

Pioneer

Service Manual

 ORDER NO.
RRV4330

DVD SURROUND SYSTEM

DCS-424K

HTZ-424DVD

HTZ-421DVD

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

Model	Type	Power Requirement	DVD Region No.	Serial No.	Remarks
DCS-424K	YXE8	AC 220 V to 240 V	2	&&TL#####YY	YY:Europe
DCS-424K	SXE5	AC 220 V to 240 V	5	&&TL#####UR	UR: Russia
HTZ-424DVD	LXE	AC 110 V to 240 V	3	&&TL#####LE	LE:Aseana
HTZ-424DVD	TWXE	AC 220 V	3	&&TL#####TL	TL:Thailanda
HTZ-424DVD	DXERB	AC 110 V to 240 V	2	&&TL#####RB	RB : Mid-East-Asia
HTZ-424DVD	AXQ5	AC 220 V	6	&&TL#####CN	CN : China
HTZ-421DVD	DXECS	AC 110 V to 240 V	4	&&TL#####ME	ME : Latin America

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

Model No.	Order No.	Remarks
HTZ-121DVD/LXE	RRV4299	DCS-222K/YXE8

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

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1. CONTRAST OF MISCELLANEOUS PARTS

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

● The  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  mark on product are used for disassembly.

● 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.)

● Nos. indicate the pages and Nos. in the service manual for the base model.

● 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%).

560Ω → 56 x 10¹ → 561 RD1/4PU561J
47kΩ → 47 x 10³ → 473 RD1/4PU473J
0.5Ω → R50 RN2H50K
1Ω → 1R0 RS1P1R0K

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

5.62kΩ → 562 x 10¹ → 5621 RN1/4PC5621F

1.1 CONTRAST TABLE

DCS-424K

DCS-222K/YXE8, DCS-424K/YXE8 and DCS-424K/SXE5 are constructed the same except for the following:

Mark	No.	Symbol and Description	DCS-222K/YXE8	DCS-424K/YXE8	DCS-424K/SXE5	Remarks
	PCB ASSEMBLIES					
	P43-2	1..MAIN BOARD ASSY	08-DCS222-MA0	08-H89GBU-MA1R	08-H89GCU-MA1R	
	P43-3	1..POWER BOARD ASSY	08-DCS222-PW0	08-K250HH-PW1	08-K250HH-PW1	
P43-5	1..AMP BOARD ASSY	08-DCS222-AM0	08-T102B6-AM1	08-T102B6-AM1		
	PACKING SECTION					
	P41-2	Remote Control Unit	06-AX7652-A000	06-AX7652-A000	06-AX7653-A000	
	P41-3	Video Cable	41-UH1200-0KK1A	41-UH1200-0KK1E	41-UH1200-0KK1A	
	P41-8	Operating Instructions (En/Fr/De/It/Nl/Es)	72-DCS222-EU0B2	72-DCS424-EU0B1	Not used	
	P41-8	Operating Instructions (Ru)	Not used	Not used	72-HTZ424-RUSB1	
	P41-14	Packing Case	76-111710-0ATB1	76-113180-0ATB2	76-113180-0ATB7	
	P41-15	SPEAKER ASSY CENTER	SMX1124- -C	SMX1126- -C	SMX1126- -C	
	P41-16	SPEAKER ASSY FRONT L	SMX1124- -F-L	SMX1126- -F-L	SMX1126- -F-L	
	P41-17	SPEAKER ASSY FRONT R	SMX1124- -F-R	SMX1126- -F-R	SMX1126- -F-R	
	P41-18	SPEAKER ASSY SURROUND	SMX1124- -S-L	SMX1126- -S-L	SMX1126- -S-L	
	P41-19	SPEAKER ASSY SURROUND	SMX1124- -S-R	SMX1126- -S-R	SMX1126- -S-R	
	P41-20	Polyethylene Bag	3880V-S004A	Not used	Not used	
	P41-21	Packing Top Bottom	3920V-0019A	Not used	Not used	
	P41-22	SPEAKER ASSY SUB-WOOFER	SMX1128- -W	SMX1129- -W	SMX1129- -W	
	P41-23	Soft Bag	MAF62208304	3880L-S028A	3880L-S028A	
	P41-24	Packing Top Bottom	3920V-0002A	3920V-0028A	3920V-0028A	
	EXTERIOR SECTION					
	P43-7	VOL Knob ASSY	02-DC22N1-XX0B2	02-DC22N1-XX0B1	02-DC22N1-XX0B1	
	P43-8	Cable 8pin 180mm	46-CD018T-08K	46-CD020T-08K	46-CD020T-08K	
	P43-12	FFC 24pin 110mm	46-KK011C-24AU	46-KK009C-24AU	46-KK009C-24AU	
	P43-16	Front Panel ASSY	08-DCS222-001	08-DCS424-001	08-DCS424-001	
	P43-17	TJC3-4Y/ASAN-4P	46-CD004T-04B	46-CD004T-06X	46-CD004T-06X	
	P43-19	Rear Panel	67-DC22B2-0E0B1	67-DC22B6-0E0B1	67-DC22B6-0E0B2	
	P43-20	Bottom Plate	67-DC22R1-0E0	67-DC22R2-0E0	67-DC22R2-0E0	
		DC Fan	Not used	43-FM412S-211	43-FM412S-211	No. 27
		M/C Screw B3.0 x 6.0	Not used	63-B40080-BF4	63-B40080-BF4	No. 28
		Ground Plate	Not used	67-DC22Q1-0B0	67-DC22Q1-0B0	No. 29
		Thermal Silica	Not used	59-115780-000	59-115780-000	No. 30
		S/T Screw B 2.6 x 6	63-B26060-BF4	Not used	Not used	
	SUBWOOFER SECTION					
	P44-1	Panel Front ASSY	3721V-0007V	3721V-0007A	3721V-0007A	

