



SANYO



All fasteners subject to metric dimension of International Organization for Standardization.

Solid State FM/AM Portable Radio

MODEL 10FA-849Z

SERVICE MANUAL SANYO ELECTRIC CO., LTD.

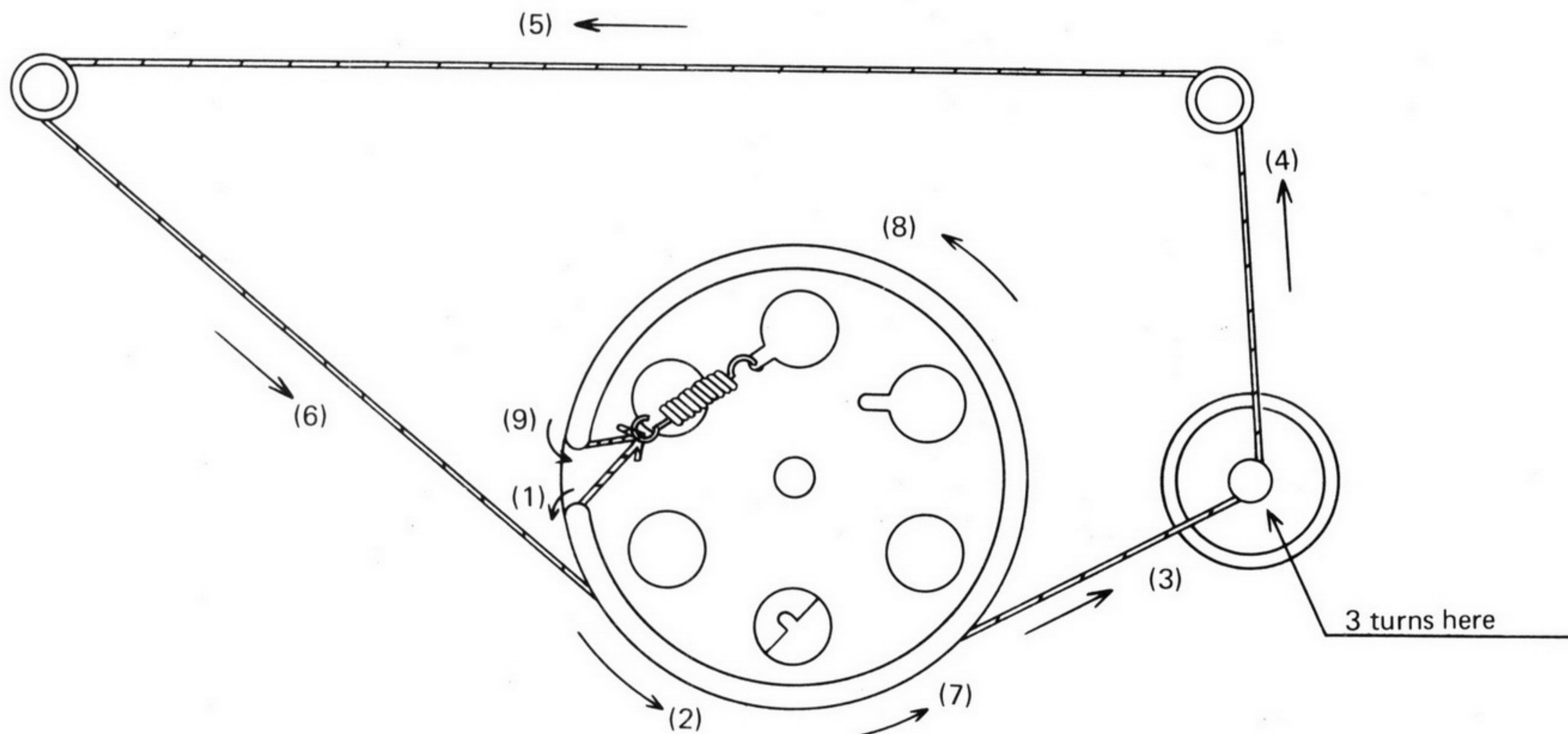
INTERNATIONAL DIVISION: SANYO ELECTRIC TRADING CO., LTD.
OSAKA, JAPAN



SPECIFICATIONS

Frequency Ranges	UKW (FM) 87.5 – 108 MHz MW (AM) 510 – 1605 KHz	Integrated Circuit Transistors	LA-1201 IF Stage 2SC668 (B) FM RF Amplifier 2SC930D FM Converter 2SA101X AM Converter 2SB185 Audio Amplifier 2SC537 Driver 2SB187 Power Output Amplifier 2SD187 Power Output Amplifier
Intermediate Frequency	FM 10.7 MHz AM 455 KHz	Diodes	1S188 FM Limiter 1S188 AM Dynamic Damper 1S188x2 FM Discriminator 1S185D Rectifier
Sensitivity	FM 2.3 μ V AM 64 μ V/m	Dimensions	7-3/4" wide x 4-7/8" high x 2-1/8" deep
Power Output	Maximum 450mW Undistorted 300mW	Weight	1.6 lbs. (without batteries)
Speaker	3-1/8" permanent dynamic type Voice coil impedance 8 ohms		
Power Supply	Battery: DC 6V; (Four "AA" size penlight batteries) AC: 220V house-hold current		
Current Drain (DC)	No signal 15 mA Maximum 135 mA		

