

# Service Manual

ORDER NO.  
RRV3489

STEREO DVD CASSETTE DECK RECEIVER

# XV-EV7

**THIS MANUAL IS APPLICABLE TO THE FOLLOWING MODEL(S) AND TYPE(S).**

Model	Type	Power Requirement	Regional restriction codes (Region No.)	The voltage can be converted by the following method.	Remarks
XV-EV7	DDRXJ	AC 110 V to 127 V / 220 V to 230 V / 240 V	4	With the voltage selector	
XV-EV7	DDXJ/RB	AC 110 V to 127 V / 220 V to 230 V / 240 V	2	With the voltage selector	
XV-EV7	DDXJ1/RA	AC 110 V to 127 V / 220 V to 230 V / 240 V	1	With the voltage selector	
XV-EV7	DLXJ	AC 110 V to 127 V / 220 V to 230 V / 240 V	3	With the voltage selector	
XV-EV7	MTXJ	AC 220 V to 240 V	3	-----	

● This service manual should be used together with the following manual(s):

Model No.	Order No.	Remarks
XV-EV9/DDRXJ	RRV3413	

● For SPECIFICATIONS and PANEL FACILITIES, refer to the operating instructions.

# 1. CONTRAST OF MISCELLANEOUS PARTS

NOTES: ● Parts marked by "NSP" are generally unavailable because they are not in our Master Spare Parts List.

- The  $\Delta$  mark found on some component parts indicates the importance of the safety factor of the part. Therefore, when replacing, be sure to use parts of identical designation.
- Screws adjacent to  $\nabla$  mark on product are used for disassembly.
- Reference Nos. indicate the pages and Nos. in the service manual for the base model.
- For the applying amount of lubricants or glue, follow the instructions in this manual. (In the case of no amount instructions, apply as you think it appropriate.)

- When ordering resistors, first convert resistance values into code form as shown in the following examples.

Ex.1 When there are 2 effective digits (any digit apart from 0), such as 560 ohm and 47k ohm (tolerance is shown by J=5%, and K=10%).

560  $\Omega$   $\rightarrow$   $56 \times 10^1$   $\rightarrow$  561 ..... RD1/4PU  $\begin{matrix} 5 & 6 & 1 \\ \hline & & J \end{matrix}$   
 47k  $\Omega$   $\rightarrow$   $47 \times 10^3$   $\rightarrow$  473 ..... RD1/4PU  $\begin{matrix} 4 & 7 & 3 \\ \hline & & J \end{matrix}$   
 0.5  $\Omega$   $\rightarrow$  R50 ..... RN2H  $\begin{matrix} R & 5 & 0 \\ \hline & & K \end{matrix}$   
 1  $\Omega$   $\rightarrow$  1R0 ..... RS1P  $\begin{matrix} 1 & R & 0 \\ \hline & & K \end{matrix}$

Ex.2 When there are 3 effective digits (such as in high precision metal film resistors).

5.62k  $\Omega$   $\rightarrow$   $562 \times 10^1$   $\rightarrow$  5621 ..... RN1/4PC  $\begin{matrix} 5 & 6 & 2 & 1 \\ \hline & & & F \end{matrix}$

## ■ CONTRAST TABLE

XV-EV7/DFXJ, DDRXJ, DDXJ1/RA, DDXJ/RB, DTXJ and DLXJ/NC are constructed the same except for the following :

