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SERVICING NOTES
First Edition

SPECIFICATIONS/仕様

- Parts/音部構成
- Guitar Module(ギターモジュール)
- Multi Timbral Module(マルチ・ティンパル音部)
- Maximum Polyphony/最大同時発音数
- Memory/メモリー構成
- System Setup/システム設定・アップ
- Parts/Parts
- Song in Recorder/内蔵レコーダー用ソング
- Output/アウトプット
- Output Level/レベル
- Output Impedance/インピーダンス
- Output Noise Level/ノイズレベル
- Recorder/リコーダー
- Songs/ソング
- Recording Method/レコーディング方法
- Weighing/重量
- Accessories/アクセサリ
- Options/オプション

Roland

17059664 Printed in Japan(AFH0)(CR) 1
### PARTS LIST

<table>
<thead>
<tr>
<th>NO.</th>
<th>PART NUMBER</th>
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<tr>
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<td>Top Case</td>
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<td>2</td>
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<td>Bottom Chasis</td>
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<td>3</td>
<td>2236204</td>
<td>Display Cover</td>
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<td>4</td>
<td>2223015202</td>
<td>Base #12</td>
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<tr>
<td>5</td>
<td>22230768</td>
<td>Side Holder L</td>
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<td>22230767</td>
<td>Side Holder R</td>
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<td>22230757</td>
<td>Pedal Holder</td>
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<td>22230759</td>
<td>Rubber Switch Holder</td>
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<td>22472286</td>
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<td>12492175</td>
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<td>22131917</td>
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<td>211206867</td>
<td>Rubber Switch B</td>
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<td>2217010220</td>
<td>Support Spring [For Switch Pedal]</td>
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<td>Rubber Foot #35 [For Switch Pedal]</td>
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<td>7996310000</td>
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<td>18</td>
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<td>7996315050</td>
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<td>2236072120</td>
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<td>Copper Tape (No supply)</td>
</tr>
<tr>
<td></td>
<td></td>
<td>Expansion Board</td>
</tr>
</tbody>
</table>

**NOTE:** The above parts do not supply as replacement parts. Because it is option.

### SCREW

- 3x8mm Binding Head S w/BBC
- 3x8mm Binding Head P w/BC
- 3x6mm Binding Head S w/BC
- 3x6mm Binding Head P w/BC
- 3x8mm Binding Head S w/Cm
- 3x6mm Binding Head P w/Cm
- M3x4mm Flang Cm
- M3 Nut
- NW01 Wedge/NRP-395
- 3x8mm Binding Head P w/Cm
IDENTIFYING VERSION NUMBER/バージョンの確認方法

1. Power on while pressing VALUE DEC] button. (The display doesn't show any message yet.)
2. Press [ENTER] button, then the display shows version of program ROM (IC20 on Main Board).
3. To return to play mode, power on again.

LOADING THE FACTORY PRESET DATA/
ファクトリー・プリセット・データのロード方法

Caution: Save user data (if any) onto appropriate memorizable machine such as a memory card M-256 D/E to avoid data loss. For saving method, refer to “DATA SAVE/LOAD” on page 5-7.

When the Back-Up Battery is S-RAM (IC16 on Main Board) or Main Board has been replaced, take the following operations to initialize.

1. Power on while pressing [WRITE/COPY] button.
2. The display shows "ALL INIT." and "OK?" flashes. NOTE: To cancel initializing, press [EXIT] button instead of pressing [ENTER] button.
3. Press [ENTER] button.

SAVING AND LOADING METHOD OF GR-1 DATA/
データのセーブとロードの方法

During saving or loading data, previous steps can be canceled by pressing the [EXIT/NO] key. The key returns back to the previous screen each time it is pressed.

1. Saving data to the memory card (M-256E) (a) Saving the data stored in the internal memory to the memory card

NOTE: To save all of the internally stored data into the memory card, separate saving steps are required for patch data, system data and song data.

(a-1) Saving patch data
(1) Set the protect switch on the memory card to off.
(2) Insert the memory card into the card slot.
(3) Press the [WRITE/COPY] key and the display will show "40 WRITE P".
(4) Press the PARAMETER [PREVIOUS] key three times to select "ALL PATCH".
(5) Press the [ENTER] key or the display will show "45 CARD INT".
(6) Press the PARAMETER [NEXT] key to select "45 CARD INT".

