

Pioneer

Service Manual

ORDER NO.
RRV4504

AV Receiver

VSX-323-K

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

Model	Type	Power Requirement	Remarks
VSX-323-K	SYXE8	AC 220 V to 230 V	
VSX-323-K	PWVXE8	AC 220 V to 240 V	
VSX-323-K	DLXE	AC 110 V to 127 V/220 V to 240 V	

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

Model No.	Order No.	Remarks
VSX-323-K/SYXE8	RRV4438	VSX-323-K/DLXE, PWVXE8
HTP-072/CMXESM	RRV4432	VSX-324-K-P/YXE8, DLXE, PWXE

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

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K-ZZZ NOV. 2013 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 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.
●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%).
560 Ω $\rightarrow$ 56 x 10¹ $\rightarrow$ 561 RD1/4PU561J
47k Ω $\rightarrow$ 47 x 10³ $\rightarrow$ 473 RD1/4PU473J
0.5 Ω $\rightarrow$ R50 RN2HR50K
1 Ω $\rightarrow$ 1R0 RS1P1R0K
Ex.2 When there are 3 effective digits (such as in high precision metal film resistors).
5.62k Ω $\rightarrow$ 562 x 10¹ $\rightarrow$ 5621 RN1/4PC5621F

CONTRAST TABLE
VSX-323-K/SYXE8

VSX-323-K/SYXE8 and VSX-323-K/SYXE8 are constructed the same except for the following:

Mark	No.	Symbol and Description	VSX-323-K/SYXE8	VSX-323-K/SYXE8	Remarks
PCB ASSEMBLIES					
NSP	P46-1	1..PCB TTL ASSY MAIN	7025HK1212010-IL	7025HK1212V10	
	P46-2	2..MAIN Assy	7028073651010-IL	70280736510A0	
	P46-3	2..OPTCO Assy	7028073653010-IL	70280736530A0	
		2..G-L Assy	7028073655010-IL	70280736550A0	
		2..REG Assy	7028073652010-IL	70280736520A0	No. 62
		2..G-R Assy	7028073656010-IL	70280736560A0	No. 63
		2..G-S Assy	7028073657010-IL	70280736570A0	No. 64
NSP	P46-7	1..PCB TTL ASSY DMAIN 2..D-MAIN Assy	7025HK1212011-IL 7028073691010-IL	7025HK1212V11 70280736910A0	
NSP	P46-8	1..PCB TTL ASSY FRONT	7025HK1212012-IL	7025HK1212V12	
	P46-9	2..FRONT Assy	7028073671010-IL	70280736710A0	
	P46-10	2..HP Assy	7028073672010-IL	70280736720A0	
	P46-11	2..FUSB Assy	7028073673010-IL	70280736730A0	
	P46-11	2..INSEL Assy	7028073674010-IL	70280736740A0	
NSP	P46-12	1..PCB TTL ASSY CPU 2..CPU Assy	7025HK1212013-IL 7028073681080-IL	7025HK1212V13 70280736810B0	
	P46-13	2..STBY Assy	7028073682010-IL	70280736820A0	
	P46-14	2..CNT Assy	7028073683050-IL	70280736830A0	
NSP	P46-15	1..PCB TTL ASSY AMP5 2..AMP5 Assy	7025HK1212014-IL 7028073661010-IL	7025HK1212V14 70280736610A0	
PACKING SECTION					
	P43-12	Operating Instructions (CD-ROM)	6517000001300-IL	6517000001570S	
	P43-13	Quick Start Guide	5707000007820-IL	5707000008590S	
	P43-16	Box, Gift	60072123701F0-IL	60072123700J0S	
EXTERIOR SECTION (VSX-323-K)					
	P46-28	Back Chassis 323	3207214566010-IL	3207214566080S	

