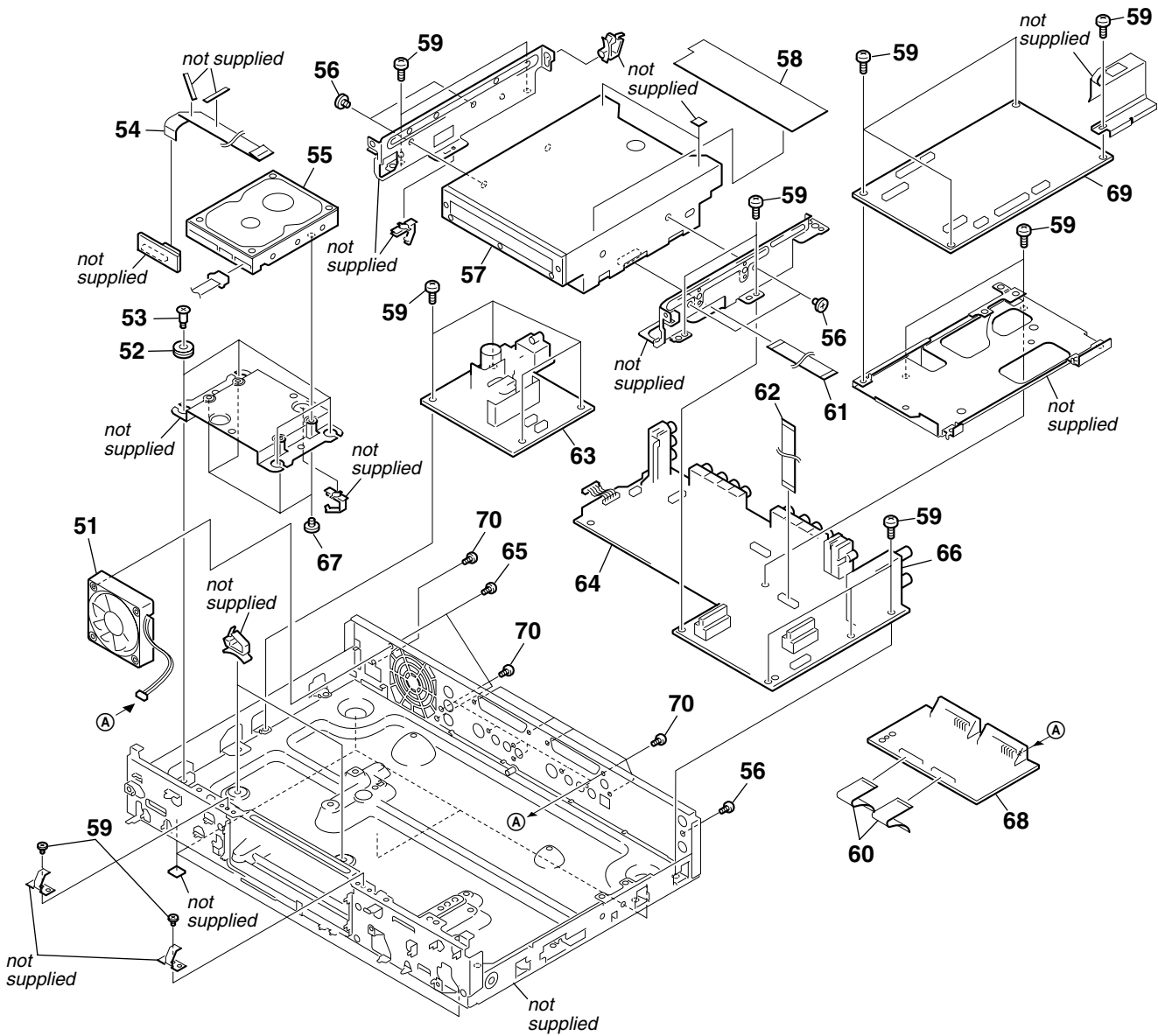
- -XX, -X mean standardized parts, so they may have some differences from the original one.
- Items marked “*” are not stocked since they are seldom required for routine service. Some delay should be anticipated when ordering these items.

- The components identified by mark  or dotted line with mark are critical for safety. Replace only with part number specified.

Diagram illustrating the front panel assembly (14) and its connection to the chassis section (1). The assembly includes various screws (8, 9, 4) and a bracket (12). A dashed box indicates components not supplied: a remote control (10) and a small component (11). The chassis section is labeled "Chassis section (See page 8-2)". Other components labeled include 1, 3, 5, 6, 7, and 13.

<u>Ref. No.</u>	<u>Part No.</u>	<u>Description</u>	<u>Remarks</u>	<u>Ref. No.</u>	<u>Part No.</u>	<u>Description</u>	<u>Remarks</u>
1				7			
1				8			
1				9			
				10			
3				11			
3				12			
3				12			
4				14			
* 5				14			
* 6							

8-1-2. CHASSIS SECTION



Ref. No.	Part No.	Description	Remarks	Ref. No.	Part No.	Description	Remarks
51				62			
52				△ 63			
53				* 64			
54				* 64			
55				65			
55				66			
56				67			
57				68			
58				69			
59				69			
60				70			
61							