(a-2) Saving system data

(1) Press the [WRITE/COPY] key and the display will show "40 WRITE P".
(2) Press the PARAMETER [PREVIOUS] key three times to select "ALL SYSTEM".
(3) Press the [ENTER] key or the display will show "45 CARD INT".

(a-3) Saving song data

1. メモリー・カード (M-256E) によるバックアップ
(a) メモリー・カードに内部メモリーの全データを保存する方法
(7) Press the [ENTER YES] key and the display will flash "OK?".

NOTE: If the inserted memory card is
formatted on another system, the display will
show "NOT GR-1" and then will change
to the card formatting screen in several
seconds. In the formatting screen, the display
shows "FORMATT" and flashes "OK?"
Pressing the [ENTER YES] key starts the
formatting. After formatting, the display flashes "COMPLETE" and returns
back to the previous screen. The system data
and patch data are automatically stored
into the card.

(6) Press the [ENTER YES] key. The display shows
"COMPLETE" and returns back to that of step (6)
above.

(5) Set the protect switch on the card to on and then
remove the card.

(a-2) Saving system data
(1) Return to para. (a) step (4). Press
PARAMETER [PREVIOUS] key two times
instead of three times to select "46 SYSTEM".
Proceed to the remaining steps in para. (a-1).

(a-3) Saving song data
(1) Return to para. (a) step (4). Press
PARAMETER [PREVIOUS] key once instead of
two times to select "47 SONGCOPY".
Proceed to the remaining steps in para. (a-1).

(b-2) Reading system data
(1) Return to para. (b) step (3). Press
PARAMETER [PREVIOUS] key two times to
select "46 SYSTEM".
Proceed to the remaining steps in para. (b-1).

(b-3) Reading song data
(1) Return to para. (b-1) step (3). Press
PARAMETER [PREVIOUS] key once to select
"47 SONGCOPY".
Proceed to the remaining steps in para. (b-1).

(b-4) Memory card's song & data to external backup device

NOTE: To use the external backup device means you will
lose some of the song data and system data.

(a) Saving all data from memory card

(b) Loading all data from memory card

NOTE: When reading all the data stored in the memory
card, separate loading methods are required for each
patch data, system data and song data.

(b-1) Reading patch data
(1) Insert the memory card containing the desired
data into the card slot.
(2) Press the [WRITE/COPY] key and the display
show "40 WRITE".
(3) Press PARAMETER [PREVIOUS] key three
times to display "45 ALLPATCH".
(4) Press [ENTER YES] key to display "45 CARD+INT".
(5) Press [ENTER YES] key again. The display
flashes "OK?"
(6) Press [ENTER YES] key further again. The
display will show "COMPLETE", indicating loading
process is finished, and returning back to the
screen of step (4) above.

(b-2) Reading system data
(1) Return to para. (b-1) step (3). Press
PARAMETER [PREVIOUS] key two times to
select "46 SYSTEM".
Proceed to the remaining steps in para. (b-1).

(b-3) Reading song data
(1) Return to para. (b-1) step (3). Press
PARAMETER [PREVIOUS] key once to select
"47 SONGCOPY".
Proceed to the remaining steps in para. (b-1).

(b-4) Memory & data to external backup device

NOTE: To use the external backup device means you will
lose some of the song data and system data.

(a) Saving all data from memory card

(b) Loading all data from memory card

NOTE: When reading all the data stored in the memory
card, separate loading methods are required for each
patch data, system data and song data.

(a-1) Saving system data
(1) Return to para. (a) step (4). Press
PARAMETER [PREVIOUS] key two times
instead of three times to select "46 SYSTEM".
Proceed to the remaining steps in para. (a-1).

(a-2) Memory & data to external backup device

NOTE: To use the external backup device means you will
lose some of the song data and system data.

(a-3) Saving song data
(1) Return to para. (a) step (4). Press
PARAMETER [PREVIOUS] key once instead of
two times to select "47 SONGCOPY".
Proceed to the remaining steps in para. (a-1).

(b) Memory & data to external backup device

NOTE: To use the external backup device means you will
lose some of the song data and system data.
(10) <MC-500mk2>
 Specify the Song number in which to save the data.

(11) <MC-500mk2>
 Press the [REC/LOAD] key. The following display will appear and the MC-500mk2 is ready to receive data.

