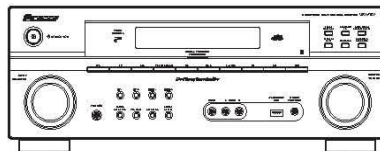


Pioneer *sound.vision.soul*

Service Manual



VSX-918V-K

ORDER NO.
RRV3736

AUDIO/VIDEO MULTI-CHANNEL RECEIVER

VSX-918V-K

VSX-918V-S

VSX-818V-K

VSX-818V-S

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

Model	Type	Power Requirement	Remarks
VSX-918V-K	MYSXJ5	AC 220 V to 230 V	
VSX-918V-S	MYSXJ5	AC 220 V to 230 V	
VSX-818V-K	MYSXJ5	AC 220 V to 230 V	
VSX-818V-S	MYSXJ5	AC 220 V to 230 V	



For details, refer to "Important Check Points for good servicing".

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

XWZ4285 and XWZ4284 are constructed the same except for the following:

Mark	Symbol and Description	XWZ4285	XWZ4284
	Q441	RT1N241M	Not used
	D404, D405	1SS355	Not used
	D502	SLR343BC4T(JKLM)	Not used
	R404	RS1/16S472J	Not used
	R430	Not used	RS1/16S0R0J
	R551	RS1/16S391J	Not used

J POWER KEY ASSY

XWZ4288 and XWZ4287 are constructed the same except for the following:

Mark	Symbol and Description	XWZ4288	XWZ4287
	D501	SLR343BC4T(JKLM)	Not used
	R501	RS1/16S391J	Not used

P VIDEO ASSY

XWZ4294 and XWZ4292 are constructed the same except for the following:

Mark	Symbol and Description	XWZ4294	XWZ4292
	L302-L306 Chip Solid Inductor	QTL1013	Not used
	CN303 Connector	9604S-19C	Not used
	CN304 13P FFC Connector	Not used	9604S-13C
	JA351 Mini Jack(4P) W/ SW	XKN3015	Not used
	JA352 Jack	VKB1243	Not used
	R394	RS1/16S0R0J	Not used
	C379	CKSRYB103K50	Not used

PCB PARTS LIST FOR VSX-918V/MYSXJ5 UNLESS OTHER WISE NOTED

Mark No.	Description	Part No.	Mark No.	Description	Part No.
COMPLEX ASSY			Q 256 (A,61,95)	CHIP TRANSISTOR	2SD2704K
MISCELLANEOUS			Q 257 (A,76,112)	TRANSISTOR	2SA1576A
J 41	JUMPER WIRE	D15A03-100-2651	Q 259 (B,61,108)	DIGITAL TR(SC-70)	RT1P241M
J 42	JUMPER WIRE	D15A05-125-2651	Q 260 (A,56,107)	TRANSISTOR	2SC4081
J 44	JUMPER WIRE	D15A03-100-2651	Q 361 (A,181,72)	TRANSISTOR	2SC5938A
A MAIN ASSY			Q 6001 (A,140,24)	TRANSISTOR	RT1N241M
MISCELLANEOUS			Q 9001 (A,91,94)	DIGITAL TR(SC-70)	RT1N431M
IC 103 (A,215,73)	DUAL OP-AMP	NJM4565MD	Q 9002 (A,66,80)	DIGITAL TR(SC-70)	RT1P241M
IC 104 (A,198,56)	DUAL OP-AMP	NJM4565MD	Q 9003 (A,65,75)	DIGITAL TR(SC-70)	RT1P241M
IC 105 (A,217,87)	DUAL OP-AMP	NJM4565MD	Q 9007 (A,69,85)	TRANSISTOR	DTC143TK
IC 108 (B,253,65)	6CH E-VOL IC	BD3474KS2	Q 9064 (A,59,80)	DIGITAL TR(SC-70)	RT1P241M
IC 251 (A,134,89)	DUAL OP-AMP	NJM4565MD	Q 9065 (A,55,78)	TRANSISTOR	UMD2N
IC 5001 (A,69,19)	RDS DECODER IC	LC72725KM	D 103 (B,177,35)	DIODE	DAN217U
IC 6001 (A,135,20)	IC	TC74VHCT125AFTS1	D 105 (B,170,35)	DIODE	DAN217U
IC 9001 (B,82,64)	SYSTEM CONTROL MICON	PEG469A8	D 107 (B,174,37)	DIODE	DAN217U
IC 9002 (A,104,42)	EEPROM	BR24L16FV-W	D 251 (A,138,88)	DIODE	DAN217U
IC 9004 (A,128,49)	LOGIC IC	TC4094BFN	D 253 (B,55,108)	DIODE	UDZS13(B)
Q 248 (A,53,103)	TRANSISTOR	2SC4081	D 254 (A,72,113)	DIODE	UDZS5R1(B)
Q 249 (A,61,107)	TRANSISTOR	RT1N241M	D 255 (B,53,109)	DIODE	UDZS13(B)
Q 250 (A,60,112)	TRANSISTOR	2SC4081	D 311 (B,258,96)	DIODE	1SS355
Q 252 (A,65,105)	TRANSISTOR	2SD1858X	D 312 (B,269,98)	DIODE	1SS355
Q 253 (A,53,99)	TRANSISTOR	RT1N241M	D 331 (B,254,91)	DIODE	UDZS6R8(B)
Q 254 (B,61,103)	DIGITAL TR(SC-70)	RT1P241M	D 332 (B,271,91)	DIODE	UDZS6R8(B)
Q 255 (A,61,99)	TRANSISTOR	2SC4081	D 6001 (A,146,21)	DIODE	1SS355
			D 9006 (B,99,89)	DIODE	DAN217U
			D 9007 (B,91,89)	DIODE	DAN217U

