

Pioneer

Service Manual

ORDER NO.
RRV4380

Blu-ray Disc receiver

XV-BD421W

XV-BD422W

XV-BD121W

XV-BD122W

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

Model	Type	Power Requirement	DVD Region No.	BD Region No.	Serial No.	Remarks
XV-BD421W	YXE8	AC 220 V to 240 V	2	B	&&&&#####YY	YY: Europe
XV-BD421W	VXE8	AC 220 V to 240 V	2	B	&&&&#####GB	GB: U.K
XV-BD421W	SXE5	AC 220 V to 240 V	5	C	&&&&#####ER	ER : RUSSIA
XV-BD422W	UCXESM	AC 120 V	1	A	&&&&#####UC	UC : NORTH AMERICA
XV-BD121W	YXE8	AC 220 V to 240 V	2	B	&&&&#####YY	YY: Europe
XV-BD121W	VXE8	AC 220 V to 240 V	2	B	&&&&#####GB	GB: U.K
XV-BD122W	UCXESM	AC 120 V	1	A	&&&&#####UC	UC : NORTH AMERICA

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

Model No.	Order No.	Remarks
XV-BD422B/YXE8	RRV4334	

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

PIONEER CORPORATION 1-1, Shin-ogura, Saiwai-ku, Kawasaki-shi, Kanagawa 212-0031, Japan

PIONEER ELECTRONICS (USA) INC. P.O. Box 1760, Long Beach, CA 90801-1760, U.S.A.

PIONEER EUROPE NV Haven 1087, Keetberglaan 1, 9120 Melsele, Belgium

PIONEER ELECTRONICS ASIACENTRE PTE. LTD. 253 Alexandra Road, #04-01, Singapore 159936

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Pioneer

Service Manual



XV-BD422B

ORDER NO.
RRV4338

Blu-ray Disc receiver

XV-BD422B

XV-BD122B

XV-BD122FSB

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

Model	Type	Power Requirement	DVD Region No.	BD Region No.	Serial No.	Remarks
XV-BD422B	YXE8	AC 110 V to 240 V	2	B	&&&&#####YY	YY: Europe
XV-BD422B	VXE8	AC 110 V to 240 V	2	B	&&&&#####GB	GB: U.K
XV-BD122B	YXE8	AC 110 V to 240 V	2	B	&&&&#####YY	YY: Europe
XV-BD122B	VXE8	AC 110 V to 240 V	2	B	&&&&#####GB	GB: U.K
XV-BD122FSB	YXE8	AC 110 V to 240 V	2	B	&&&&#####YY	YY: Europe



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(1) EXTERIOR SECTION PARTS LIST

