JamStation
BACKING MACHINE WITH AUDIO TRACK

JS-5
SERVICE NOTES
Issued by RJA

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SPECIFICATIONS

JS-5: JamStation
- Maximum Polyphony: 32 voices
- Instruments: Includes Basic: 128
- Effects:
  - Chorus
  - Insert Effects (40 types)
- Styles:
  - Preset Style: 200 x 8 (Forms)
  - User Style: Maximum 20 x 8 (Forms)
- Songs:
  - Preset Songs: 200
  - User Songs: maximum 100
  - Card Songs: maximum 100
  - Song Length: Maximum 999 measures for song
- Resolution:
  - Per quarter note: 96
- Tempo:
  - Preset Tempo: 1 minute, 58 seconds (Long recording mode)
  - User Tempo: 1 minute, 35 seconds (Hi-Fi recording mode)
- Data Input Method:
  - Realtime / Step
- Power Supply:
  - AC 100V: 01786212
  - AC 200V: 01786245
- Memory Card:
  - SmartMedia: 8 to 64 MB
  - SmartMedia with a power-source voltage of 3.3V.
- Drums:
  - Drums Kits: 16
  - Instruments (including Bass): 128
  - Drum Kits: 16

 располагаемых записей на памяти.

 SmartMedia: Этот термин принадлежит компании Toshiba Corporation.

 \* Above the times are the total recording times for all songs. If you record for an extended time on one song, the recording available for the other songs will decrease, and in some cases recording may not be possible.

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LOCATION OF CONTROLS / パネル配置図

[Parts List of Rear Panel view]

<table>
<thead>
<tr>
<th>No.</th>
<th>PART CODE</th>
<th>PART NAME</th>
<th>DESCRIPTION</th>
</tr>
</thead>
<tbody>
<tr>
<td>02122212</td>
<td>TOP CASE</td>
<td>HE10740-010010</td>
<td></td>
</tr>
<tr>
<td>12499715</td>
<td>PUSH SWITCH</td>
<td>SPJN19430A</td>
<td></td>
</tr>
<tr>
<td>13449376</td>
<td>G.S.BUTTON</td>
<td>S1H BLK 249-175</td>
<td></td>
</tr>
<tr>
<td>13449376</td>
<td>MIDI CONNECTOR</td>
<td>YKF51-5048 (TWIN)</td>
<td></td>
</tr>
<tr>
<td>05669278</td>
<td>6.5MM JACK</td>
<td>LGRM6009-7100</td>
<td></td>
</tr>
<tr>
<td>13449343</td>
<td>JACK(STEREO)</td>
<td>HSJ1092-01040</td>
<td></td>
</tr>
<tr>
<td>01127067</td>
<td>SLIDE SWITCH</td>
<td>SSSF125-PG150</td>
<td></td>
</tr>
</tbody>
</table>

[Parts List of Front Panel view]

<table>
<thead>
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<th>No.</th>
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<th>PART NAME</th>
<th>DESCRIPTION</th>
</tr>
</thead>
<tbody>
<tr>
<td>02122212</td>
<td>TOP CASE</td>
<td>MF BLK/LCG</td>
<td></td>
</tr>
<tr>
<td>22480260</td>
<td>P.R.KNOB</td>
<td>MF BLK/LCG</td>
<td></td>
</tr>
<tr>
<td>02126590</td>
<td>11MM ROTARY POTENTIOMETER</td>
<td>RK1K1141-1MA</td>
<td></td>
</tr>
<tr>
<td>22480260</td>
<td>P.R.KNOB</td>
<td>MF BLK/LCG</td>
<td></td>
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<tr>
<td>02126589</td>
<td>14MM ROTARY POTENTIOMETER</td>
<td>RK14K1000 50KAX2</td>
<td></td>
</tr>
<tr>
<td>15029567</td>
<td>LED (SEG)</td>
<td>LB65-0VP</td>
<td></td>
</tr>
<tr>
<td>01451034</td>
<td>LCD UNIT</td>
<td>CM1621-OS</td>
<td></td>
</tr>
<tr>
<td>02126567</td>
<td>DISPLAY COVER</td>
<td>L BLK 248-303</td>
<td></td>
</tr>
<tr>
<td>22485303</td>
<td>D.R.KNOB</td>
<td>EVE GC1 F20 24B</td>
<td></td>
</tr>
<tr>
<td>01905467</td>
<td>ROTARY ENCODER</td>
<td>EVE GC1 F20 24B</td>
<td></td>
</tr>
<tr>
<td>02017867</td>
<td>BP104 RUBBER SW L</td>
<td>LN200RBARA (CHIP)</td>
<td></td>
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<tr>
<td>01457167</td>
<td>LED (RED)</td>
<td>LN200RBARA (CHIP)</td>
<td></td>
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<td>02017878</td>
<td>BP104 RUBBER SW R</td>
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<td>01457167</td>
<td>LED (RED)</td>
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<td>02126578</td>
<td>CARD CONNECTOR</td>
<td>CN015R-3013-0</td>
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<tr>
<td>01786712</td>
<td>ESCUTCHEON</td>
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EXPLODED VIEW PARTS LIST / 分解図パーツリスト