VSX-918V-K

10. SCHEMATIC DIAGRAM

10.1 MAIN ASSY (1/3)

A

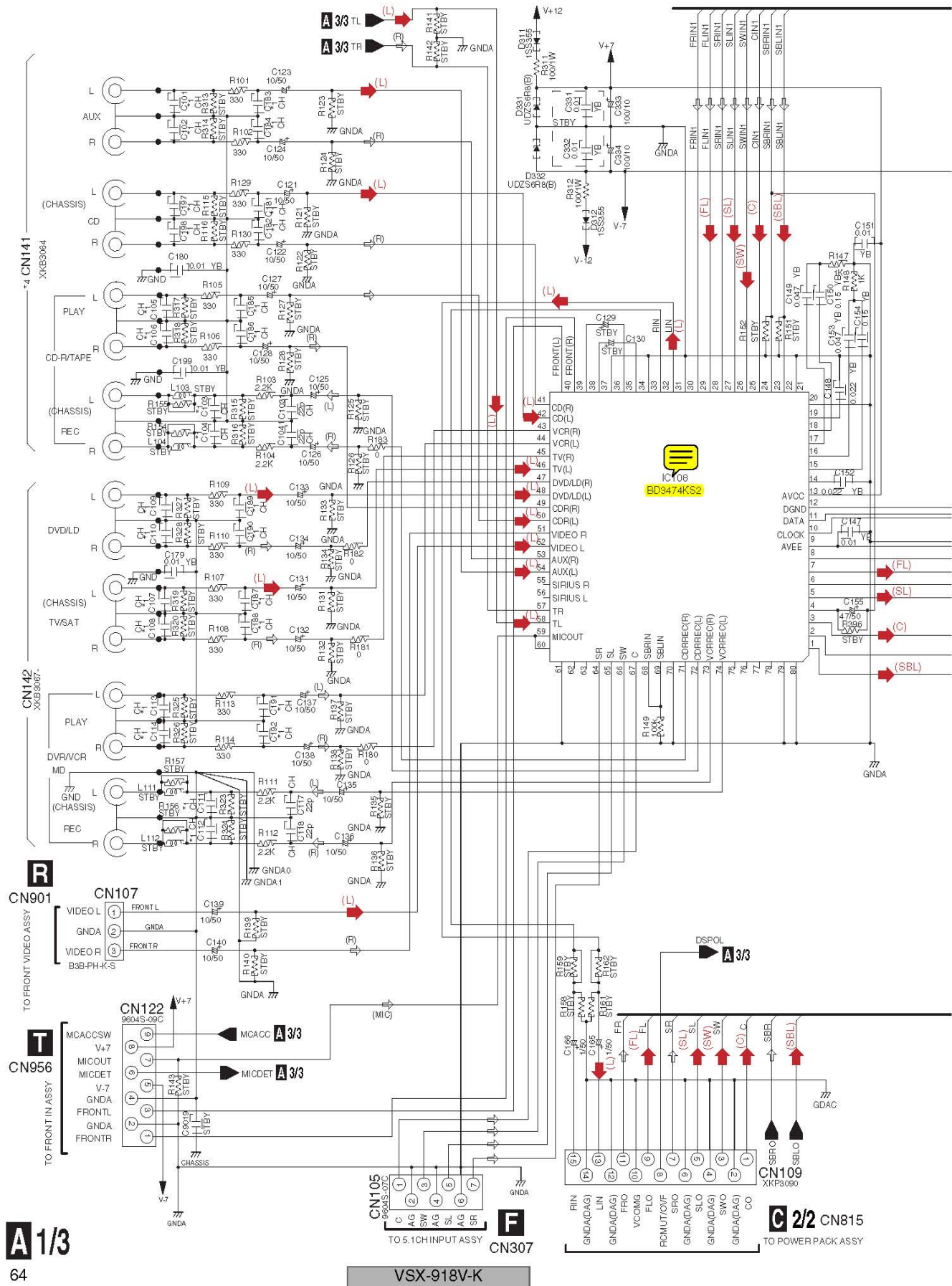
B

C

D

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A 1/3

64

VSX-918V-K

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4