SCHEMATIC DIAGRAM (Parts list on pages 57~60.)

(Note this schematic diagram may be modified at any time with the development of new technology.)

Note 1:
- S701: Dolby noise-reduction switch (DOLBY NR: □, □).
- S702: DECK 2 Stop switch (■).
- S703: DECK 2 Forward-side playback switch (▷).
- S704: DECK 2 Reverse-side playback switch (◁).
- S705: DECK 2 Fast-forward search switch (❖ ❖ TPS).
- S706: DECK 2 Rewind search switch (◄ ◄ TPS).
- S707: DECK 2 Open/close switch (▲ OPEN/CLOSE).
- S708: DECK 2 Record switch (● REC).
- S709: DECK 2 Pause switch (■ PAUSE).
- S710: DECK 2 Automatic-record-muting switch (△ AUTO REC MUTE).
- S712: DECK 2 Counter reset switch (COUNTER 2 RESET).
- S714: Power "STANDBY ◄ /ON" switch (POWER, STANDBY ◄ /ON).
- S715: DECK 1 Stop switch (■).
- S716: DECK 1 Forward-side playback switch (▷).
- S717: DECK 1 Reverse-side playback switch (◁).
- S718: DECK 1 Fast-forward search switch (❖ ❖ TPS).
- S719: DECK 1 Rewind search switch (◄ ◄ TPS).
- S720: DECK 1 Open/close switch (▲ OPEN/CLOSE).
- S721: Auto tape calibration switch (ATC).
- S722: Reverse-mode select switch (REVERSE MODE).
- S723: Synchro-start switch (SYNCHRO START).
- S724: Tape-to-tape recording-speed switch (SPEED: X1, X2).
- S801: DECK 1 Cassette holder open detection switch in "off" position.
- S802: DECK 1 Cassette holder close detection switch in "off" position.
- S803: DECK 2 Cassette holder open detection switch in "off" position.
- S804: DECK 2 Cassette holder close detection switch in "off" position.
- S971: DECK 1 Mode switch in "off" position.
- S972: DECK 2 Mode switch in "off" position.
- S972A: DECK 2 Half switch in "off" position.
- S973: DECK 1 ATS (CrO₂) switch in "off" position.
- S973A: DECK 2 ATS (CrO₂) switch in "off" position.
- S974: DECK 2 Reverse rec. inhibit switch in "off" position.
- S975: DECK 2 Forward rec. inhibit switch in "off" position.
- S976: DECK 2 ATS (Metal) switch in "off" position.
- Resistance in ohms (Ω), 1/4 watt unless specified otherwise.

1 K=1,000 (Ω), 1 M=1,000 K (Ω)
- Capacity is in micro-farads (µF) unless specified otherwise.
- All voltage values shown in circuitry are under no signal condition and playback mode with volume control at minimum position otherwise specified.
- Voltage values at record mode.
- For measurement use EVM.
- Important safety notice:
  Components identified by △ mark have special characteristics important for safety.
  When replacing any of these components, use only manufacturer's specified parts.
- (+---- B----+) indicates +B (bias).
- (B----<----B----+) indicates -B (bias).
- (—— ———) indicates the flow of the playback signal.
- ( ——— ——— ) indicates the flow of the record signal.
- The supply part number is described alone in the replacement parts list,

<table>
<thead>
<tr>
<th>Ref. No.</th>
<th>Production Part No.</th>
<th>Supply Part No.</th>
</tr>
</thead>
<tbody>
<tr>
<td>IC4</td>
<td>M5218AL</td>
<td>M5218L</td>
</tr>
<tr>
<td>IC152</td>
<td>XLU2040F-T2</td>
<td>XLU2040F-T1</td>
</tr>
<tr>
<td>IC302</td>
<td>BA4560FT1</td>
<td>SVIBA4560FT1</td>
</tr>
</tbody>
</table>

※ marks indicate printed resistor.

Caution!
- IC and LSI are sensitive to static electricity.
- Secondary trouble can be prevented by taking care during repair.
- Cover the parts boxes made of plastics with aluminum foil.
- Ground the soldering iron.
- Put a conductive mat on the work table.
- Do not touch the legs of IC or LSI with the fingers directly.