Because of unique interconnecting cables, when a component requires service, send or bring in the entire system.

Dolby noise reduction manufactured under license from Dolby Laboratories Licensing Corporation. "Dolby" and the double-D symbol are trade marks of Dolby Laboratories.

Specifications

Deck system: Stereo cassette deck
Track system: 4 track, 2 channel
Recording system: AC bias
  Bias frequency: 100 kHz
Erasing system: AC erase

Heads:
  Deck 1 Permalloy head
  Deck 2 Permalloy head
  (Recording/Playback head);
  (Erasing head); Double gap ferrite head

Motors:
  Deck 1, 2 Capstan drive;
Tape speed: DC servo motor
  4.8 cm/sec.
Wow and flutter: 0.16 % (WRMS)
Fast forward and rewind times: Approx. 110 seconds with C-60 cassette tape

Frequency response (Dolby NR off):
  TYPE I (NORMAL); 20 Hz – 16 kHz (DIN)
  TYPE II (HIGH); 20 Hz – 16 kHz (DIN)
  TYPE IV (METAL); 20 Hz – 16 kHz (DIN)

S/N (Signal level = max recording level, TYPE II type tape):
  NR off; 56 dB (A weighted)
  Dolby B NR on; 66 dB (A weighted)

Input sensitivity and impedance:
  REC (IN); 150 mV/ 23 kΩ
Output voltage and impedance:
  PLAY (OUT); 280 mV/ 360 Ω

General

Dimensions (W×H×D): 294×118.5×281 mm
Mass: 2.1 kg

Notes: Specifications are subject to change without notice. Mass and dimensions are approximate.

System | SC-EH760
-------|---------
Sound Processor | SH-EH760
Tuner/Amplifier | SA-EH760
CD Changer | SL-EH760
Cassette Deck | RS-EH760
Front Speakers* | SB-EH760
Center Speaker* | SB-PC75
Surround Speakers* | SB-PS75

* : Made in Spain.
Deck 1 cassette holder open button (OPEN)
Deck 1 cassette holder
Fast forward/rewind buttons (⏪, ⏯️)
Deck 2 cassette holder
Deck 2 cassette holder open button (OPEN)
Counter reset, display buttons (COUNTER, RESET, DISPLAY)
Deck 1/deck 2 select button (DECK 1/2)
Playback buttons and indicators (⏪, ⏯️)
The color of the indicators depends on the operation taking place.
If stopped, fast forwarding or rewinding: orange
If playing or recording: green
While carrying out TPS or recording is on standby: flashes
Stop button (■)
Dolby noise reduction button (DOLBY NR)
Reverse mode button (REV MODE)
Tape edit button (TAPE EDIT)
Record pause button (REC PAUSE)
Break the lead wire (+), and then interrupt to Power ON/OFF manually.
<table>
<thead>
<tr>
<th>FL display</th>
<th>Symptom</th>
<th>Cause</th>
</tr>
</thead>
<tbody>
<tr>
<td>H01</td>
<td>Cassette deck does not operate correctly.</td>
<td>Faulty cassette deck mechanism mode detection switch (Deck 1: S951, Deck 2: S971) and plunger. (Check and replace)</td>
</tr>
<tr>
<td>H02</td>
<td>Unit does not record, or the unit goes into recording mode even when the erasure prevention tabs have been removed from the cassette.</td>
<td>Faulty erasure prevention tabs detection switch (S974, S975) or short-circuit. (Check and replace)</td>
</tr>
<tr>
<td>H03</td>
<td>Tape does not play, even when the tape deck play button is pressed. The motor operates when the tape deck play button is pressed, even when no cassette is loaded in the deck.</td>
<td>Faulty tape detection switch (Deck 1: S952, Deck 2: S972) or short-circuit. (Check and replace)</td>
</tr>
<tr>
<td>H06</td>
<td>Cassette deck does not detect ( \text{CrO}_2 ) tape.</td>
<td>Faulty ( \text{CrO}_2 ) tape detect switch (Deck 1: S953, Deck 2: S973). (Check and replace)</td>
</tr>
<tr>
<td>H07</td>
<td>Cassette deck does not detect Metal tape.</td>
<td>Faulty Metal tape detect switch (S976). (Check and replace)</td>
</tr>
<tr>
<td>F01</td>
<td>When the tape play button is pressed, tape advances only slightly and then stops.</td>
<td>Reel pulse error (Faulty Hall IC). (Check and replace)</td>
</tr>
<tr>
<td>F02</td>
<td>TPS (tape program search) does not work.</td>
<td>Faulty TPS signal detection or faulty plunger control. (Check and replace mechanism control IC)</td>
</tr>
</tbody>
</table>
(Step 3) Remove the top cabinet.

(Step 1) \(a \times 4\)

(Step 2) \(b \times 2\)

Main P.C.B.
(Step 1)  
Remove the GND P.C.B.

(Step 2)  
Remove the GND P.C.B.

(Step 3)  
Release the 4 claws, and then remove the front panel ass'y.

(Bottom side)
(Step 6)
Press the eject rod in the direction of arrow, and then open the cassette panel ass'y.

Cassette panel ass'y (DECK1)

(Step 5)
(Step 4)
Remove the flat cable from the connector.

