**SPECIFICATIONS**

- **Reference Pitch**: A4 ± 438 to 445 Hz (1 Hz step)
- **Tuning Range**: C0 (16.35 Hz) to G8 (4186 Hz)
- **Tuning Accuracy**: ±3 cents
- **Input Impedance**: 1M ohm
- **Connectors**: Input jack, Output jack, Bypass jack, DC In jack, AC In jack
- **Power Supply**: 9V DC, optional AC Adaptor
- **Current Draw**: 55mA (Max.)
- **Dimensions**: 70(W) × 125(D) × 55(H) mm / 2-3/4(W) × 4-15/16(D) x 2-3/16(H) inches
- **Weight**: 420g / 15oz (including battery)
- **Options**: AC Adaptor PSA-100, PSA-120, PSA-230, PSA-240, Parallel DC Cord PCS-20A

---

**EXPLODED VIEW**

- **Switch**: JM-0404 (13129710)
- **Thumb Screw**: 3×10 (Black) (40125101)
- **Binding Tapping**: 3×6 B1 FeBZC (1 4) (40010967)
- **Battery Connector**: (2341070000)
- **Cover (Bottom Cover)**: (2217710201)
- **Pedal Guide Bush**: (2217705000)
- **Insulation Spacer**: (2216756000)
- **Cushion**: (2226733300)
- **Spring**: (2217710900)
- **Cock Screw**: 3×10 (Black) (40125101)

---

**PANEL LAYOUT**

- **Output Jack**: (13449717)
- **Input Jack**: (13449717)
- **TU-2 Case**: (22017127)
- **TU-2 Panel**: (2201704)
- **TU-2 LED Holder**: (2193501601)
- **LED (Red)**: L-934SRD-D (F5029112)
- **LED (Yellow)**: L-934SRYC (F5029113)
- **LED (White)**: L-3WSRSGW-CC (F5029403)
- **LED (Green)**: L-2WSRSGW-CC (F5029402)
- **LED (White)**: L-3WSRSGW-CC (F5029403)
- **Jack**: SG-7173 (13449717)
- **Jack**: SG-7173 (13449717)
- **Jack**: SG-7173 (13449717)
- **Foot Base**: (2235730400)
- **AC Adaptor Jack**: (2341070000)
- **PSA Caution**: (G2537401)
- **Thumb Screw**: 3×10 (Black) (40125101)
- **Binding Machine**: 3×10 FeBZC (2) (40010267)
- **Binding Tapping**: 3×6 B1 FeBZC (1 4) (40010967)
- **Bottom Cover**: (2253751600)
- **Bottom Caution PSA**: (G253751600)

---

All rights reserved. No part of this publication may be reproduced in any form without the written permission of ROLAND CORPORATION.

本书の一部もしくは全部を無断で複写・転載することを禁じます。

Roland

17059940

Printed in Japan ACE0 (DP) 1
TU-2 PARTS LIST パーツリスト

SAFETY PRECAUTIONS:
The parts marked (x) are new (initial parts).

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

DIODE
# F5339121 RD5.1S B3 Zener Diode D9 on CB
# F5029112 L-934SRD-D (Red) LED D12,14-18,20-24 on LB

DIODE
# F5339121 RD5.1S B3 Zener Diode D9 on CB
# F5029112 L-934SRD-D (Red) LED D12,14-18,20-24 on LB

NOTICE: Replacement PWB ASSY includes MAIN BOARD,CPU BOARD and LED PWB ASSY

IC
# 01674889 M37531M4-605FP Mask CPU IC3 on CB
# 17048414 PWB ASSY

NOTE: When replace the above screw with unit having Serial Number AL70600 or earlier, please change all of the 4 screws at the same time. The shape of the head part is

NOTE: When replace the above screw with unit having Serial Number AL70600 or earlier, please change all of the 4 screws at the same time. The shape of the head part is

ACCESSORIES (Standard) 標準装着品
# 00017441 Owner’s Manual (English)
# 00017440 Owner’s Manual (Japanese)
****** Battery S-006P 9V

MISCELLANEOUS (沖の他)
# 02574701 PTF-Cable
# 22157702 Pedal Guide Bush
# 2211700000 Speaker
# 2287700000 Customs
# 2541700000 Battery Connector
# 02574705 Bottom Caution PSA (CE, C-tick) Gray

CONSIDERATIONS ON PARTS ORDERING
When ordering any parts, please specify the following items in the order sheet.

QTY
PART NUMBER
DESCRIPTION
MODEL NUMBER

WIRING, CABLE ワイヤリングケーブル
# F547714-4 Flat Cable 4P
# F547704 Flat Cable 4P

SCREWS シュルフ
# 8920084301 3x13mm Hexagon Socket Head Caps Binding Tapping P6Fb

NOTE: Replancement PWB ASSY Includes MAIN BOARD,CPU BOARD and LED PWB ASSY

CONSIDERATIONS ON PARTS ORDERING
When ordering any parts, please specify the following items in the order sheet.

QTY
PART NUMBER
DESCRIPTION
MODEL NUMBER

NOTE: When replace the above screw with unit having Serial Number AL70600 or earlier, please change all of the 4 screws at the same time. The shape of the head part is

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

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

NOTE: Replacement PWB ASSY includes MAIN BOARD,CPU BOARD and LED PWB ASSY

NOTE: When replace the above screw with unit having Serial Number AL70600 or earlier, please change all of the 4 screws at the same time. The shape of the head part is

NOTE: When replace the above screw with unit having Serial Number AL70600 or earlier, please change all of the 4 screws at the same time. The shape of the head part is

NOTE: When replace the above screw with unit having Serial Number AL70600 or earlier, please change all of the 4 screws at the same time. The shape of the head part is

NOTE: When replace the above screw with unit having Serial Number AL70600 or earlier, please change all of the 4 screws at the same time. The shape of the head part is

NOTE: Replacement EEPROM(IC4) should be made on a PWB ASSY. No replacement is available for individual parts.
1. Version Number and [STREAM/CENT], [MODE] switch Check

The following Test is for both Version number Check and [STREAM/CENT], [MODE] switch Check. When you operate the following procedures 1, 2 and 3 in order, the 7SEG.LED indicates the Version Number. For example the following indication means Ver. 1.00.

1. Connect the AC Adapter (9V DC) while pressing [STREAM/CENT] BUTTON and [MODE] button.
   - The 7SEG.LED indicates the “1.” (The number means first figure of Version number)

2. Push [MODE] button
   - When the switch function normally, the 7SEG.LED indicates the “0”. (The number means second figure of Version number)

3. Push [STREAM/CENT] button
   - When the switch function normally, the 7SEG.LED indicates the “0”. (The number means third figure of Version number)

2. 7SEG.LED Check

Push the Pedal
- The Segment of 7SEG.LED blink as follows.

3. METER LED, TUNING GUIDE LED Check

Push the Pedal
- Meter LEDs blink in the direction shown by the arrow.
- Tuning Guide LED blinks alternately

4. EEPROM Check

1. Push the Pedal
   - All LEDs (including 7SEG(LED) except CHECK LED lights up

2. Push the Pedal
   - When the EEPROM (IC4-HT24C02) functions normally The 7SEG(LED) indicate the “0” and Meter LED light, after about 2 second they go dark
   - If there are errors in EEPROM (IC4-HT24C02) The 7SEG(LED) indicate the “E”
CIRCUIT BOARD (CPU, LED, MAIN) 基板图 电路板图 电路图
PWB ASSY (17048414)

CPU PWB ASSY
View from components side.

LED PWB ASSY
View from components side.

MAIN PWB ASSY
View from components side.