

Pioneer

Service Manual

ORDER NO.
RRV4229

AUDIO/VIDEO MULTI-CHANNEL RECEIVER

SC-LX85 SC-LX75

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

Model	Type	Power Requirement	Remarks
SC-LX85	SYXJ5	AC 220 V to 230 V	
SC-LX75	SYXJ5	AC 220 V to 230 V	

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

Model No.	Order No.	Remarks
SC-57/UXJCB	RRV4195	

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
 ©PIONEER CORPORATION 2011

K-ZZZ JULY 2011 Printed in Japan

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

CONTRAST TABLE

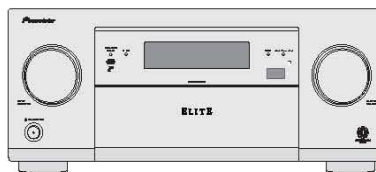
SC-57/UXJCB, SC-LX85/SYXJ5 and SC-LX75/SYXJ5 are constructed the same except for the following:

Mark	No.	Symbol and Description	SC-57/UXJCB	SC-LX85/SYXJ5	SC-LX75/SYXJ5	Remarks
C	NSP	PCB ASSEMBLIES				
		P85-1 1..IR POWER AMP ASSY	AWH7030	AWH7037	AWH7040	
	NSP	1..IR BUFFER ASSY	AWM8249	AWM8282	AWM8282	
		P85-2 2..IR BUFFER ASSY	AWX9793	AWX9952	AWX9952	
	NSP	1..PRIM DISPLAY ASSY	AWM8250	AWM8262	AWM8262	
		P85-4 2..PRIMARY ASSY	AWX9799	AWX9848	AWX9848	
		P87-1 2..DISPLAY ASSY	AWX9796	AWX9967	AWX9967	
		P87-4 2..MIC HP ASSY	AWX9800	AWX9968	AWX9968	
	NSP	1..AUDIO COMPOSITE ASSY	AWR7106	AWR7107	AWR7113	
		P83-2 2..AUDIO ASSY	AWX9790	AWX9831	AWX9834	
		P83-3 2..COMPOSITE ASSY	AWX9791	AWX9791	AWX9836	
	NSP	1..INTERFACE REG ASSY	AWR7111	AWR7124	AWR7124	
		P81-3 2..IR REG ASSY	AWX9806	AWX9954	AWX9954	
		P81-4 2..B DIODE ASSY	AWX9808	AWX9958	AWX9958	
		P85-7 2..A REG BRIDGE ASSY	AWX9810	AWX9970	AWX9970	
E	NSP	1..REG BRIDGE ASSY	AWR7112	AWR7115	AWR7125	
		P81-6 2..DISPLAY BRIDGE ASSY	AWX9815	AWX9956	AWX9956	
		P81-7 2..F-IN BRIDGE ASSY	AWX9816	AWX9965	AWX9965	
		P83-9 2..MCH BRIDGE ASSY	AWX9818	AWX9818	Not used	
		P83-11 2..MULTI CH IN ASSY	AWX9857	AWX9856	Not used	
		P85-8 2..REG ASSY	AWX9813	AWX9955	AWX9955	
		P85-10 2..FB-CONNECT ASSY	AWX9819	AWX9966	AWX9966	
		P87-6 1..FRONT HDMI USB ASSY	AWX9749	AWX9969	AWX9969	
		P83-13 1..DAC HIGH ASSY	AWX9822	AWX9858	AWX9861	
		 P83-14 1..DIGITAL MAIN ASSY	AWX9827	AWX9727	AWX9950	
		P83-15 1..COMPONENT ASSY	AWX9866	AWX9951	AWX9867	
	NSP	PACKING SECTION				
		P79-2 AC Power Cord	ADG7111	ADG7062	ADG7062	
		P79-6 Packing Case	AHD8722	AHD8723	AHD8730	
		P79-9 Operating Instructions (En)	ARB7459	Not used	Not used	
		P79-12 Operating Instructions (CD-ROM)	ARU7006	ARU7004	ARU7028	
		P79-13 Warranty Card	ARY7007	ARY7128	ARY7128	
		P79-14 Remote Control Unit SEL/MID	AXD7612	Not used	AXD7613	
		P79-14 RF Remote Control Unit	Not used	AXD7580	Not used	