[Parts List]

<table>
<thead>
<tr>
<th>No.</th>
<th>Part Code</th>
<th>Part Name</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>02126567</td>
<td>DISPLAY COVE</td>
<td></td>
<td></td>
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<tr>
<td>22480260</td>
<td>P.R.KNOB</td>
<td>MF BLK/LCG</td>
<td></td>
</tr>
<tr>
<td>01451034</td>
<td>LCD UNIT</td>
<td>CM1621-OS</td>
<td></td>
</tr>
<tr>
<td>22485303</td>
<td>D.R.KNOB</td>
<td>L BLK 248-303</td>
<td></td>
</tr>
<tr>
<td>01905467</td>
<td>FERRITE-CORE</td>
<td>SSSC-40-12</td>
<td></td>
</tr>
<tr>
<td>02336256</td>
<td>CORE COVER</td>
<td></td>
<td></td>
</tr>
<tr>
<td>02121445</td>
<td>BAN CARD</td>
<td>BNCD P=1.25 K-130,14-220</td>
<td></td>
</tr>
<tr>
<td>02121456</td>
<td>BAN CARD</td>
<td>BNCD P=1.25 K-14-220</td>
<td></td>
</tr>
<tr>
<td>12569249</td>
<td>LITHIUM BATTERY</td>
<td>CR2025 20AH</td>
<td></td>
</tr>
<tr>
<td>71568023</td>
<td>SW BOARD ASSY</td>
<td>#575X W50MM 30M 10P 30CM</td>
<td></td>
</tr>
<tr>
<td>40123593</td>
<td>DOUBLE FACED ADHESIVE TAPE</td>
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</table>

[Screw]

<table>
<thead>
<tr>
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<th>Description</th>
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<tbody>
<tr>
<td>40011323</td>
<td>SCREW 3X10</td>
<td>BINDING TAPITIE P.FE BCZ</td>
<td></td>
</tr>
<tr>
<td>40019123</td>
<td>SCREW 3X8</td>
<td>BINDING TAPITIE S BCZ</td>
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</tr>
</tbody>
</table>

NOTE: This WASHER and NUT are included in #01905467 ROTARY ENCODER EVE GC1 F20 24B.
EXPLoded VIEW / 分解図（本体）

※Marked mean for 100V, 230V, 240V area.
※のついているパーツは、他の図で示されない専用のパーツです。
WIRING DIAGRAM / ワイヤリング配線図

PARTS LIST / パーツリスト

SAFETY PRECAUTIONS:
The parts marked △ have safety-related characteristics. Use only listed parts or replacement.