(1) EXTERIOR SECTION PARTS LIST

Mark No.	Description	Part No.	Mark No.	Description	Part No.
1	FRONT BOARD ASSY	08-DCS222-FB0	16	Front Panel ASSY	See Contrast table (2)
2	MAIN BOARD ASSY	See Contrast table (2)	17	TJC3-4Y/ASAN-4P	46-CD004T-04B
3	POWER BOARD ASSY	See Contrast table (2)	18	Mic Volume Knob	56-DC22N3-0HAB1
4	KARAOKE BOARD ASSY	08-DCS222-KU0	19	Rear Panel	See Contrast table (2)
5	AMP BOARD ASSY	See Contrast table (2)	20	Bottom Plate	67-DC22R1-0E0
6	Loader ASSY	08-LT3CMP-242230	21	Top Cover	67-DC22T1-0E0B1
7	VOL Knob ASSY	02-DC22N1-XX0B2	22	Screw	63-B30060-3H3
8	Cable 8pin 180mm	46-CD018T-08K	23		
9	Cable 3pin 80mm	46-FH008T-03P	24	Screw	63-B30070-3H4
10	Cable 4pin	46-FH032F-04M	25	S/T Screw B 2.6 X 8	63-B26080-BF4
11			26	Triangle M/C Screw B	64-B30040-304
12	FFC 24pin 110mm	46-KK011C-24AU			
13	FFC 20pin 300mm	46-KK030C-20BV			
14	Cushion	54-103870-000			
NSP 15	AC inlet	46-KL018T-03XD			

(2) CONTRAST TABLE

HTZ-121DVD/LXE, HTZ-121DVD/TWXE and DCS-222K/YXE8 are constructed the same except for the following:

MarkNo.	Symbol and Description	HTZ-121DVD/ LXE	HTZ-121DVD/ TWXE	DCS-222K/ YXE8
2	MAIN BOARD ASSY	08-HTZ121-MA0	08-H89GAU-MA1R	08-DCS222-MA0
3	POWER BOARD ASSY	08-DCS222-PW0	08-P075HE-PW1	08-DCS222-PW0
5	AMP BOARD ASSY	08-DCS222-AM0	08-S301B6-AM1	08-DCS222-AM0
16	Front Panel ASSY	08-HTZ121-001	08-HTZ121-001	08-DCS222-001
19	Rear Panel	67-DC22B1-0E0B1	67-DC22B1-0E0B1	67-DC22B2-0E0B1

9.2 EXTERIOR SECTION