SC-LX85

Pioneer

Service Manual



SC-57

ORDER NO.
RRV4195

AUDIO/VIDEO MULTI-CHANNEL RECEIVER

SC-57

SC-55

SC-1526-K

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

Model	Type	Power Requirement	Remarks
SC-57	UXJCB	AC 120V	
SC-55	UXJCB	AC 120V	
SC-1526-K	CUXJ	AC 120V	



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
©PIONEER CORPORATION 2011

K-FZV AUG. 2011 Printed in Japan

(1) REAR SECTION PARTS LIST

Mark No.	Description	Part No.	Mark No.	Description	Part No.
	1 D-AUDIO BRIDGE ASSY	AWX9769		21 Cushion Circle 14B	AED7081
	2 AUDIO ASSY	See Contrast table (2)		22 Terminal Screw	AKE-031
	3 COMPOSITE ASSY	See Contrast table (2)		23 Rear Panel 57U (MTL)	See Contrast table (2)
	4 D-DAC BRIDGE ASSY	AWX9935		24 Right Angle 85 (MTL)	ANG7687
	5 A-DAC BRIDGE ASSY	AWX9936		25 D. Main Shield 85 (MTL)	See Contrast table (2)
	6 PRE BRIDGE ASSY	AWX9809	NSP	26 PC Support	See Contrast table (2)
	7 PRIMARY SHIELD ASSY	AWX9811	NSP	27 Serial Label S	VRW2017
NSP	8 BIND B CABLE ASSY	AWX9807		28 Screw (Steel)	ABA1011
	9 MCH BRIDGE ASSY	See Contrast table (2)		29 Screw 3 x 6B (Steel)	ABA1207
	10 CONNECT ASSY	AWX9820		30 Screw	BBZ30P060FCC
	11 MULTI CH IN ASSY	See Contrast table (2)		31 Screw	BMZ30P040FTB
NSP	12 VREG GUARD ASSY	AWX9895		32 Screw	BPZ30P080FTB
	13 DAC HIGH ASSY	See Contrast table (2)		33 Screw	BPZ30P100FTC
	14 DIGITAL MAIN ASSY	See Contrast table (2)		34 Screw	CBZ30P080FTB
	15 COMPONENT ASSY	See Contrast table (2)		35 Push Rivet	AEC7071
	16 AM/FM Tuner Unit	AXX7282		36 Nylon Rivet	See Contrast table (2)
	17 15P FFC/60V (J0003)	ADD7725	NSP	37 Binder (BK-1)	ZCA-BK1
	18 9P FFC (J0007)	ADD7748		38 Hex head Screw 2.85 X 7 (BS)	ABA7078
	19 Locking Spacer (PLS)	See Contrast table (2)			
	20 SP Sheet 85 (PC)	AEC7651			

(2) CONTRAST TABLE

SC-57/UXJCB, SC-55/UXJCB and SC-1526-K/CUXJ are constructed the same except for the following:

Mark	No.	Symbol and Description	SC-57/ UXJCB	SC-55/ UXJCB	SC-1526-K/ CUXJ
	2	AUDIO ASSY	AWX9790	AWX9833	AWX9833
	3	COMPOSITE ASSY	AWX9791	AWX9836	AWX9836
	9	MCH BRIDGE ASSY	AWX9818	Not used	Not used
	11	MULTI CH IN ASSY	AWX9857	Not used	Not used
	13	DAC HIGH ASSY	AWX9822	AWX9860	AWX9860
	14	DIGITAL MAIN ASSY	AWX9827	AWX9824	AWX9824
	15	COMPONENT ASSY	AWX9866	AWX9865	AWX9865
	19	Locking Spacer (PLS)	AEC7643	Not used	Not used
	23	Rear Panel 57U (MTL)	ANC8599	ANC8605	ANC8606
	25	D. Main Shield 85 (MTL)	ANK7162	Not used	Not used
NSP	26	PC Support	VEC1749	Not used	Not used
	36	Nylon Rivet	AEC7406	Not used	Not used