Press PLAY>> RECORD
M=1 J =120 REAL

(12) <MC-500mk2>
 Press the [PLAY/SAVE] key. The MC-500mk2 will enter recording mode after a little while so transmit data from the GR-1.

(13) <GR-1>
 Press the [ENTER YES] key to start bulk data transfer. During the data transmission the display shows "SENDING".

(14) <GR-1>
 When the bulk data transmission completes, the display shows "COMPLETE" and returns to that of step (4).

(15) <MC-500mk2>
 When the GR-1 has finished transmitting data press [STOP] key to exit recording mode.

(16) <MC-500mk2>
 For your safety we suggest that you save the received data to disk. To save to disk or load from disk refer to the "SUPER MC" Owner’s Manual.

(17) This completes data reception.

(a-2) Transferring patch data and system data to the sequencer.
Return to para. (a-1), perform step (4), and then press PARAMETER [NEXT] once to select "13 PATCHCALL".
Follow the remaining steps in para. (a-1).
With GR-1, PATCHCALL feature of the bulk dumping also transmits the system data.

(b) Transferring all the sequencer data to the GR-1

NOTE: To transfer all of the data stored in the sequencer to the GR-1, separate methods are required for each song data and other data (patch data and system data).

(b-1) Transferring song data from the sequencer to the GR-1
(1) Connect the GR-1 MIDI IN to the MIDI OUT of the sequencer through the MIDI cable.
(2) <GR-1>
 Press the [SYSTEM] key and the display will show "10 S-COMMON".
(3) <GR-1>
 Press the PARAMETER [NEXT] key three times to select "13 BLK DUMP".
(4) <GR-1>
 Press the [ENTER YES] key to display "13 SONG".
(5) <GR-1>
 Press PARAMETER [PREVIOUS] key once to select "13 RECIV".
(6) <MC-500mk2>
 Use [x-Dial] or [(numeric key "1") + [ENTER] key] to select the first measure.
(7) <MC-500mk2>
 Press the [PLAY/SAVE] key.
(8) <GR-1>
 During the data receiving process the display shows "RECIV SV" (flashing SW).
(9) <GR-1>
 When the GR-1 has received the data, it displays "COMPLETE" and returns to the screen of step (5).
(10) <MC-500mk2>
 Press [STOP] key to stop the sequencer.
(11) The completes data reception.

(b-2) Transferring patch data and system data from the sequencer to the GR-1
(1) Connect the GR-1 MIDI IN to the MIDI OUT of the sequencer through the MIDI cable.
(2) <GR-1>
 Press the [SYSTEM] key and the display will show "10 S-COMMON".
(3) <GR-1>
 Press the PARAMETER [NEXT] key three times to select "13 BLK DUMP".
(4) <GR-1>
 Press the [ENTER YES] key to display "13 SONG".
(5) <GR-1>
 Press PARAMETER [PREVIOUS] key once to select "13 RECIV".

Note: The bulk data that have been transferred to the sequencer by using the GR-1 bulk dump "PATCHCALL" feature include the system data.

(6) <MC-500mk2>
 Use [x-Dial] or [(numeric key "1") + [ENTER] key] to select the first measure.
(7) <MC-500mk2>
 Press the [PLAY/SAVE] key.
(8) <GR-1>
 During the bulk data receiving process the display shows "RECIV mm" (mm = patch number 111-284).
(9) <GR-1>
 When the GR-1 has received the bulk data, it displays "COMPLETE" and returns to the screen of step (5).
(10) <MC-500mk2>
 Press [STOP] key to stop the sequencer.
(11) The completes data reception.

The following is the reference for saving the data:

(b) 1. When saving the data, the data will be saved in the following format:
- Song number 1 to 128 (120 REAL)
- Patch number 1 to 128
- System number 1 to 128

GR-1
TEST MODE/テスト・モード

CAUTION
This test erases the user data in the RAM. Save the user data before starting the test, referring to the "Data load/save" on P5-7. Before loading the user data back to the RAM, initialize the GR-1. See "Loading the factory preset data" on P5.

