

# Service Manual

## Radio Cassette RX-2000

### FM/AM Radio Cassette Recorder



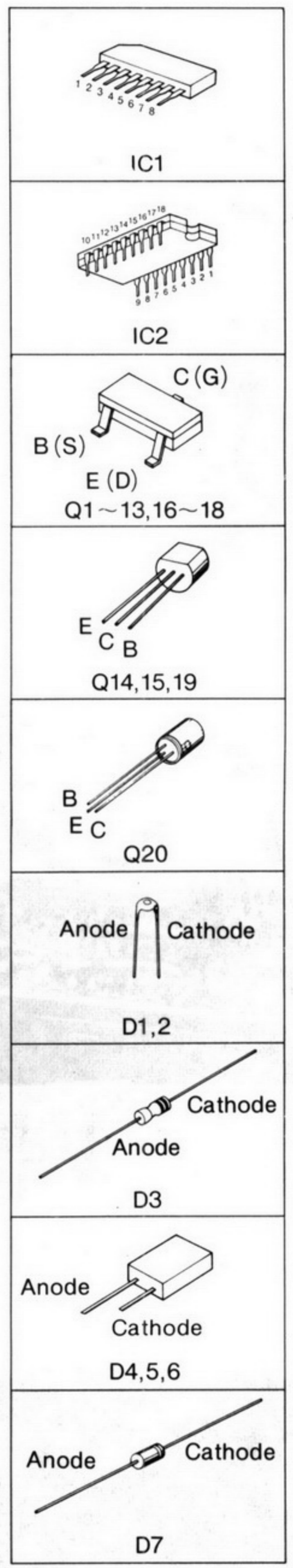
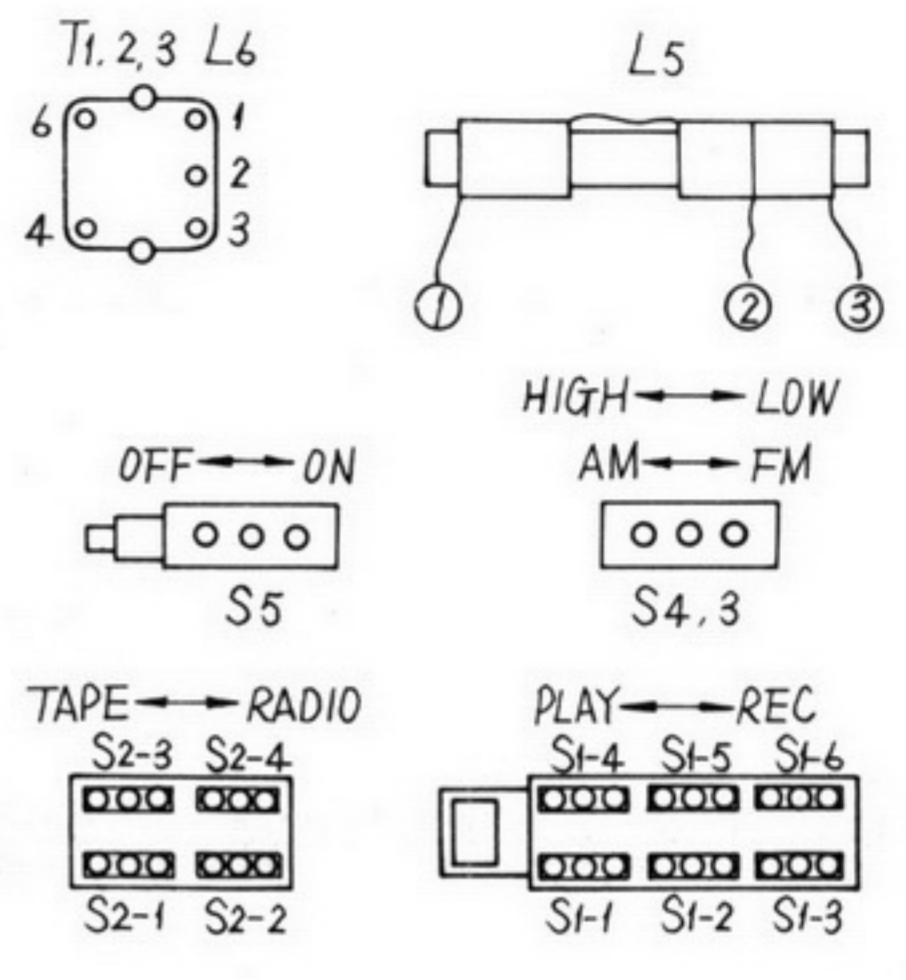
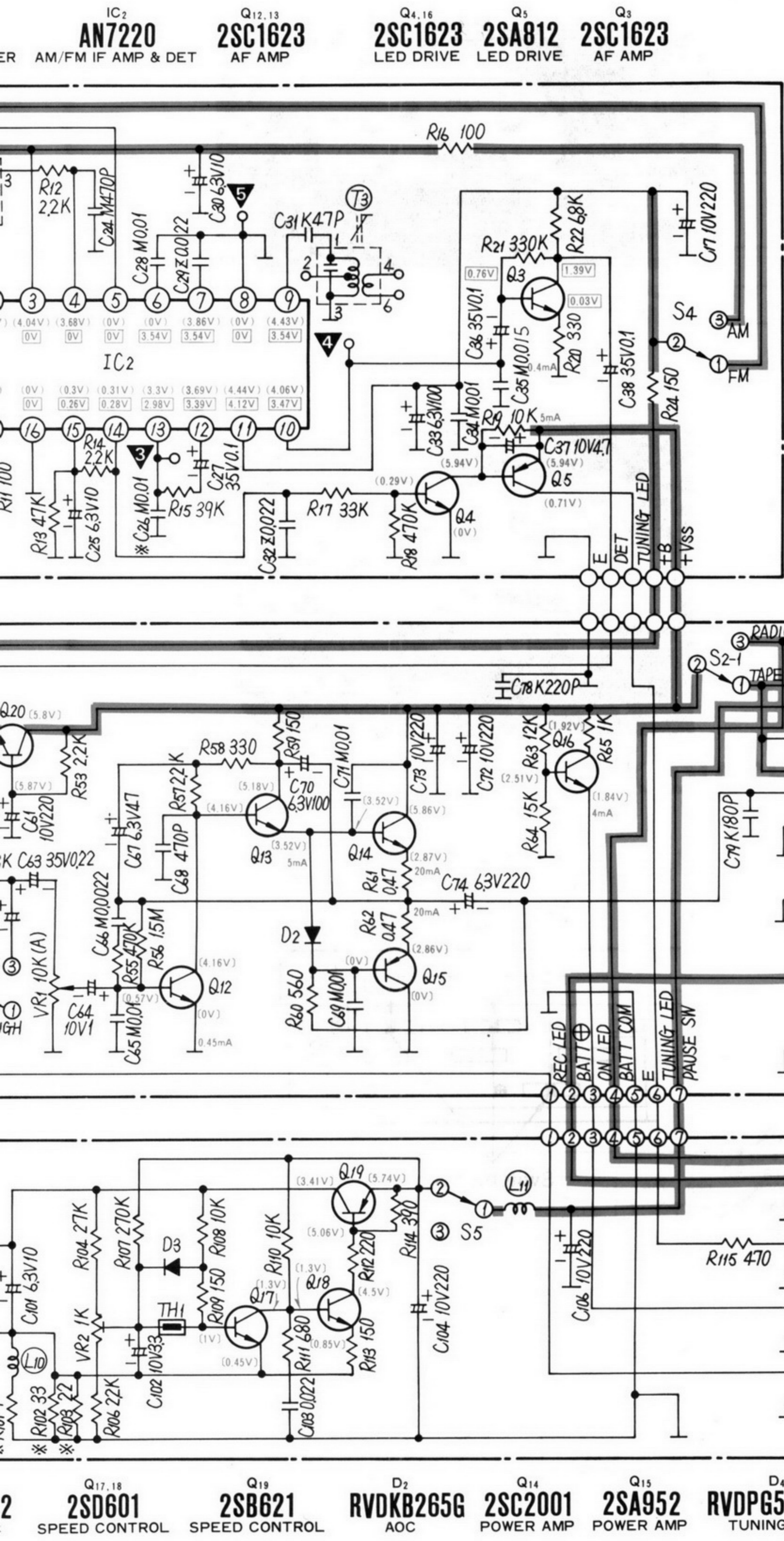
#### ■ SPECIFICATIONS