CONSIDERATIONS ON PARTS ORDERING:
When ordering any parts listed in the parts list, please specify the following items in the order sheet.
- QTY
- PART NUMBER
- DESCRIPTION
- MODEL NUMBER

CASING / ケース
- # 02122212 TOP CASE
- # 02125587 DISPLAY COVER

CHASSIS / シャーシ
- # 02126556 BOTTOM CHASSIS
- # 02126567 DISPLAY COVER

KNOB, BUTTON / つまみ、ボタン
- 12499175 GS-BUTTON S1H BLK 249-175
- 22480260 PR-KNOB MF BLK/LCG
- 22485303 DR-KNOB L BLK 248-303

SWITCH / スイッチ
- 13129369 SPUN19430A PUSH SWITCH SW2 on MAB
- 01127067 SSSF123-P06S0 SLIDE SWITCH SW1 on MAB

DISPLAY UNIT / ディスプレイユニット
- 01451034 CM1621-OS LCD UNIT

NOTE: Replacement CM1621-OS should be made on a unit basis.

JACK, SOCKET / ジャック、ソケット
- # 01902212 UPD431000AGW-70LL-E2 IC (SRAM) IC21,IC16 on MAB
- 02067012 LC324260AJ-60-TLM IC (DRAM) IC20 on MAB

PCB ASSY / 製造元部品
- # 02230800 MAIN SHIELD
- 01786712 ESCUTCHEON
- 01900445 AC JACK HOLDER

NOTE: "MAIN ASSAY ASSY" includes the following parts.

IC
- # 02233669 UDTH70102QJ-33-301-8EU IC (14BIT CPU) on MAB
- 01679978 RAM0028PETE203C180AF02 IC (CUSTOM) on MAB
- 01213556 LC324258B-SD1 IC (7800)
- 01902212 UPD431000AGW-70LL-E2 IC (SRAM) IC21,IC16 on MAB
- 01900445 LC324258B-60-TLM IC (DRAM) IC20 on MAB
- # 02124899 M25X5120MC-10-1386 IC (FLASH-ROM) IC10 on MAB
- 01696145 LH5BF1655YT-L70 IC (FLASH MEMORY) IC9,IC13 on MAB
- 01786112 A46922F IC (ADDA) IC12 on MAB
- 15291189 LC54421(FE12L) IC (ICM) on MAB
- 00232645 TCW141F1E12L IC (CMOS) IC17 on MAB
- 00564701 TCJ5168MF(T46L) IC (CMOS) IC26,IC25 on MAB

NOTE: The parts marked △ are new (initial parts).

SWB: SW BOARD
- # 0151034 CM1621-OS LCD UNIT

NOTE: Replacement CM1621-OS should be made on a unit basis.

BNCD-P=1.25-K-26-130
BNCD-P=1.25-K-14-220

LCD
CM1621-OS

MAIN BOARD
CN2
ENC BOARD
RIBBON CABLE
3X30-P 2.0

SW BOARD
CN1

BNCD-P=1.25-K-26-130
BNCD-P=1.25-K-14-220

SAFETY PRECAUTIONS:
The parts marked △ have safety-related characteristics. Use only listed parts or replacement.
### PACKING / 包装

<table>
<thead>
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<tbody>
<tr>
<td>0228767</td>
<td>PAD LOWER</td>
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<tr>
<td>0212654</td>
<td>ADA PAD</td>
<td>1</td>
</tr>
<tr>
<td>0212653</td>
<td>PAD UPPER</td>
<td>1</td>
</tr>
<tr>
<td>0212652</td>
<td>PACKING CASE</td>
<td>1</td>
</tr>
<tr>
<td>0228756</td>
<td>PACKING CASE</td>
<td>1</td>
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### MISCELLANEOUS / その他

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<th>Description</th>
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<tbody>
<tr>
<td>4012255</td>
<td>DOUBLE FACED ADHESIVE TAPE</td>
<td>1</td>
</tr>
<tr>
<td>1256924</td>
<td>LITHIUM BATTERY</td>
<td>1</td>
</tr>
<tr>
<td>2290712</td>
<td>CORD HOOK</td>
<td>1</td>
</tr>
<tr>
<td>0228449</td>
<td>FOOT</td>
<td>4</td>
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<tr>
<td>4047767</td>
<td>LABEL</td>
<td>1</td>
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<tr>
<td>1218981</td>
<td>BATTERY HOLDER</td>
<td>1</td>
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### ACCESSORIES (STANDARD) / 標準付属品