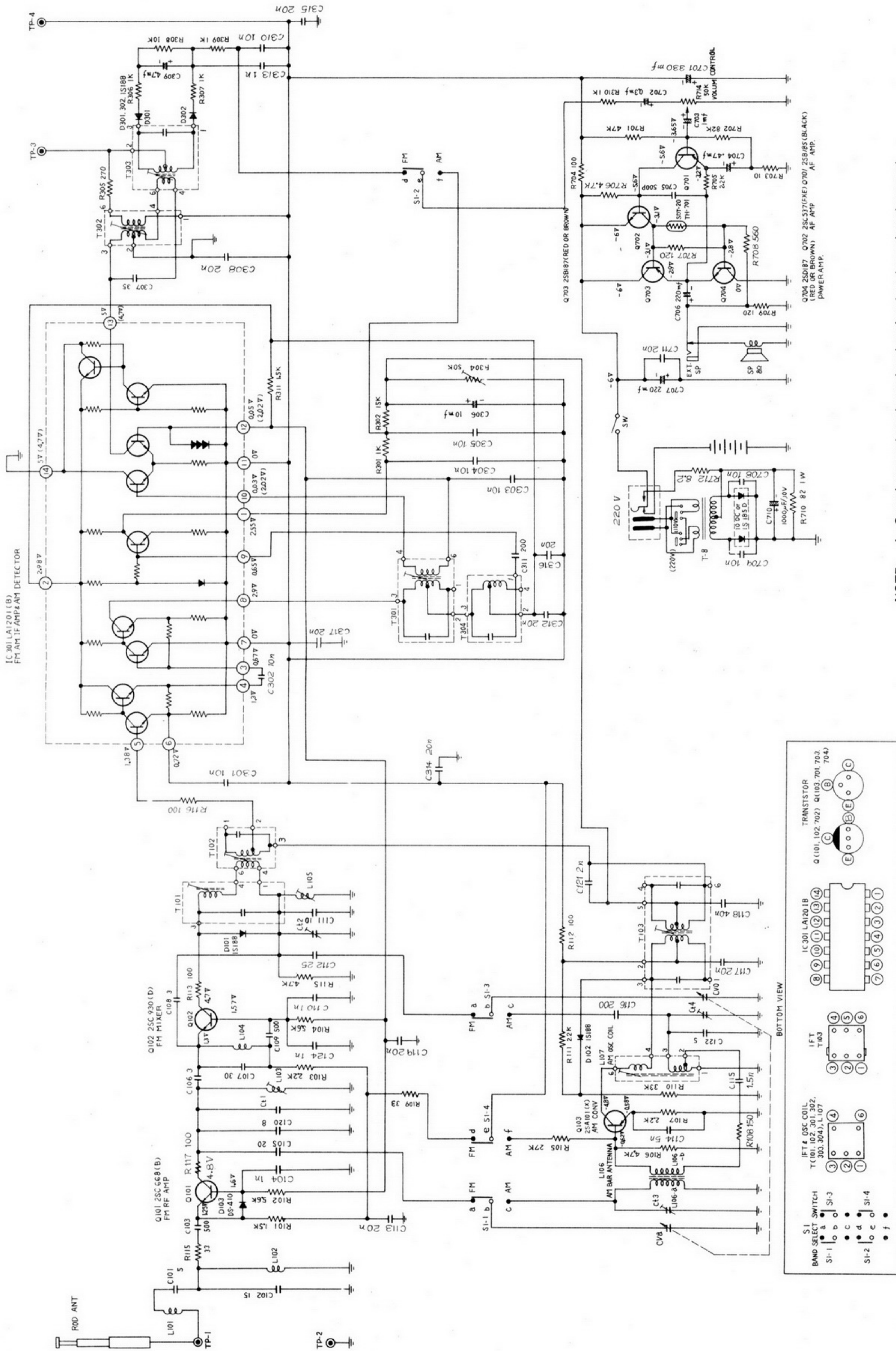
DIAL CORD STRING



HOW TO TAKE OUT CHASSIS

1. Locate a pointer at the left end on the dial scale with a tuning knob.
2. Remove two screws on the back of a radio, and disassemble the back housing from the front.
3. Take off two control knobs.
4. Remove two red-colored screws which fix a chassis on the front.
5. Slide the chassis toward a step-down transformer to free pointer from a dial scale, and then take it out carefully.

SCHEMATIC DIAGRAM



- NOTE:**
1. Capacitance values shown in micro farads unless otherwise noted.
p.=pF (pico-farad)=micro micro farad.
 2. Resistance values shown in ohms. K.=1,000 ohms.
 3. Band selector switch shown in AM position.
 4. Voltages measured with a vacuum tube voltmeter from a common ground to respective points.
 5. A mini-pot (R304 50K) should be adjusted and set in such a way as to develop 0.5 volt between two terminal points of IC. No. 4 (positive) and No. 6 (negative).
A voltmeter used in this adjustment should have an internal resistance of more than 50K ohms.