Power Requirement:	Battery; 6 V (Four UM-3, AA size dry batteries)	Others:	REMOTE; for start and stop at hand
Power Output:	550 mW (DC max)	Speaker:	2" (5cm) PM Dynamic speaker
Frequency Range:	200~7,000 Hz	Radio Frequency	FM; 87.5~108 MHz
Recording System:	AC bias, MAGNET erase	Range:	AM; 520~1610 kHz (577~186m)
Tape Speed:	4.8cm/s, (1-7/8 ips)	Intermediate	FM; 10.7 MHz
Wow and Flutter:	0.4% (WRMS)	Frequency:	AM; 455 kHz
Program Time:	1 hour with C-60 cassette tape	Sensitivity:	FM; 3 $\mu$ V/50mW output
Track System:	2-track 1-channel 1 monaural recording and playback	Dimensions:	AM; 170 $\mu$ V/m/50mW output
Input:	MIC; sensitivity 0.25mV/applicable microphone impedance 600 $\Omega$ .	Weight:	190(W) x 96(H) x 31(D)mm
Output:	DC IN; 6 V		(7 $\frac{1}{2}$ " x 3 $\frac{13}{16}$ " x 1 $\frac{1}{4}$ ")
	EXT SP; 8 $\Omega$		600g (1 lb 5.2 oz.) without batteries

Specifications are subject to change without notice.



# AGRAM MODEL - RX-2000



- Q<sub>17,18</sub> **2SD601** SPEED CONTROL
- Q<sub>19</sub> **2SB621** SPEED CONTROL
- D<sub>2</sub> **RVDKB265G** AOC
- Q<sub>14</sub> **2SC2001** POWER AMP
- Q<sub>15</sub> **2SA952** POWER AMP
- D<sub>4</sub> **RVDPG5531KY** TUNING LED
- D<sub>5,6</sub> **RVDPR5531K** ON/REC LED

tronics voltmeter based on negative terminal of battery.  
 □ ...FM Position, ( )...AM Position,  
 < > ...Record Position, [ ]...Playback Position.  
 9. For resistor and capacitors, using chips except \* mark.  
 10. Battery current No signal .....35mA  
 Maximum Output (Radio) .....160mA  
 Maximum Output (Tape).....250mA

11. The mark (▼) shows test point, e.g. ▼=Test Point 1.  
 12. VR<sub>1</sub>...Volume Control, VR<sub>2</sub>...Speed Control.