<table>
<thead>
<tr>
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<th>Description</th>
<th>Qty</th>
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</thead>
<tbody>
<tr>
<td>0178621</td>
<td>AC ADAPTOR</td>
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</tr>
<tr>
<td>0178622</td>
<td>AC ADAPTOR</td>
<td>1</td>
</tr>
<tr>
<td>0178623</td>
<td>AC ADAPTOR</td>
<td>1</td>
</tr>
<tr>
<td>0178624</td>
<td>AC ADAPTOR</td>
<td>1</td>
</tr>
<tr>
<td>7156805</td>
<td>OWNER'S MANUAL</td>
<td>1</td>
</tr>
<tr>
<td>7167284</td>
<td>OWNER'S MANUAL</td>
<td>1</td>
</tr>
<tr>
<td>4023238</td>
<td>BOSS 14.5X14.54</td>
<td>1</td>
</tr>
</tbody>
</table>

### IDENTIFYING THE VERSION NUMBER / バージョンナンバーの確認方法

1. Turn on the power by pressing "INTRO" and "LATIN" simultaneously.

2. The version Nos. of the program built in the CPU, the one built in the flush memory, and the preset data will be displayed in this order.

```markdown
<table>
<thead>
<tr>
<th>CPU</th>
<th>EXT</th>
<th>DATA</th>
</tr>
</thead>
<tbody>
<tr>
<td>*</td>
<td>*</td>
<td>**</td>
</tr>
<tr>
<td>*</td>
<td>**</td>
<td>****</td>
</tr>
<tr>
<td>*</td>
<td>**</td>
<td>****</td>
</tr>
</tbody>
</table>
```

---

日本語

1. 電源を入力して、INTROとLATINを同時に押してください。

2. CPUに内蔵されているプログラムのバージョン番号、フラッシュメモリに内蔵されているプログラムのバージョン番号、プリセットデータのバージョン番号が順番に出力されます。

```markdown
<table>
<thead>
<tr>
<th>CPU</th>
<th>EXT</th>
<th>DATA</th>
</tr>
</thead>
<tbody>
<tr>
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<td>*</td>
<td>**</td>
</tr>
<tr>
<td>*</td>
<td>**</td>
<td>****</td>
</tr>
<tr>
<td>*</td>
<td>**</td>
<td>****</td>
</tr>
</tbody>
</table>
```
USER DATA SAVE AND LOAD / データのセーブとロード

この機能では、JS-5のメモリーカードにデータをセーブ・ロードできます。

1. メモリーカードにデータをセーブする

【メモリーカードのセーブ】

1. Make sure that a cord is inserted in the MEMORY CARD slot.
2. Press [UTILITY].
3. Press [CURSOR] to select “14 SYSTEM LOAD from CARD?”. The Load screen appears.
4. Press [ENTER].
5. Turn [VALUE] to select the file to be loaded.
6. Once you have determined the file to load, press [ENTER].
7. Turn off the power to the JS-5 or remove the memory card while the load is in progress.

【ファイルのロード】

1. Press [UTILITY].
2. Press [CURSOR] to select “14 SYSTEM LOAD from CARD?”.
3. Press [ENTER]
4. The backup file confirmation screen appears.
5. Turn [VALUE] to select the file you want to restore.
6. Once you have determined the file to restore, press [ENTER].
7. The screen for selecting the Backup File appears.
8. Press [ENTER].
10. Press [UTILITY].
11. Press [CURSOR] to select “14 SYSTEM LOAD from CARD?”.
12. Press [ENTER].

※ 中止するときは、[ ]を押します。
※ [ ]を押すと、バックアップファイルの名前が表示されます。
※ データのないバックアップファイルをロードすることはできません。

※ ロードが完了すると、[ ]と表示されます。
※ セーブ・ロードは、常にメモリーカードを使用してください。
FACTORY RESET / ファクトリーリセットの方法

This returns all settings on the JS-5 to the values they had when the unit shipped from the factory. This is called Factory Reset. When you perform a Factory Reset, all sequence data is erased and other settings are reset to their standard default values.