Tools required
- Test card (P/N 17049876, GR-1 Test card)
- EV-5 and DP-2 (for Test 2-2)
- MIDI cable (for Test 3)
- Monitor speaker or headphones (for Test 4)
- Guitar with GK-2 (for Test 5)
- Expansion board (for Test 6)

Test No. (figures and letters in parentheses represent pedal)
1 (1) : Panel switch test (2) : EDIT controls, EV-5 and DP-2 test (3) : MIDI test (4) : Sound test (5) : DOWN : GK-2 test (6) : EXP. board test

Each test procedure is detailed later in this manual. To exit a test press the EXIT key.

Entering the test mode
Insert the GR-1 test card into the card slot and turn on power.
The front panel display will read "GR-1 ** TEST MODE".

Exiting the test mode
Turn off power and remove the test card. The unit will operate in the normal mode when turned on again.

Tests
1. Panel switch test
(1) Press the pedal "1". Make sure that the display shows "P-SW CHK" and then "TONE 1ST".
(2) Press the TONE 1ST key which is indicated on the display. Release the key and the display will change to "TONE 2ND when TONE 1ST is good.
If the pedal 1 is not recognized, the test program pauses. In such a case, refer to the troubleshooting (P14). "Switches and pedals are not sensed" for corrective action.

(3) In the same way, activate the key or switch being indicated on the display.
The table below lists the switch names to be displayed, in the order of displaying sequence.

Note: Set the TARGET knob to the position displayed. If it is OK, the next position will be indicated.

0-1:
- TONE 1ST • TONE 2ND • "VALUEDEC" • "VALUEINC" • "PARM PVR" • "PARM NEXT" • "CURSOR L" • "CURSOR R" • "SYSTEM" • "PATCH" • "RECORD" • "WRITE/CP" • "STG INDV" • "STG CHNGD" • "D-GP DWN" • "D-GP UP" • "REV/CHO" • "RESET" • "START/STOP" • "REC" • "TRGM" • "TRST 2ND" • "TRST 1ST" • "TRST BTH" • "EXIT"

(4) When all the listed keys and switches are tested, the display will show "P-SW OK" and then "TEST MODE".

2. EDIT controls, EV-5 and DP-2 test
Press the pedal 2.
The display will show "EDIT CHK".

2-1 EDIT controls
- The display shows the controls in the order listed below. For each name displayed, perform the steps (1) and (2).

- "ATC**" • "DCTY***" • "RLS***" • "CJ**" • "ATC***" • "DCTY**" • "RLS**" • "CJ**" • "ATC**" • "DCTY***" • "RLS***" • "CJ**"..."CJ***"..."CJ***"

The *** following the control name represents the level settings of that control.
(1) Turning the knob between extreme values, verify that the reading changes between 0 and 127.
(2) Press the ENTER key. When the test is successful, the program proceeds to the next step.
If NG, the test pauses. Check VRs 2-8, wiring C and IC9 of the main board.
When all potentiometers are tested, the display shows "EDIT OK" and the program proceeds to the next test.

2-2 EXT pedal (EV-5 and DP-2) test
Set the offset knob on the EV-5 to 0.

2-2-1 EV-5 Resistance
The display reads "EX-PDCMK" for 1-2 seconds and then "EV-V***".
The *** will indicate the resistance.
(1) Connect the EV-5 to the EV-5 (VOLUME) jack.
(2) Fully swing the EV-5 and verify readings 0 to 127.
(3) Press the ENTER key.
When the test is successful, the program displays "EV-V OK" and proceeds to the next test.
If NG, the display shows "NO GOOD". Check JK8 and IC11 of the main board.

2-2-2 EV-5/DP-2 (EV-5)
The display shows "EV/PDM****" (flashing "EV"). (** = EV value)

(3) All SW of the circuit is turned ON, "P-SW OK" is displayed above "TEST MODE".

2-2 EXT pedal (EV-5 and DP-2) test
- The switch is pressed again.
- The display shows "EDIT CHK" and displayed below, "EDIT OK" is displayed.

2-2-1 EV-5 (VOLUME) test
12-bit, "EX-PDCMK" and displayed after, "EV-V***" and displayed.
***部分为EV-5的值是表示的。
(1) EV-5 (VOLUME) jack, with EV-5 and proceed.
(2) EV-5's switch to 80 and 0-127 range, check step and display, "NO GOOD".
(3) ENTER" is pressed and the display shows, OK in the event, "EV-V OK" and displayed, the next test.
NG, the display shows "NO GOOD" and displayed.
MIDI port of the IC9 is displayed again.

