

Service Manual

ORDER NO.
RRV2985

AUDIO/VIDEO MULTI-CHANNEL RECEIVER **VSX-9100TX**

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

| Model | Type | Power Requirement | Remarks |
|------------|---------|-------------------|---------|
| VSX-9100TX | KUXJ/CA | AC120V | |

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

| Model No. | Order No. | Remarks |
|------------------|-----------|---------|
| VSX-52TX/KUXJ/CA | RRV2977 | |

PIONEER CORPORATION 4-1, Meguro 1-chome, Meguro-ku, Tokyo 153-8654, 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

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1. CONTRAST OF MISCELLANEOUS PARTS

A NOTES:

- Parts marked by "NSP" are generally unavailable because they are not in our Master Spare Parts List.
- The \triangle 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.)
- 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 | 56×10^1 | \rightarrow | 561 | | RD1/4PU 5 6 7 J |
| 47k | \rightarrow | 47×10^3 | \rightarrow | 473 | | RD1/4PU 4 7 3 J |
| 0.5 | \rightarrow | R50 | | | | RN2H R 5 0 K |
| 1 | \rightarrow | 1R0 | | | | RS1P 1 R 0 K |

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

| | | | | | | |
|-------|---------------|-------------------|---------------|------|-------|-------------------|
| 5.62k | \rightarrow | 562×10^1 | \rightarrow | 5621 | | RNI/4PC 5 6 2 1 F |
|-------|---------------|-------------------|---------------|------|-------|-------------------|

■ CONTRAST OF TABLE

VSX-9100TX/KUXJ/CA and VSX-52TX/KUXJ/CA are constructed the same except for the following:

| Ref. No. | Mark | Symbol and Description | Part No. | | Remarks |
|----------|------|--|--|--|---------|
| | | | VSX-52TX /KUXJ/CA | VSX-9100TX /KUXJ/CA | |
| C | NSP | <PCB ASSEMBLIES> POWER AMP ASSY └12V TRIGGER ASSY | AWK7822 AWX8395 | AWK7823 AWX8398 | |
| | | <PACKING> Warranty Card Operating Instructions (English) Packing Case | ARY7007 ARB7302 AHD8255 (52/KU) | ARY7045 ARB7312 AHD8281 (9100/KU) | |
| | | <CHASSIS SECTION> Stabilizer 45 Under Base | ANG7408 ANA7166 | Not used ANA7161 | |
| D | NSP | <REAR PANEL SECTION> Rear Panel Hexahed Screw (2.85x7) | ANC8249 ABA7078 | ANC8286 Not used | |
| | | <FRONT PANEL SECTION> F. Panel Window Door | ANB7338 AAK8177 ANB7334 | ANB7355 AAK8257 ANB7335 | |
| | | | | | |

Notes : ● For PCB ASSEMBLIES, refer to "CONTRAST OF PCB ASSEMBLIES" and "2. SCHEMATIC DIAGRAM".

■ CONTRAST OF PCB ASSEMBLIES

K F 12V TRIGGER ASSY

AWX8398 and AWX8395 are constructed the same except for the following :