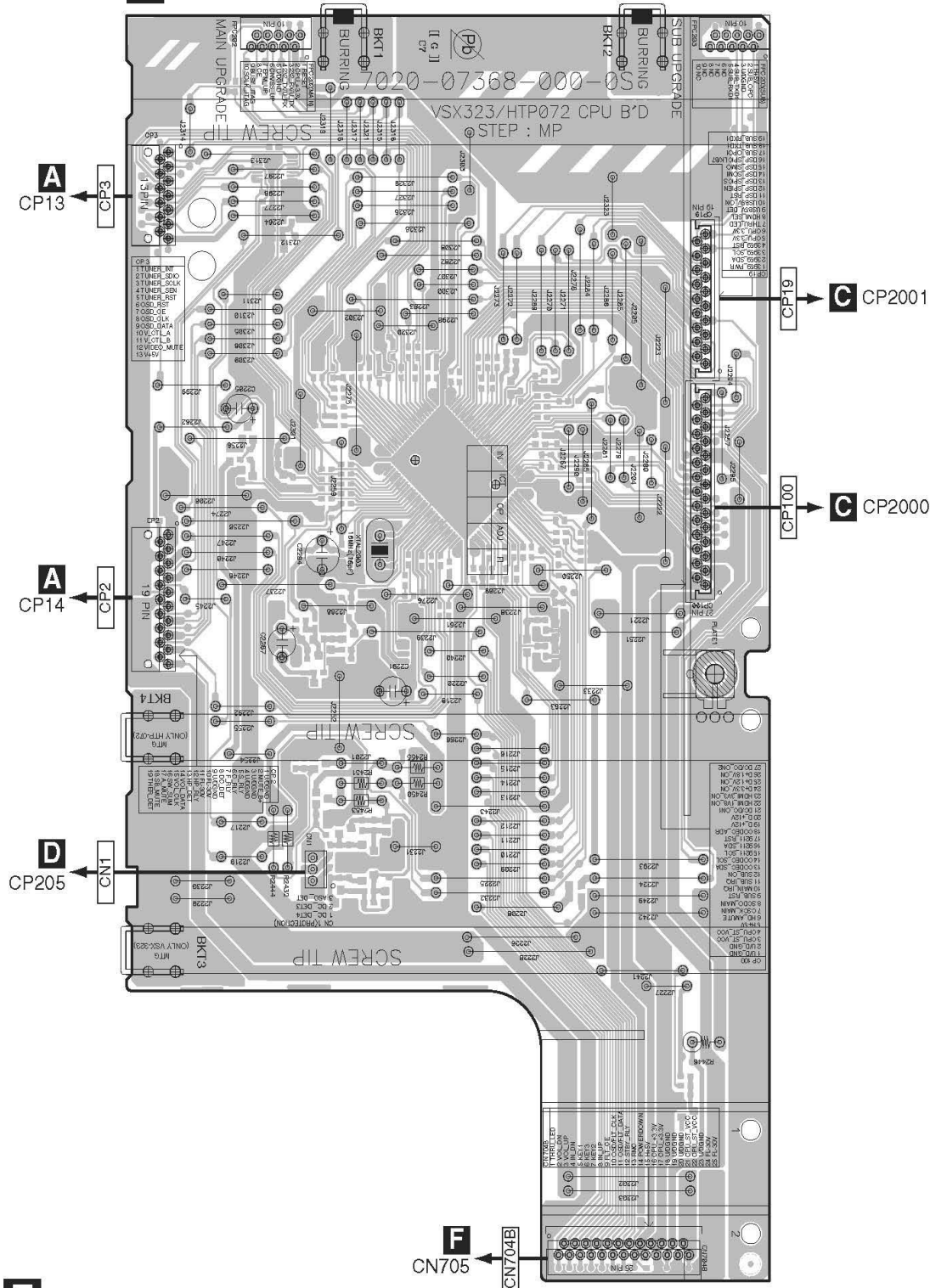
Notes : For PCB ASSEMBLIES, Refer to "CONTRAST OF PCB ASSEMBLIES".

