Stereo tuner/amplifier

SA-DV250

Colour
(S).......................Silver Type

Areas
EB.......................Great Britain.
EG.......................Europe.

System: SC-DV250

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

Specification

- Amplifier Section (Low frequency side)
  - Power output
    - DIN 100Hz, THD 1%, 8Ω: 2x45W
    - Half power at 1kHz: 6Ω: 2x65W

- Amplifier Section (High frequency side)
  - Power output
    - DIN 1kHz, THD 1%, 6Ω: 2x25W
    - Half power at 1kHz: 6Ω: 2x35W
    - Power output (prologic mode)
      - Front (high frequency) 1kHz, THD 1%, 6Ω: 2x25W
      - Front (low frequency) 100Hz, THD 1%, 8Ω: 2x45W
      - Surround: 1kHz, THD 1%, 8Ω: 2x30W
      - Center: 1kHz, THD 1%, 8Ω: 60W

- Total harmonic distortion
  - Rated power at 1kHz: 6Ω: 7%
  - Half power at 1kHz: 6Ω: 0.1%

- Loud impedance
  - Front (high frequency): 6Ω
  - (low frequency): 8Ω
  - Surround: 8Ω
  - Center: 8Ω

- FM tuner section
  - Frequency range: 87.50-108.00MHz (0.05MHz steps)
  - Sensitivity (S/N 26dB): 1.5μV
  - S/N: 65dB (50dB, IFF)
  - Antenna terminals
  - AM tuner section
7.1 To display the malfunction code

U70 DVD: Automatically displays on the
U70 DECK: tuner/amplifier when a malfunction occurs. Refer to Fig. 7-1.

F61: Automatically displays on the tuner/amplifier when a malfunction occurs. Refer to Fig. 7-1.

Fig. 7-1
7.2 To return to the normal display

1. For U70 DVD/U70 DECK
   - Press an any operation button on the tuner/amplifier.
   - To re-display the code, switch the power off (POWER STANDBY button), and then switch power back on again.

2. For F61
   - If F61 is displayed, the power will automatically be switched off and the standby indicator will light up.
   - F61 will be displayed for 3 seconds, and then the clock will be displayed.
   - To re-display the code, switch the power on. F61 will be re-displayed, and then after 3 seconds the clock will be displayed and the power will automatically switch off.
7.3.1 U70 DVD, U70 DECK/(displayed automatically)

Problem or condition

A bus-line communications error has occurred as a result of the flat cables being inserted incorrectly, thus preventing the system from operating.

- If U70 is displayed on the tuner/amplifier, the Cassette deck or DVD Changer cannot be operated by remote control.

Correction Procedure

1. To check for correct insertion of the flat cables.
   - Insert each connectors until you hear a click.
   - Insert the flat cables at the back of the unit in the order indicated. Refer to Fig. 8-2.

   Make sure the white side of the cables is on your right side. Refer to Fig. 8-3.

2. Breakage of the flat cables. (Check and replace.)

3. If the problem is not corrected by items 1 and 2 above, this indicates a faulty IC.

SA-DV250:

IC901 (C2BBFD000317)
SL-DV250:
IC401 (M38504E6227F)

RS-DV250:
IC701 (M38503M2406F)
Check these ICs and replace.
7.3.2 F61

Problem or condition

When the power switch is switched on, it automatically switches back off, making it impossible to switch power on.

Correction procedure

Faulty Tuner/Amplifier (SA-DV250) output IC (IC601).

(When a DC voltage is applied to speaker terminals.)
NOTE: The number noted at the connectors on the schematic diagram as "SCHEMATIC DIAGRAM-1" or "SCHEMATIC DIAGRAM-2" indicates the schematic diagram serial number located on the left corner in the schematic diagram.