(a) \times 5

Cassette panel ass'y (DECK2)

(Step 7)
Release the claw, and then remove the mechanism unit.
(Step 8)
Remove the cassette lid ass'y in the direction of arrow.
(Step 10)
Release the 2 claws, and then remove the deck mecha frame.
(Step 11) Remove the deck mecha frame in the direction of arrow.
(Step 12)
Remove the operation P.C.B..
(Step 13)
Install the GND P.C.B. to the bottom chassis, and then tighten screw (C).

(Step 14)
Connect the flat cable to the connector (CN901).
NOTE:
When removing the main P.C.B., remove it with holding the mechanism P.C.B.

(Step 1)
Unsolder the motor terminals.

(Step 3)
Release the claw, and then remove the main P.C.B.

NOTE:
Handle the connector with care so that the shape of terminals different from others.
※ The illustration below shows DECK2 mechanism. For DECK1 mechanism, perform the same procedure as DECK2.

(Step 5) Release the 2 claws, and then remove the head connector.

(Step 4) Remove the P.C.B. support.

(Step 7) Remove the sub chassis.
Capstan belt [RDV0034]

Motor ass'y [REM0055-1]

(Step 8) 2 x C
(Step 9) Remove the flywheel R.

(Winding belt [RDV0033-4])

(Step 10) Release the 2 claws, and then remove the winding lever and spring.

(Step 11) Remove the flywheel F.
Installation of the belt

(Step 1)
The boss and marking should be positioned horizontally.

(Step 2)
Put the winding belt on the pulley temporarily.

(Step 3)
Install the flywheel F.
(Step 4) Put the winding belt on the flywheel F.
(Step 5)
Install the winding lever and spring while pressing the winding arm in the direction of arrow.
(The winding lever must be inserted completely and latched with claws.)

NOTE:
The winding lever should be positioned as shown right.
(Step 7)
Put the capstan belt temporarily as shown below.

(Side view)
(Step 8) Install the sub chassis to the mechanism, and then tighten screws.
(Step 10)
Put the capstan belt on the motor ass'y pulley.
(Step 1) Unsolder the plunger terminals (2 points).

(Step 2) Unsolder the plunger terminals (2 points).

(Step 3) Release the 3 claws, and then remove the mechanism P.C.B..
The mechanism as shown below is for DECK2. For the one of DECK1, perform the same procedures.

(Step 1)
Release the 2 claws, and then remove the pinch roller (R), (F).

Pinch roller ass'y (R) [RXL0125]
Pinch roller ass'y (F) [RXL0124]
(Step 1)
Press the eject rod in the direction of arrow, and then open the cassette lid ass'y.
(Step 2)
Remove the cassette lid ass'y in the direction of arrow.

Cassette lid ass'y (DECK1)

Cassette lid ass'y (DECK2)
- Release the lug of cassette holder in the direction of arrow.
Open spring installation

Open spring
E  OPERATION P.C.B.

D  EARTH TERMINAL P.C.B.

Electrical Parts Location:

<table>
<thead>
<tr>
<th></th>
<th></th>
<th></th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>EARTH TERMINAL P.C.B.</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>W601</td>
<td>2E</td>
<td>E1</td>
<td>2D</td>
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<tr>
<td>OPERATION P.C.B.</td>
<td></td>
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<tr>
<td>C901</td>
<td>7B</td>
<td>S915</td>
<td>8B</td>
</tr>
<tr>
<td>C902</td>
<td>7B</td>
<td>FW901</td>
<td>7A</td>
</tr>
<tr>
<td>C903</td>
<td>5B</td>
<td>R900</td>
<td>5B</td>
</tr>
<tr>
<td>C904</td>
<td>6B</td>
<td>R901</td>
<td>2B</td>
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<td>6B</td>
<td>R902</td>
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<td>R925</td>
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<tr>
<td>S914</td>
<td>7B</td>
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</table>

(rep2827d-M)
Note for IC951 and IC952 replacement
- Two different types (old or new) parts are mounted on P.C.B. as for IC951 and 952.
- When servicing, care to replace the parts due to those shape.
- Replacement procedures

<table>
<thead>
<tr>
<th>Parts No.</th>
<th>Direction</th>
<th>Remarks</th>
</tr>
</thead>
<tbody>
<tr>
<td>Old 0N2180RLC</td>
<td>Mount the parts on given position. (Printed pattern on P.C.B.)</td>
<td>Refer to the figure below.</td>
</tr>
<tr>
<td>New 0N2180RLC1</td>
<td>For IC951: Mount the parts so the cut corner is located upper right. For IC952: Mount the parts so the cut corner is located lower right.</td>
<td></td>
</tr>
</tbody>
</table>

Note for IC971 and IC972 replacement
- Two different types (old or new) parts are mounted on P.C.B. as for IC971 and 972.
- When servicing, care to replace the parts due to those shape.
- Replacement procedures

<table>
<thead>
<tr>
<th>Parts No.</th>
<th>Direction</th>
<th>Remarks</th>
</tr>
</thead>
<tbody>
<tr>
<td>Old 0N2180RLC</td>
<td>Mount the parts on given position. (Printed pattern on P.C.B.)</td>
<td>Refer to the figure below.</td>
</tr>
<tr>
<td>New 0N2180RLC1</td>
<td>For IC971: Mount the parts so the cut corner is located upper right. For IC972: Mount the parts so the cut corner is located lower right.</td>
<td></td>
</tr>
<tr>
<td>Part Number</td>
<td>PINs</td>
<td>Image</td>
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<tr>
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<td>CXA1552M-T4</td>
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<td>MCT4066BFEL</td>
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<td>MA111TX</td>
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