No.	Mark	Symbol and Description	Part No.						Remarks
			XV-EV9 /DDRXJ	XV-EV7 /DDRXJ	XV-EV7 /DDXJ1/RA	XV-EV7 /DDXJ/RB	XV-EV7 /DLXJ	XV-EV7 /MTXJ	
<b>PCB ASSEMBLIES</b>									
P9- 2	NSP	MAIN ASSY	XWK3254	XWK3251	XWK3251	XWK3252	XWK3251	XWK3253	
P9- 3	NSP	EVOL ASSY	XWK3261	XWK3260	XWK3260	XWK3260	XWK3260	XWK3260	
P9- 4	NSP	SUB ASSY	XMM3320	XMM3320	XMM3320	XMM3320	XMM3320	XMM3321	
		└ PRIMARY ASSY	XWZ4146	XWZ4146	XWZ4146	XWZ4146	XWZ4146	XWZ4150	
<b>PACKING SECTION</b>									
P7- 2	NSP	Getter Label	XAX3588	XAX3588	XAX3554	XAX3586	XAX3586	XAX3586	
P7- 5	NSP	Polyethylene Bag	AHG7033	AHG7033	AHG7033	Not used	Not used	Not used	
P7- 6	NSP	Polyethylene Bag	Not used	Not used	Not used	Not used	Not used	AHG7031	
P7- 8	NSP	Dry Cell Batteries(AA/R6)	XEX3001	XEX3001	VEM1031	XEX3001	XEX3001	XEX3001	
P7- 10	$\Delta$	AC Power Cord	XDG3009	XDG3009	XDG3033	Not used	Not used	Not used	
P7- 11	$\Delta$	Power Plug Adapter	XKM3001	XKM3001	Not used	Not used	Not used	Not used	
P7- 12		Operating Instructions (English)	XRB3061	XRB3061	XRB3061	XRB3062	XRB3061	Not used	
P7- 13		Operating Instructions (Spanish)	XRC3232	XRC3232	XRC3232	Not used	Not used	Not used	
P7- 13		Operating Instructions (Arabic)	Not used	Not used	Not used	XRC3234	Not used	Not used	
P7- 13		Operating Instructions (Chinese)	Not used	Not used	Not used	Not used	XRC3231	Not used	
P7- 13		Operating Instructions (Thai)	Not used	Not used	Not used	Not used	Not used	XRC3233	
P7- 14	NSP	Warranty Card (Thai)	Not used	Not used	Not used	Not used	Not used	XRY3004	
P7- 15	NSP	Service Map (Thai)	Not used	Not used	Not used	Not used	Not used	XRY3005	
P7- 16		Caution Sheet AR	XRH3002	XRH3002	Not used	Not used	Not used	Not used	
P7- 22		Packing Case	XHD3648	XHD3642	XHD3643	XHD3644	XHD3641	XHD3646	
P7- 24	NSP	DF Label	AAX7960	AAX7960	AAX7960	Not used	Not used	Not used	
	NSP	Warranty Card PX	Not used	Not used	ARY7025	Not used	Not used	Not used	
		AC Power Cord	Not used	XDG3033	Not used	Not used	Not used	Not used	
		Caution Sheet	Not used	XRM3011	Not used	Not used	Not used	Not used	
<b>EXTERIOR SECTION</b>									
P9- 19		Rear Panel	XNC3443	XNC3437	XNC3438	XNC3439	XNC3424	XNC3441	
<b>FRONT PANEL SECTION</b>									
P13- 12	NSP	FRONT PANEL ASSY	XXG3275	XXG3274	XXG3260	XXG3274	XXG3274	XXG3274	
P13- 22		MIDDLE PANEL	XAK3543	XAK3541	XAK3541	XAK3541	XAK3541	XAK3541	
P13- 30		FRONT PANEL ASSY	XZN3189	XZN3187	XZN3187	XZN3187	XZN3187	XZN3187	

Notes : For PCB ASSEMBLIES, Refer to "CONTRAST OF PCB ASSEMBLIES".

## ■ CONTRAST OF PCB ASSEMBLIES

### **C**F MAIN ASSY

XWK3253, XWK3252, XWK3251 and XWK3254 are constructed the same except for the following :

Mark	Symbol and Description	Part No.				Remarks
		XWK3254	XWK3251	XWK3252	XWK3253	
	R5515	RS1/16S473J	Not used	Not used	Not used	
	R5516	Not used	RS1/16S473J	RS1/16S473J	RS1/16S473J	*
	R5616	RS1/16S103J	RS1/16S103J	RS1/16S393J	RS1/16S103J	
	R5617	Not used	Not used	RS1/16S393J	RS1/16S103J	*

\* : Refer to “3.5 MAIN ASSY (1/3)” \*SIMUKE on the service manual RRV3413.

### **D**F EVOL ASSY

XWK3260 and XWK3261 are constructed the same except for the following :

Mark	Symbol and Description	Part No.		Remarks
		XWK3261	XWK3260	
	R8265	RS1/16S0R0J	RS1/16S472J	
	R8266,R8267	Not used	RS1/16S332J	*
	R8268	RS1/16S0R0J	RS1/16S472J	
	R8604	RS1/16S272J	RS1/16S332J	
	R8618	RS1/16S272J	RS1/16S332J	
	R8621	RS1/16S473J	RS1/16S103J	
	R8622	RS1/16S272J	RS1/16S223J	
	R8625	Not used	RS1/16S222J	*
	R8627	Not used	RS1/16S124J	*
	R8631	RS1/16S473J	RS1/16S103J	
	R8633	RS1/16S272J	RS1/16S223J	
	R8634	RS1/16S682J	RS1/16S0R0J	
	R8636	RS1/16S0R0J	RS1/16S103J	
	R8637	Not used	RS1/16S222J	*
	R8640	Not used	RS1/16S124J	*
	R8665,R8666	RS1/16S0R0J	Not used	
	R8724	RS1/16S682J	RS1/16S0R0J	
	R8725	RS1/16S0R0J	RS1/16S103J	
	C8602	CKSRYB562K50	CKSRYB332K50	
	C8605	CKSRYB273K25	CKSRYB223K50	
	C8606	CKSRYB472K25	CKSRYB332K50	
	C8609	CKSRYB273K25	CKSRYB223K50	
	C8610	CKSRYB472K50	CKSRYB332K50	
	C8614	CKSRYB562K50	CKSRYB332K50	
	C8617,C8618	Not used	CEATR33M50	*
	C8621	CKSRYB562K50	CKSRYB332K50	
	C8625	CKSRYB273K25	CKSRYB153K25	
	C8626	CKSRYB472K50	Not used	
	C8628	CKSRYB562K50	CKSRYB332K50	
	C8632	CKSRYB273K25	CKSRYB153K25	
	C8633	CKSRYB472K50	Not used	

\* : Refer to stby parts of “3.8 EVOL ASSY ” on the service manual RRV3413.

### **G**F PRIMARY ASSY

XWZ4150 and XWZ4146 are constructed the same except for the following :

Mark	Symbol and Description	Part No.		Remarks
		XWZ4146	XWZ4150	
⚠	S1 VOLTAGE SELECTOR	XKX3001	Not used	