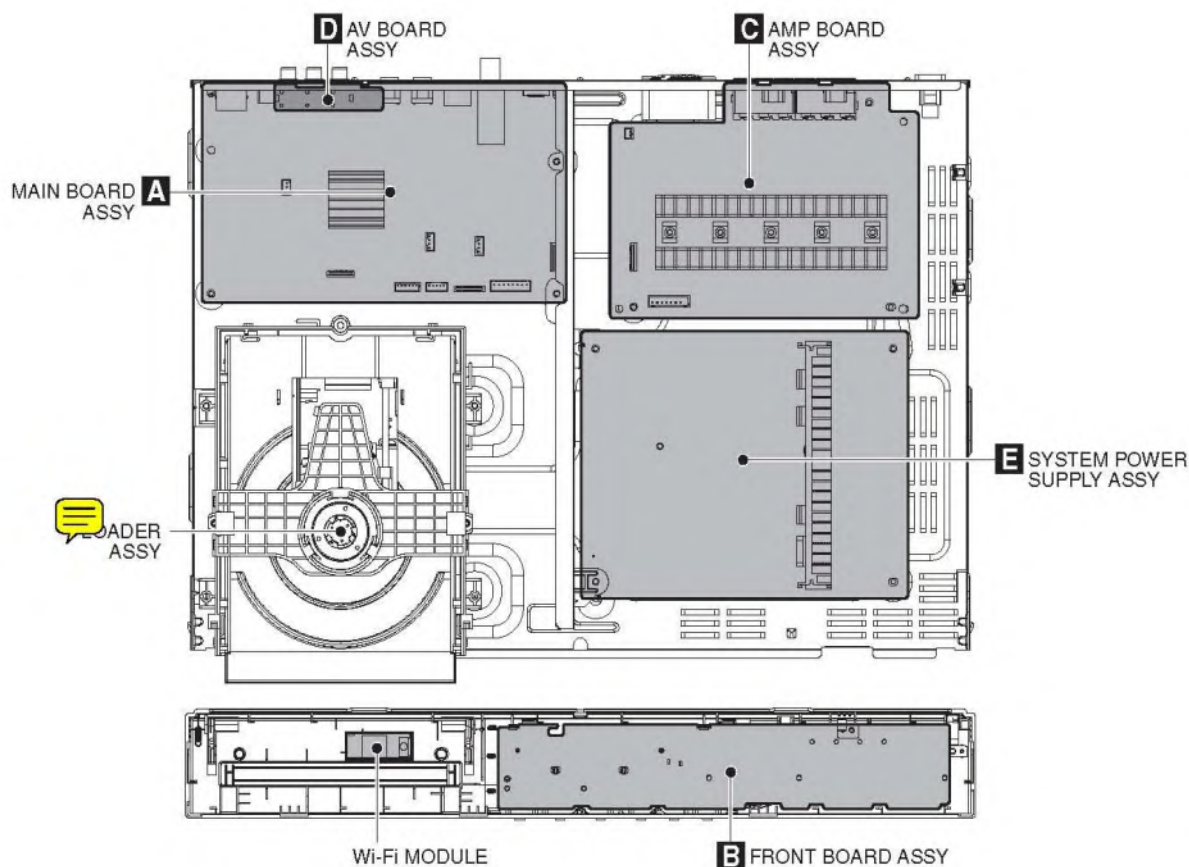
Mark No.	Description	Part No.	Mark No.	Description	Part No.
1	MAIN BOARD Assy	08-H555DU-MA1R/YXV	21	Front Panel Assy	See Contrast table (2)
2	FRONT BOARD Assy	08-BCS727-FVY	22	VOL Knob Assy	02-DC22N1-XX0B2
3	AMP BOARD Assy	See Contrast table (2)	23	Cushion	54-103870-000
4	AV BOARD Assy	AZW7613	24	CD Door	55-BC72D3-OHA
5	SYSTEM POWER SUPPLY Assy	08-K250HE-PW1	25	Bottom Plate	67-BC72R1-0E0
6	*****		26	Top Cover	67-BC72T1-0E0B1
7	LOADER Assy	08-LTCD19-222026	27	Ground Plate	67-BD14Q1-0B0
8	*****		28	Back Panel	See Contrast table (2)
9	DC Fan	43-FM412S-211	29	*****	
10	6 Pin 2.0mm L=300mmM USB Line	46-FH030F-06NA	30	*****	
11	0.5x24Px80mm Type A FFC	46-KK008C-24AU	31	S/T Screw B 2.6x8 BF	63-B26080-BF4
12	20 Pin 1.0mm L=240mm FFC Line	46-KK024C-20BV	32	Screw	63-B30060-3H3
13	8 Pin Cable 2.5mm 180mm TJC3-SCN	46-CD018T-08K	33	Screw	63-B30070-3H4
14	TJC3/SCN 40mm 6 Pin 1007#26 Line	46-CD004T-06X	34	S/T Screw B 4x8 BF	63-B40080-BF4
15	Cable PH-4Y,JC20-4P	46-FH026T-04I	35	Triangle M/C Screw B 3x4	64-B30040-304
16	1.0mm pitch B Type Flat Flexible	46-FF020C-8BV	36	Screw 2.6*6	63-P26060-BF4
17	45 Pin FFC Cable	46-KF022C-45BU			
18	Cable 5 Pin 80mm FH-SAN	46-FG008T-05P			
19	2 Pin Cable	See Contrast table (2)			
20	*****				

(2) CONTRAST TABLE

XV-BD422B/YXE8, VXE8, XV-BD122B/YXE8, VXE8 and XV-BD122FSB/YXE8 are constructed the same except for the following:

Mark	No.	Symbol and Description	XV-BD422B /YXE8	XV-BD422B /VXE8	XV-BD122B /YXE8	XV-BD122B /VXE8	XV-BD122FSB /YXE8
	3	AMP BOARD Assy	AZW7611	AZW7611	AZW7611	AZW7611	AZW7612
	19	2 Pin Cable	Not used	46-KL020T-03XC	46-KL020T-03XC	46-KL020T-03XC	Not used
	19	3 Pin Cable	46-KL018T-03XC	Not used	Not used	Not used	46-KL018T-03XC
	21	Front Panel Assy	08-BD422B-001	08-BD422B-002	08-BD122B-002	08-BD122B-003	08-BD122B-001
	28	Back Panel	67-BC72B3-0E0B1	67-BC72B3-0E0B1	67-BC72B3-0E0B2	67-BC72B3-0E0B2	67-BC72B4-0E0B1

3.3 PCB LOCATIONS



NOTES:

- Parts marked by “NSP” are generally unavailable because they are not in our Master Spare Parts List.
- The $\triangle$ 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.

Mark	No.	Description	Part No.	Mark	No.	Description	Part No.
LIST OF ASSEMBLIES							
	1..	MAIN BOARD ASSY	08-H555DU-MA1R/YXV		1..	AV BOARD ASSY	AZW7613
	1..	FRONT BOARD ASSY	08-BCS727-FVY		1..	SYSTEM POWER SUPPLY ASSY	08-K250HE-PW1
	1..	AMP BOARD ASSY (XV-BD422B, XV-BD122B)	AZW7611			LOADER ASSY	08-LTCD19-222026
	1..	AMP BOARD ASSY (XV-BD122FSB)	AZW7612				

XV-BD422B