2-2-2 EV-5/DP-2 (EV-5)
- The switch is pressed again.
- The display shows "EV/PDM****" (flashing "EV"). (** = EV value)
- ***部分为EV-5的值是表示的。
3. MIDI test

(1) Connect MIDI IN socket to MIDI OUT socket through the MIDI cable.
(2) Press the pedal 3.
   The display will show "MIDI CHK".
   If the connection is good, the display changes to "MIDI OK" and then "TESTMODE".
   If NG, the display shows "MIDI ERR". Check J10, IC42, IC43 on the main board. Pressing the EXIT key returns back to "TESTMODE".

4. Sound test

(1) Connect the OUTPUT socket to the monitor speaker or headphones.
(2) Press the pedal 4.
   The display will read "SOUNDCH".
(3) Verify that Tone #14 "GR500" is 1 is heard. If the sound is not heard, proceed to the troubleshooting section on P.14, "Sound displayed but not heard."
(4) Press the ENTER or EXIT key.
   The test sound fades out and the display shows "TESTMODE".

5. GK-2 test

(1) Connect a guitar with the GK-2 to the GK-2 connector.
(2) Press the DOWN pedal.
   The display will show "GK-2 CHK", indicating that the following tests can be conducted.

Before starting test, check the JK9 of the main board for positive connection.

5-1 String channel test

(1) When the display reads "STG1 CHK", pick the 1st string.
   When the string is sensed and reproduced correctly, the display will change to "STG1 OK" and then "STG2 CHK".

If NG, check J68 and IC42 of the main board.
(2) Repeat step (1) for the 2nd and subsequent strings.
   When the tests complete successfully, the program proceeds to the next test.

5-2 S1 and S2 test

(1) When "S1 CHK" is displayed, press and hold the S1.
(2) Release the S1. The display should change to "S1 OK" and then "S2 CHK".
   If NG, "NO GOOD" is displayed. Check Q110, Q111 and IC1 of the main board.
   Press and hold the S2.
(3) Release the S2. The display should read "S2 OK".
   When the tests complete successfully, the program proceeds to the next test.

5-3 Synth/Guitar switch test

(1) Set the SYNT VOL on the GK-2 to maximum level position and SYNTH/GUITAR switch to SYNTH.
(2) As the display shows "S/G CHK", set the SYNTH/GUITAR switch to GUITAR and then back to SYNTH.
   When the switch is good, the display will change to "S/GOK".
   And the program proceeds to the next test.
   If NG, "NO GOOD" is displayed. Check J9 and IC11 of the main board.

5-4 SYNTH level test

(1) As the display shows "SVOL CHK", turn the SYNTH level between 0 and MAX.
   The display will read "SVOL **". The *** indicates the level.
(2) Verify the level reading changes between 0 and 127 according to the SYNTH VOL travel distance.
(3) Press the ENTER key.
   The display should show "SVOL OK" and then "SVOL OK".
   If NG, "NO GOOD" is displayed. Check J9 and IC11 of the main board.

6. Expansion board test

This test should be conducted with the expansion board installed. Refer to "Installing the expansion board" on P.15.

(1) Press the pedal UP.
   The display will show "EXP CHK". The display will change to "EXP OK" and return to "TESTMODE"
   when the expansion board is recognized.
   If NG, "EXP ERR" is displayed. Check CN2 and IC5 of the main board.
(2) Press the EXIT key and the display returns to "TESTMODE" screen.
**Apparatus containing Lithium batteries**

**ADVARELSE!**
Lithiumbatterier - Explosionsfære ved fejlagtig håndtering. Udskiftning må kun ske med batteri af samme fabrikat og type. Lavet eller brugt batteri tilbage til leverandøren.

**WARNING!**

**VAROITUS!**
Paristo voi räjähtää, jos se on virheellisesti analysoitu. Vaihda paristo ainoastaan laitteenvalmistajan sovittaamana tyyppien. Pariston käyttö on paristo valmistajan virallisesti määritellyt.

**NOTE1:** Replacement Main Board Assy does not include the Lithium Battery. Because lithium battery does not use for the back-up of factory presets. Order proper the lithium battery separately if necessary.

