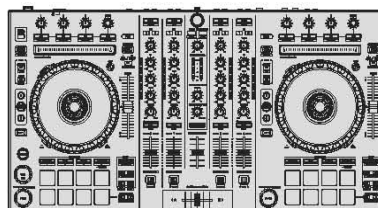


**Pioneer**

# Service Manual



DDJ-SX

ORDER NO.  
**RRV4382**

DJ Controller

# DDJ-SX

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

| Model  | Type   | Power Requirement | Remarks |
|--------|--------|-------------------|---------|
| DDJ-SX | UXECB  | AC 100 V to 240 V |         |
| DDJ-SX | SVYXE8 | AC 100 V to 240 V |         |
| DDJ-SX | FLPXE  | AC 100 V to 240 V |         |
| DDJ-SX | AXE5   | AC 100 V to 240 V |         |
| DDJ-SX | KXE5   | AC 100 V to 240 V |         |

**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 2012**

K-MZV NOV. 2012 Printed in Japan

## EXTERIOR SECTION PARTS LIST

|   | <u>Mark No.</u> | <u>Description</u>  | <u>Part No.</u>     |  | <u>Mark No.</u> | <u>Description</u>   | <u>Part No.</u>     |
|---|-----------------|---------------------|---------------------|--|-----------------|----------------------|---------------------|
| A | 1               | CONTROL PCB Assy A  | 704-DDJS1-A421-HA   |  | 46              | CUE Button           | 100-S1B-2993-HA     |
|   | 2               | CONTROL PCB Assy B  | 704-DDJS1-A454-HA   |  | 47              | 2X Button            | 100-S1B-2994-HA     |
|   | 3               | TRANSFER PCB Assy   | 704-DDJS1-A429-HA   |  | 48              | VINYL Button         | 100-S1C-2989-HA     |
|   | 4               | DSP PCB Assy        | 704-DDJS1-A418-HA   |  | 49              | DECK 4 Button        | 100-S1C-2990-HA     |
|   | 5               | OUTPUT PCB Assy     | 704-DDJS1-A425-HA   |  | 50              | MASTER CUE Button    | 100-S1C-2993-HA     |
|   | 6               | BAL. PCB Assy       | 704-DDJS1-A423-HA   |  | 51              | Button               | 100-S1C-2994-HA     |
|   | 7               | MIX PCB Assy        | 704-DDJS1-A417-HA   |  | 52              | LOAD Button          | 100-S1D-2993-HA     |
|   | 8               | CH FADER PCB Assy   | 704-DJM250-A032-HA  |  | 53              | AUTO LOOP Button     | 100-S1E-2993-HA     |
|   | 9               | FRONT PCB Assy      | 704-DDJS1-A424-HA   |  | 54              | S.S Button           | 100-S1F-2993-HA     |
|   | 10              | TOUCH PCB Assy      | 704-DDJS1-A426-HA   |  | 55              | H.R Button           | 100-S1G-2993-HA     |
| B | 11              | LED PCB Assy        | 704-DDJS1-A422-HA   |  | 56              | Push Button          | 100-22-2824-HA      |
|   | 12              | SENSOR PCB Assy     | 704-PDJ33-A007-HA   |  | 57              | Ground Terminal      | 200-S1-665-HA       |
|   | 13              | PAD & FSR Assy      | 704-S1-A458-HA      |  | 58              | Sensor Fixed Plate   | 300-HDJ9800-981-HA  |
|   | 14              | LED & COVER Assy    | 704-DDJS1-A455-HA   |  | 59              | Winding Fixture      | 300-HM510B-224-HA   |
|   | 15              | Power Knob          | 100-HDJ2000-1641-HA |  | 60              | Ground Plate         | 300-MX200-1743-HA   |
| C | 16              | Rectangular Button  | 100-SX-2989S-HA     |  | 61              | Encoder Plate        | 300-PROS2-848-HA    |
|   | 17              | Windows Lens        | 100-S1-2985-HA      |  | 62              | Encoder Fixed Plate  | 300-PROS2-851-HA    |
|   | 18              | SHIFT Button        | 100-S1-2989-HA      |  | 63              | Front Panel          | 300-S1-2043-HA      |
|   | 19              | DECK 1 Button       | 100-S1-2990-HA      |  | 64              | CF Fixed Plate       | 300-S1-2045-HA      |
|   | 20              | LITTLE ROUND Button | 100-S1-2991-HA      |  | 65              | CH Fader Fixed Plate | 300-S1-2046-HA      |
|   | 21              | 2 Key Button        | 100-S1-2992S-HA     |  | 66              | XLR Fixed Plate      | 300-S1-2048-HA      |
|   | 22              | ON Button           | 100-S1-2993-HA      |  | 67              | JW LED Base          | 300-S1-2049-HA      |
|   | 23              | 1,2 Button          | 100-S1-2994-HA      |  | 68              | ••••                 |                     |
|   | 24              | PLAY SYNC Button    | 100-S1-2995-HA      |  | 69              | Ground Plate         | 300-S1-2051-HA      |
|   | 25              | DUAL DECK Button    | 100-S1-2996-HA      |  | 70              | Ground Plate         | 300-S1-2057-HA      |
| D | 26              | LM Lens             | 100-S1-2997-HA      |  | 71              | Ground Plate         | 300-S1-2058-HA      |
|   | 27              | Tempo Lens          | 100-S1-2998-HA      |  | 72              | Cover                | 300-S1-2059-HA      |
|   | 28              | Fixed Plate         | 100-S1-2999-HA      |  | 73              | Isolation Plate      | 300-S1-2060-HA      |
|   | 29              | Strain Relief Bush  | 100-S1-3000-HA      |  | 74              | Fixed Cover          | 300-33-1918-HA      |
|   | 30              | JW Ring             | 100-S1-3001-HA      |  | 75              | 1P Lead Wire         | 406-S1-1231-HA      |
|   | 31              | VR Cover            | 100-S1-3002-HA      |  | 76              | ••••                 |                     |
|   | 32              | CF Button           | 100-S1-3003-HA      |  | 77              | 30P 1.0 FFC Cable    | 406-S1-1233-HA      |
|   | 33              | Button              | 100-S1-3004-HA      |  | 78              | 37P 1.0 FFC Cable    | 406-S1-1234-HA      |
|   | 34              | SPEED PUSH Button   | 100-S1-3005-HA      |  | 79              | 37P 1.0 FFC Cable    | 406-S1-1235-HA      |
|   | 35              | FX Rotate Knob      | 100-S1-3006-HA      |  | 80              | Dust-Proof Slice     | 501-HDJ9800-1648-HA |
| E | 36              | Beat Rotate Knob    | 100-S1-3007-HA      |  | 81              | Deck Panel           | 501-S1-2521-HA      |
|   | 37              | Gain Rotate Knob    | 100-S1-3008-HA      |  | 82              | Front Panel          | 501-S1-2522-HA      |
|   | 38              | Filter Rotate Knob  | 100-S1-3009-HA      |  | 83              | Search Panel         | 501-S1-2524-HA      |
|   | 39              | Browser Rotate Knob | 100-S1-3010-HA      |  | 84              | Isolation Slice      | 501-S1-2542-HA      |
|   | 40              | CENSOR Button       | 100-S1A-2989-HA     |  | 85              | ••••                 |                     |
|   | 41              | DECK 2 Button       | 100-S1A-2990-HA     |  | 86              | Clip (1mm)           | 603-S1-394-HA       |
|   | 42              | TAP Button          | 100-S1A-2993-HA     |  | 87              | Clip                 | 603-S1-395-HA       |
|   | 43              | IN/OUT Button       | 100-S1A-2994-HA     |  | 88              | Velocity Soft Knob   | 604-S1-608-HA       |
|   | 44              | CENSOR Button (-)   | 100-S1B-2989-HA     |  | 89              | Sponge               | 612-DJFA-373-HA     |
|   | 45              | DECK 3 Button       | 100-S1B-2990-HA     |  | 90              | Foot Mat             | 612-S1-445-HA       |