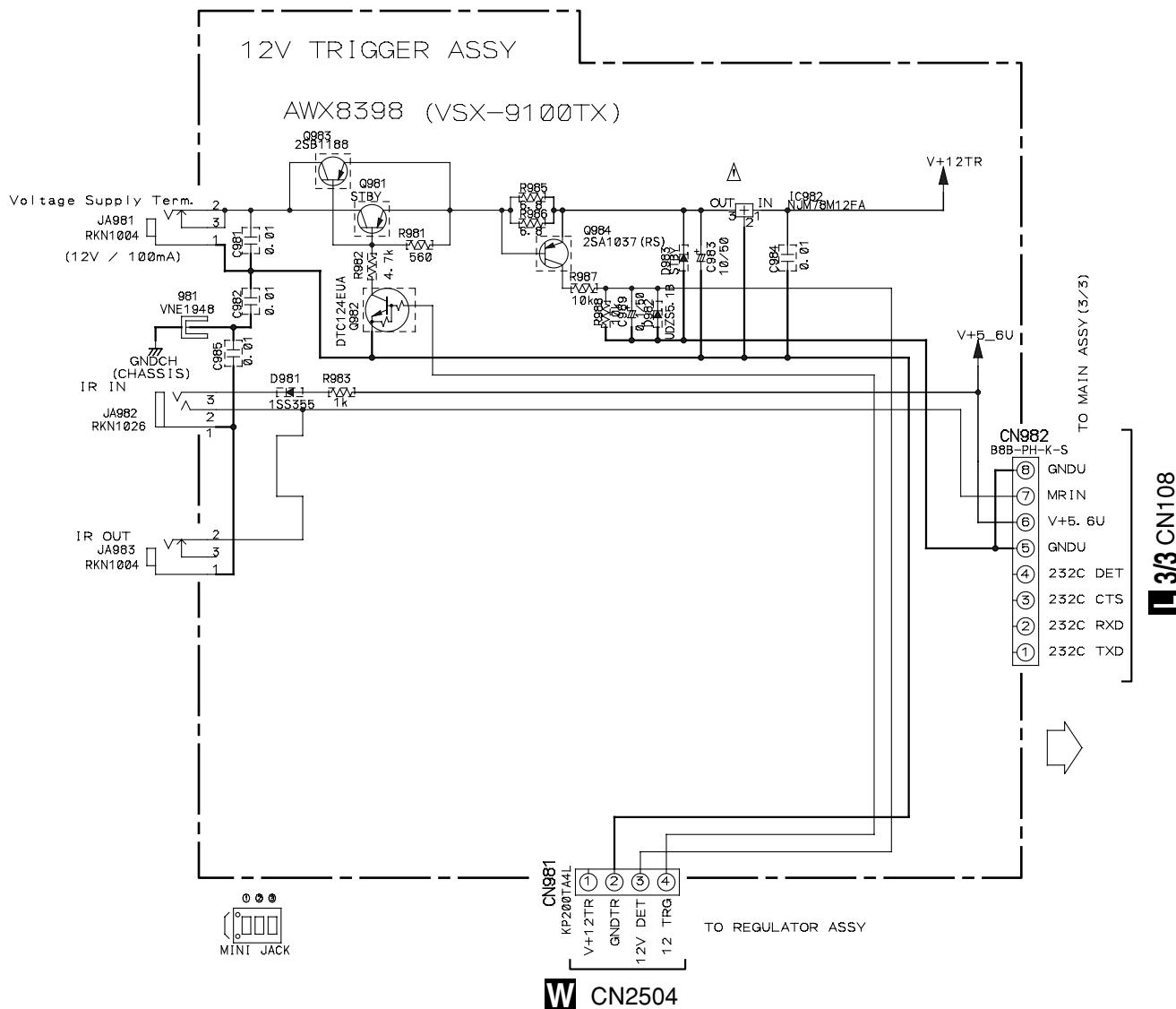
| Mark | Symbol and Description | Part No. | | Remarks |
|------|--|---|---------|--|
| | | AWX8395 | AWX8398 | |
| | IC 981 (RS-232) Q991 D991, D992 C986, C992, C997 C991 | SP232AEN 2SC1740S 1SS355 CKSRYB103K50 CEAT101M16 | | Not used Not used Not used Not used Not used |
| | C993- C996 C998 L992 R991- R994 R995, R998 | CEAT1R0M50 CCSRCH331J50 LAU1R0J RS1/16S101J RS1/16S224J | | Not used Not used Not used Not used Not used |
| | R996 R997 CN983 9P D-SUB SOCKET | RS1/16S474J RS1/16S103J AKP1213 | | Not used Not used Not used |

2. SCHEMATIC DIAGRAM

2.1 12V TRIGGER ASSY

A

K F 12V TRIGGER ASSY (AWX8398)



K F

K F