1256924980 Lithium Battery CR2032

**NOTE2:** Replacement Main Board Assy does not include the Expansion Board.

注: Main Board Assyが搭載されているリチウム電池は、外観当時のデータを保持する目的のみに使用されています。Main Board Assyをオーダーしても、リチウム電池は選択されていませんので注意して下さい。リチウム電池が必要な場合は、別途オーダーして下さい。

1256924980 Lithium Battery CR2032

注2：解体用Main Board Assyには、エキスパンション・ボードを含みません。
TROUBLESHOOTING/トラブルシューティング

Logics Tree A 製造図面

Sound displayed but not heard.

Does it sound when triggered by the recorder or MD signal?

Yes NO

Does some sound but some do not?

Yes NO

Monitoring the scope of the output, is the correct level of (1) and (2) output?

Yes NO

Check SW25, RA1 and IC1 on panel board.

Check SW25, PA1, IC102 on the main board.

Check SW25 and peripheral on the main board.

Check SW25 and peripheral on the main board.

Check SW25 and peripheral on the main board.

Does G.S. SEND OUT deliver the direct string sound?

Yes NO

Check Q17 and Q18 on the main board.

Check Q17 and Q18 on the main board.

Check Q17 and Q18 on the main board.

Is there any tone input when the original tone is pressed?

Yes NO

Check Q10 and IC10 on the main board.

Check Q10 and IC10 on the main board.

Check Q10 and IC10 on the main board.

If no, check pitch detection circuit for that string.

Yes NO

Check Q10 and IC10 on the main board.

Check Q10 and IC10 on the main board.

Check Q10 and IC10 on the main board.

If no, check pitch detector on the filter.

Yes NO

Check Q10 and IC10 on the main board.

Check Q10 and IC10 on the main board.

Check Q10 and IC10 on the main board.

PARTS ORDERING INFORMATION/オーダー上の注意

The sound CPU and sound program ROM used on the GR-1 may differ from those used on different GR-1's due to the GR-1’s serial number. However, the replacement parts required are the same regardless of the ordered model.

Our replacement policy of related parts is as follows:

1. Main Board: Always supply the latest one with the updated CPU and ROM.
2. CPU: Suppy new and old ones. If old CPU(s) is out of stock, also supply new ROM(s) even if it is not ordered.
3. ROM: Suppy new and old ones. If old ROM(s) is out of stock, also supply new CPU(s) even if it is not ordered.

For MAIN BOARD, sound CPU and sound ROM, please contact your nearest Yamaha dealer for details.

1. MAIN BOARD: NEW TYPE, CPU, ROM is the latest version.
2. CPU: OLD TYPE, NEW TYPE are both in stock.
3. ROM: OLD TYPE, NEW TYPE are both in stock.

Sno. ZE01001 to ZE347-99 (OLD TYPE)
15199823 HD6345832RB876F CPU for Sound Generator
15200437 MM3272C21K-12 2M EP-ROM (Tone Parameter)

Sno. ZE347-100 up (NEW TYPE)
15199849 HD6345832RB891F CPU for Sound Generator
15200589 TC5120000AP 2M MASK ROM (Tone Parameter)
1. Remove the bottom cover (for detail, see exploded drawing on p. 3). (3x6 mm Binding Head B tite BC x 9 pcs., 3x6 mm Binding Head P tite BC x 8 pcs.)

2. Attach the expansion board onto the main board, with the component side facing down, and then secure it using two 3 x 6 mm binding head B tite Cm screws. (See Fig. 1.)

3. Place the bottom cover on the top case (not screw them). Turn on power.
Press the [ORIGINAL TONE 1ST] key. Using the [VALUE] knob, call a tone, No. 200 or larger and make sure that the displayed tone name matches the selected tone.

4. Secure the bottom cover.

1. ボトム・シャーシを外して下さい。 (詳細は、分解図参照 (P. 3)) (3x6 mm Binding Head B tite BC x 9本, 3x6 mm Binding Head P tite BC x 8本)

2. メイン・ボードにエクスパンジョン・ボードを取り付け下げて下さい。エクスパンジョン・ボードは朝面を下にして3x6 mm Binding Head B tite Cm 2本で止めで下さい。（詳細は、図1参照）

3. ボトム・シャーシとトップ・ケースを合わせ（ビス止めはしない）、電源を入れて下さい。[ORIGINAL TONE 1ST]ボタンを押して、[VALUE]つまみでNo.200以降のトーンを呼び出し、トーンネームが正しく表示されることを確認して下さい。

4. ボトム・シャーシを取り付けて下さい。