| MODEL No.     | * | SER. No       | S/M No. | PG |
|---------------|---|---------------|---------|----|
| DDJ-SX/AXE5   | A | MCHN000201CN- |         |    |
| DDJ-SX/FLPXE  | A | MCHN003001DA- |         |    |
| DDJ-SX/KXE5   | A | MFHN000101KA- |         |    |
| DDJ-SX/SVYXE8 | A | MCHN004501WY- |         |    |
| DDJ-SX/UXECB  | A | MBHN007101UC- |         |    |

**DETAIL**

|                                |                                                                                                                                                                                                                |
|--------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>SYMPTOM</b>                 | Mic sound is distorted when certain microphone is connected to Mic1 or Mic 2 terminal or when excessive level inputs                                                                                           |
| <b>CAUSE</b>                   | Due to low specification to excessive input from microphone compared with the past models                                                                                                                      |
| <b>SERVICE REMEDY</b>          | Please perform the following remedies together<br>1. Hardware modification of DSP PCB ASSY<br>1) Delete R236 & R296 2) Short between one or more of 14-16pin of IC24 and GND<br>2. Firmware upgrade (Ver.1.05) |
| <b>FACTORY COUNTER-MEASURE</b> | Same as service remedy<br>Modified unit has a blue circle at the side of serial No. indication as modification mark                                                                                            |

There is a possibility that firmware has already been upgraded by customer itself before you repair the unit because firmware program has been posted on Pioneer customer's website.  
This matter is a few improved even if only firmware upgrade is done. But please do hardware modification when bringing repair unit to ASC or when customer is not satisfied by only firmware upgrade.

Please refer to the next page for detailed hardware modification.  
Firmware upgrade can be done by download from PC with program via USB. Please refer to P.31 of SM (RRV4382) for upgrade procedure.

| * | CURRENT PARTS      |                   | CO<br>DE | NEW PARTS         |                    |
|---|--------------------|-------------------|----------|-------------------|--------------------|
|   | SYMBOL/DESCRIPTION | PART NUMBER       |          | PART NUMBER       | SYMBOL/DESCRIPTION |
| A | DSP PCB ASSY       | 704-DDJS1-A418-HA | 1        | 704-DDJS1-A552-HA | DSP PCB ASSY       |
| A | R236(NSP)          | 412-CDVD2001-540  |          |                   | Delete             |
| A | R296(NSP)          | 412-CDVD2001-540  |          |                   | Delete             |

( ! ): You should use specified parts by safety regulations.

PIONEER SERVICE NETWORK CORPORATION

NOTE:PARTS CODE

1:Changeable form old to new.

Memo: TPH13-038

2:Not Interchangeable at all.

QA67-N015-A

3:Interchangeable in both ways.

TI-32013

5:Do not use old parts.

( E1 W1 )

Technical Support Division