1. Press [UTILITY].
2. Press [CURSOR] and select “16 SYSTEM FACTORY RESET?”. The Factory Reset screen appears.
3. Press [ENTER]. A screen prompting you to confirm the Factory Reset operation appears.
4. To delete the data, press [ENTER]. The data is deleted. The following screen appears while the process is carried out.

FACTORY RESET Now Working...

When the Factory Reset is finished, the display will indicate “Completed!”
TEST MODE / テストモード

Caution!
If the unit has the data of the user in its memory, be sure to back it up first in a smartmedia card before you begin the repair work. (Refer to "Saving Data" and "Loading Data" sections as to how to archive the user data.)

Inspection Items
0. VERSION
1. SRAM
2. BATTERY
3. MEMORY CARD
4. SWILED ALL
5. PROGRAM ROM
6. DATA ROM
7. FLASH ROM
8. SRLED & VALUE
9. LCD
10. MIDI
11. DA/AD
12. ANALOG
13. SOUND MODULE
14. Residual noise
15. FACTORY RESET & CALIBRATION

Tools
• A foot switch (Boss FS-5U)
• A conversion cable (stereo standard plug → standard plug x 2) (ROLAND PCS-31)
• A MIDI cable
• A noise meter (JIS-A § IHF-A)
• An oscilloscope
• A 3.3V smartmedia card (8~64MB) (not write-protected)
• A 3.3V smartmedia card (8~64MB) (write-protected)

Preparation for Test Mode
• Connect the foot switch to the [FOOT SW] jack.
• Connect the [MIDI IN] jack and [MIDI OUT] jack with a MIDI cable.
• Turn the REC LEVEL control on JS-5 to MAX (turn it clockwise until the end).
• Turn the VOLUME control on JS-5 to MIN (turn it counterclockwise until the end).
• Set RECORDING through LINE on JS-5.

Inspection
0. VERSION
Turn on the power by pressing both the [ROCK3] and [BALLAD] buttons simultaneously. The version of the program will be displayed on the LCD.

1. SRAM
After you pressed [CURSOR ⤏] and [CURSOR ⤍], the SRAM inspection screen will appear. The version of the program will be displayed on the LCD.

CPU EXT DATA
1.00 1.00 1.00

Press [CURSOR ⤏] to move from one inspection screen to another in the test mode.

Start inspection with the SRAM check by pressing [CURSOR ⤏] twice.

1. SRAM
After you pressed [CURSOR ⤏] and [CURSOR ⤍], SRAM is inspected automatically, and the results will be displayed.

Press [CURSOR ⤏] to proceed to the next inspection.

2. BATTERY
The result of the inspection will be displayed. Press [CURSOR ⤏] to proceed to the next inspection.

Press [ENTER], and the voltage of the battery for backing up the memory will be displayed.

BATTERY VOLTAGE: V

Press [ENTER], and the inspection will start.

Insert Card

Remove the smartmedia card (not write-protected) from [MEMORY CARD].

Insert the smartmedia card (write-protected) into [MEMORY CARD].

The result of the inspection will be displayed. Press [CURSOR ⤏] to proceed to the next inspection.
4. SW&LED ALL

Press [CURSOR] to proceed to the next inspection.

Connect two foot switches to FOOT SW on the unit using the conversion cable (stereo standard plug - standard plug x 2).

Confirm that all the LEDs of the transparent buttons are lit.
Press each button as it is displayed on the LCD.

The order to press the switches:

[Intro]→[Verse1]→[Fill1]→[Verse2]→[Fill2]→
[Break]→[Break2]→[Ending]→[Chord]→
[Blues]→[Riff]→[Jazz]→[Fusion]→[Dance]→
[Song]→[Style]→[Card]→[Ser]→[World]→
[Country]→[Latin]→[Cursorn]→[Cursorn]→
[Exit]→[Enter]→[Tempo]→[Long REC]→
[Effects]→[Part]→[Utility]→[Shift]→[Drum]→
[Bass]→[Inst1]→[Inst2]→[Audio Track]→[FWD]→
[RWD]→[Reset]→[Loop1]→[Loop2]→[Stop]→[Start]→[Rec]→[Foot SW1]→[Foot SW2]

Press [CURSOR] to proceed to the next inspection.