11.4 CPU ASSY

SIDE A

SIDE A

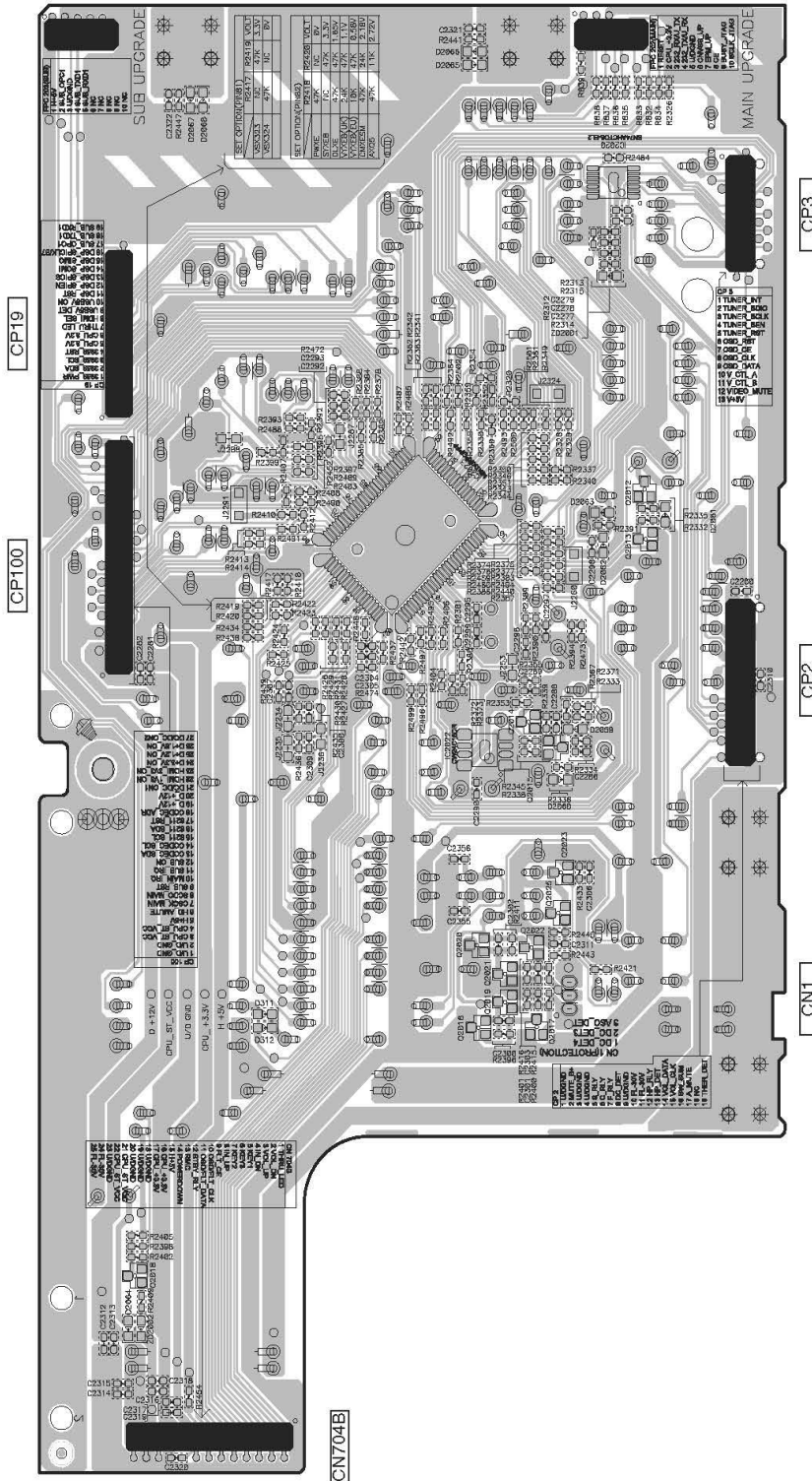
CPU ASSY



SIDE B

SIDE B

CPU ASSY



IC2020

B

Q2012

IC2023 Q2013

C

Q2014

IC2022

D

Q2023

Q2025

Q2020 Q2022

Q2021

Q2019

Q2016 Q2017

E

Q2018

F

E

85