

Service Manual

Pioneer

ORDER NO.
RRV2284

STEREO AMPLIFIER

A-109

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

Type	Model	Power Requirement	The voltage can be converted by the following method.
	A-109		
MYXJ	○	AC220-230V	———
MVXJ	○	AC220-230V	———
MLXJ	○	AC220-230V	———
SBDXJ	○	AC110V/120-127V/220V/240V	With the voltage selector

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

Model No.	Order No.	Remarks
A-209R/MYXJ	RRV2283	

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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 Δ 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.

● Reference 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%).

560 $\rightarrow$ 56 x 10ⁱ $\rightarrow$ 561 RD1/4PU561J

47k $\rightarrow$ 47 x 10³ $\rightarrow$ 473 RD1/4PU473J

0.5 $\rightarrow$ R50 RN2HR50K

1 $\rightarrow$ IR0 RSIP1R0K

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

5.62k $\rightarrow$ 562 x 10ⁱ $\rightarrow$ 5621 RN1/4PC5621F

■ CONTRAST TABLE

A-109/MYXJ, MVXJ, MLXJ, SBDXJ and A-209R/MYXJ are constructed the same except for the following :

Ref. No.	Mark	Symbol and Description	Part No.					Remarks
			A-209R /MYXJ	A-109 /MYXJ	A-109 /MVXJ	A-109 /MLXJ	A-109 /SBDXJ	
		PCB ASSEMBLIES						
P5- 1	NSP	CONTROL ASSY	AWG7013	AWG7011	AWG7011	AWG7011	AWG7011	*1
P5- 2		└ FRONT L ASSY	AWX7123	AWX7120	AWX7120	AWX7120	AWX7120	
P5- 3		└ FRONT R ASSY	AWX7124	AWX7121	AWX7121	AWX7121	AWX7121	
		└ OPT ASSY	AWX7125	Not used	Not used	Not used	Not used	
P5- 4	NSP	AF COMPLEX ASSY	AWM7357	AWM7353	AWM7353	AWM7353	AWM7509	*2
P5- 5	NSP	└ AC PRIMARY ASSY	AWX7113	AWX7113	AWX7113	AWX7113	AWX7670	
P5- 6		└ HEADPHONE ASSY	AWX7114	AWX7114	AWX7114	AWX7114	AWX7114	
P5- 7		└ VOLUME ASSY	AWX7118	AWX7112	AWX7112	AWX7112	AWX7112	
		└ AF ASSY	AWX7117	AWX7111	AWX7111	AWX7111	AWX7111	*1
		PACKING SECTION						
P3- 1		Operating Instructions (English)	ARB7236	ARB7237	ARB7237	Not used	Not used	
P3- 2		Operating Instructions (German)	ARC7322	ARC7324	Not used	Not used	Not used	
P3- 3		Operating Instructions (French/Italian/ Dutch/Swedish/Spanish/Portuguese)	ARC7323	ARC7325	Not used	Not used	Not used	
P3- 4	NSP	Warranty Card	ARY7022	ARY7022	ARY7022	Not used	Not used	
P3- 5		Remote Control Unit (CU-A019)	AXD7193	Not used	Not used	Not used	Not used	
P3- 6		Battery Cover	AZN2249	Not used	Not used	Not used	Not used	
P3- 7	NSP	Dry Cell Battery (R6P,AA)	VEM-013	Not used	Not used	Not used	Not used	
P3-11		Packing Case	AHD7869	AHD7872	AHD7872	AHD7873	AHD7892	
P3-14		Operating Instructions (English/Spanish/Chinese)	Not used	Not used	Not used	ARE7269	ARE7269	
P3-15		Caution Label 220V	Not used	Not used	Not used	Not used	ARR1003	
P3-16		AC Plug Adapter	Not used	Not used	Not used	Not used	VKX1007	
P3-17	NSP	Air Cap	Not used	Not used	AHG1087	Not used	Not used	
P3-18	⚠	Power Cord	ADG1154	ADG1154	Not used	ADG1154	ADG1154	
P3-19	⚠	Power Cord with Fuse	Not used	Not used	ADG1156	Not used	Not used	
P3-20	⚠	Fuse (T5A)	Not used	Not used	AEK1046	Not used	Not used	
		EXTERIOR SECTION						
P5- 8	⚠	Fuse (FU1 : 1.25A)	REK1023	Not used	Not used	Not used	Not used	
P5- 8	⚠	Fuse (FU1 : 800mA)	Not used	REK1021	REK1021	REK1021	Not used	
P5- 8	⚠	Fuse (FU1 : 6.3A)	Not used	Not used	Not used	Not used	REK1030	
P5-11	⚠	Power Transformer (AC220-230V)	ATS7190	ATS7192	ATS7192	ATS7192	Not used	
P5-11	⚠	Power Transformer (AC110V/120-127V/220V/240V)	Not used	Not used	Not used	Not used	ATS7417	
P5-13		Rear Panel	ANC7925	ANC7931	ANC7931	ANC7933	ANC7934	
P5-14		Insulator	PNW2766	PNW2766	PNW2766	AMR7198	AMR7198	
P5-25	NSP	Shield Plate	ANK7043	Not used	Not used	Not used	Not used	
P5-28		IR Filter	AAK7532	Not used	Not used	Not used	Not used	
P5-38		Front Panel	AMB7710	AMB7712	AMB7712	AMB7712	AMB7712	