5. PROGRAM ROM

Confirm that "OK" is displayed on the LCD.
"****" shows the checksum value of the program ROM.

Press [CURSOR] to proceed to the next inspection.

6. DATA ROM

Confirm that "OK" is displayed on the LCD.
"****" shows the checksum value of the data ROM.

Press [CURSOR] to proceed to the next inspection.

7. FLASH ROM

Press [CURSOR] to proceed to the next inspection.

Caution:
Conducting this inspection erases all the user data. Be sure to back up the data first in a smartmedia card before you begin the inspection.
(Referred to "Saving Data" and "Loading Data" sections for how to archive the user data.)

Press [ENTER], and a message will appear asking you to confirm that you are erasing the user data.

DELETE USER DATA Are You Sure?

Press [ENTER], and the inspection is done and the results will be displayed.

Press [CURSOR] to proceed to the next inspection.

8. 7SEG&VALUE

Press [CURSOR] to proceed to the next inspection.

After pressing all the switches, the results of the inspection will be displayed.
Press [CURSOR] twice to proceed to the next inspection.

Confirm that "OK" is displayed on the LCD.
"****" shows the checksum value of the program ROM.

Press [CURSOR] to proceed to the next inspection.

Confirm that "OK" is displayed on the LCD.
"****" shows the checksum value of the data ROM.

Press [CURSOR] to proceed to the next inspection.
9. LCD

Press [ENTER], and the inspection will start.

Confirm that all the dots on the LCD are lit.

Turn VALUE to the left (counterclockwise), and confirm that the contrast becomes lower.

Turn VALUE to the right (clockwise), and confirm that the contrast becomes higher.

Press [EXIT] to exit the inspection.

10. MIDI

Connect MIDI IN and MIDI OUT with a MIDI cable.

Press [ENTER], and the MIDI inspection starts, and the results will be displayed.

Press [CURSOR ▷] to proceed to the next inspection.

11. DA/AD

Turn the VOLUME control to MAX (turn it clockwise until the end).

Press [ENTER] and confirm the output waveforms from OUTPUT and PHONES on the oscilloscope display.

Press [CURSOR ▷] to proceed to the next inspection.

12. ANALOG

Press [ENTER], and the inspection will start.

Switch RECORDING INPUT from [LINE] to [GUITAR], and then to [MIC], and confirm the output waveforms from OUTPUT displayed on the oscilloscope.

Press [CURSOR ▷] to proceed to the next inspection.
REC LEVEL = MAX
OSCILOSCOPE : 1mS/DIV, 1V/DIV

VOLUME:MAX (turn clockwise until the end)

12 ANALOG >

Press [ENTER] again after you confirmed that the output waveforms are correct.

12 ANALOG OK:

Remove the cable through which the square waveforms are inputted to [REC INPUT]. Press [CURSOR ▼] to proceed to the next inspection.

13. SOUND MODULE

Press [ENTER], and the inspection will start.
Confirm the output waveform from OUTPUT displayed on the oscilloscope.

13 SOUND MODULE >

Press [ENTER] and confirm the waveform affected by chorus.

13 SOUND MODULE Press [ENTER]

VOLUME.MAX (turn clockwise until the end)

13 SOUND MODULE >

Press [ENTER] again after you confirmed that the output waveforms are correct.

13 SOUND MODULE OK:

14. Residual Noise

VOLUME : MAX (turn clockwise until the end)
REC LEVEL : MIN (turn clockwise until the end)

Residual noise : less than -77.00dBm (JIS-A)

VOLUME : MAX

Press [ENTER], and the system will execute the factory reset and calibration.

After the factory reset and calibration were over, JS-5 will reset itself automatically.

15. FACTORY RESET AND CALIBRATION

Turn on the power by pressing [INTRO] and [ROCK1] simultaneously.

Press [ENTER], and the system will execute the factory reset and calibration.

Factory Reset Now Working...

If the factory reset and calibration were over, JS-5 will reset itself automatically.

SONG: ROCK 1 >
001: JS-5 Hard Rock

Turn off the power.

Caution!
Loading the files you had backed up previously on the smartmedia card to JS-5 will overwrite the factory reset and calibration.

注意
Loading the files you had backed up previously on the smartmedia card will overwrite the factory reset and calibration.
CIRCUIT BOARD (MAIN) / 基板図
CIRCUIT DIAGRAM (MAIN-2)
CIRCUIT BOARD (SW BOARD) / 基板図

SW BOARD ASSY (71568034)

View from components side.
CIRCUIT DIAGRAM (SW BOARD) / 回路図 図面
ERROR MESSAGES / エラーメッセージ

If you attempt an incorrect operation or if an operation could not be executed, the display will indicate an error message. Refer to this list and take the appropriate action.

Indication: Battery Low!
Cause: The internal backup battery is running down.
Solution: Once you see this message, have the battery replaced with a fresh one as soon as possible to avoid the loss of all data in memory. To have the battery replaced, consult with your retailer, the nearest Roland Service Center, or an authorized Roland distributor, as listed on the “Information sheet.”

Indication: Select User or Card
Cause: You are attempting to record a Preset Song or Style.
Solution: Press [USER] or [CARD] to select a User or Song Style.

Indication: Can’t Work! Preset Song
Cause: You are attempting to erase, delete or insert the data of a Preset Song.
Solution: Data in a Preset Song cannot be erased, deleted or inserted.

Indication: Can’t Work! Preset Style
Cause: You are attempting to erase or delete the data of a Preset Style.
Solution: Data in a Preset Style cannot be erased or deleted.

Indication: No Card!
Cause: [CARD] has been pressed with no memory card (SmartMedia) inserted or with the memory card inserted incorrectly.
Solution: The memory card has been removed after selection or is not shorted.

Indication: Unsupported Format!
Cause: The JS-5 cannot recognize or use the format of the inserted memory card.
Solution: Insert a memory card formatted for use with the JS-5. If the same message appears after you have taken the above steps, it is possible that the memory card is malfunctioning.

Indication: Protected!
Cause: You are attempting to write data to a memory card to which the Write Protect sticker has been applied.
Solution: If you wish to write data to the card, peel off the Write Protect sticker.

Indication: SONG/STYLE REC to Orig.Temp...
Cause: The tempo selected for recording an Audio track differs from that used for the previous recording.
Solution: The JS-5 automatically reverts to the original tempo (the original tempo).

Indication: Failed!
Cause: An error has occurred while copying or deleting data, or while carrying out some other operation, preventing the operation from being completed.
Solution: Try carrying out the operation once more.

Indication: No Memory!
Cause: The amount of remaining memory is not sufficient for recording or copying.
Solution: Delete unneeded data.
Indication: Use a memory card with sufficient free memory.

Indication: Too Much Data!
Cause: Recording/playback is not possible because there is too much performance data, or because the tempo is too fast.
Solution: Decrease the tempo.
Solution: Mute a part.
Solution: If you are using a user style, reduce the number of notes in the user style.

Indication: Tempo Too Fast!
Cause: The playback tempo is significantly faster than the tempo used during recording, thus preventing proper playback.
Solution: Adjust the tempo.

Indication: Tempo Too Slow!
Cause: The playback tempo is significantly slower than the tempo used during recording, thus preventing proper playback.
Solution: Adjust the tempo.

Indication: MIDI Off Line!
Cause: There is a problem with the MIDI cable connection.
Solution: Check to make sure the cable has not been pulled out or is not shorted.

Indication: MIDI Buffer Full!
Cause: Too many MIDI messages are being received at one time for the JS-5 to process them.
Solution: Press [EXIT], then reduce the number of MIDI messages received by the JS-5.

Indication: Checksum Error!
Cause: An exclusive message could not be correctly.
Solution: Press [EXIT], then try the operation once again.

Indication: MIDI Error!
Cause: MIDI messages could not be correctly.
Solution: Press [EXIT], then try the operation once again.

Indication: Unsupported Media!
Cause: The memory card inserted is not compatible with the JS-5.
Solution: Use a memory card compatible with the JS-5 (Up to 64 MB SmartMedia with a power-source voltage of 3.3 V).

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