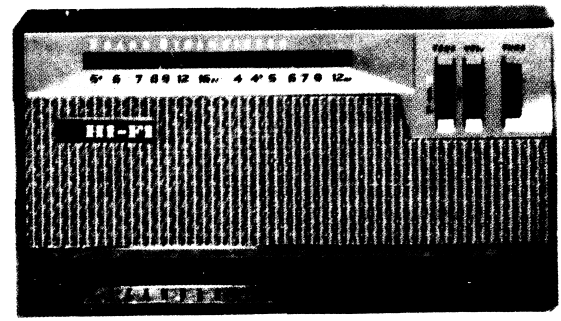


部品番号	部品名称
R1	RC5Y56K 固定抵抗器 56K
R2	" 10K " 10K
R3	" 33K " 33K
R4	" 1K " 1K
R5	RC4Y150K " 150K
R6	RC5Y47K " 47K
R7	" 12K " 12K
R8	" 2.2K " 2.2K
R9	" 22K " 22K
R10	" 5.6K " 5.6K
R11	" 5.6K " 5.6K
R12	" 1K " 1K
R13	RD-100 可変抵抗器 5K
R14	RC5Y1K 固定抵抗器 1K
R15	" 3.3K " 3.3K
R16	" 560 " 560Ω
R17	" 22K " 22K
R18	" 3.3K " 3.3K

部品番号	部品名称
R19	RC5Y1K 固定抵抗器 1K
R20	RD-139 可変抵抗器 50K
R21	RC5Y10K 固定抵抗器 10K
R22	" 33K " 33K
R23	" 5.6K " 5.6K
R24	" 560 " 560Ω
R25	" 3.3K " 3.3K
R26	" 5.6K " 5.6K
R27	" 22K " 22K
R28	RT-4Y10 " 10Ω
R29	RC5Y390 " 390Ω
R30	" 150 " 150Ω
R31	" 100 " 100Ω
R32	RD-232 特殊抵抗器 2Ω
R33	RC5Y100 固定抵抗器 100Ω
R34	" " " "
R35	" 220 " 220Ω
R36	" 100 " 100Ω
R37	" " " "
R38	RY-107M " 10Ω

部品番号	部品名称
C1	CCX10AF 4ヶコン 10PF
C2	CEX01AZ トラコン 0.01μF
C3	CFX005AZ トラコン 0.005μF
C4	CFX01AZ トラコン 0.01μF
C5	CFX0032AM スタコン 3200PF
C6	CEX350AM スタコン 350PF
C7	CES10A6 ケミコン 6V5μF
C8	CEX5A6 ケミコン 6V5μF
C9	CKD05A 4ヶバツ 0.05μF
C10	CKD05A 4ヶバツ 0.05μF
C11	CFS05AZ トラコン 0.05μF
C12	CEX30A3 ケミコン 3V30μF
C13	CKD01A 4ヶバツ 0.01μF
C14	CKD01A 4ヶバツ 0.01μF
C15	CEX5A6 ケミコン 6V5μF
C16	CEX30A3 ケミコン 3V30μF
C17	CEX5A6 ケミコン 6V5μF
C18	CSX02A M.P 0.02PF

部品番号	部品名称
C19	CSX5A M.P 0.5μF
C20	CEX5A6 ケミコン 6V5μF
C21	CEX30A3 ケミコン 3V30μF
C22	CEX5A6 ケミコン 6V5μF
C23	CEX30A6 ケミコン 6V30μF
C24	CEX30A3 ケミコン 3V30μF
C25	CKD005A 4ヶバツ 0.005μF
C26	CKD005A 4ヶバツ 0.005μF
C27	
C28	CEX100A6 ケミコン 6V100μF
C29	CCX10AF 4ヶコン 10PF
C30	CES80B6 ケミコン 6V80μF
C31	CES80B6 ケミコン 6V80μF
C32	4ヶバツ 10ヶコン
C33	CCD5AF 4ヶコン 5P



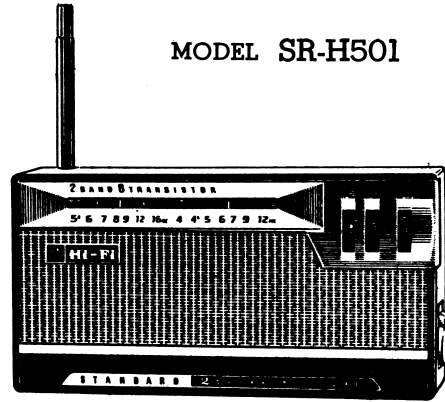
## 8-Transistor 2-Band Radio Model SR-H501

# SERVICE DATA

No. 20 - May 1961 -

**STANDARD RADIO CORPORATION**  
No.11, 1-chome, Ebisu-Minami, Shibuya-ku, Tokyo, Japan

MODEL SR-H501



### SPECIFICATIONS

#### TUNING RANGES

Standard Broadcast (MW) ..... 540~1600 KC  
Short wave Broadcast (SW) ..... 3.9~12 MC

INTERMEDIATE FREQUENCY ..... 455 KC

#### SEMI-CONDUCTOR COMPLEMENT

Transistor : 2SA103 (Q1) ..... Converter  
Transistor : 2SA102 (Q3) ..... 1st I-F Amplifier  
Transistor : 2SA101 (Q4) ..... 2nd I-F Amplifier  
Transistor : 2SB175 (Q6) ..... 1st Audio Amplifier  
Transistor : 2SB175 (Q7) ..... 2nd Audio Amplifier  
Transistor : 2SB175 (Q8) ..... Audio Driver  
Transistor : 2SB178 (Q9) ..... Push-pull Output  
Transistor : 2SB178 (Q10) ..... Push-pull Output  
Ge. Diode : OA70 (Q2) ..... AGC Compensator  
Ge. Diode : OA70 (Q5) ..... 2nd Det. AGC  
Ge. Diode : OA70 (Q11) ..... Osc. Regulator  
Thermistor : S-250 (Q12) ..... Temperature Compensator

#### POWER OUTPUT

Undistorted ..... 280 milli watts  
Maximum ..... 400 milli watts

#### LOUD SPEAKER

Size and Type .....  $\left\{ \begin{array}{l} 9 \text{ cm } (3\frac{1}{2}'' ) \text{ P. M.} \\ 8 \text{ cm } (3'' ) \text{ P. M.} \end{array} \right.$   
Voice coil Impedance (at 800 cycles) ..... 8 ohms

#### ANTENNA

Ferrite core ant. ; Diameter ..... 10 mm ( $1\frac{1}{2}''$ )  
Length ..... 180 mm ( $7\frac{3}{4}''$ )  
Telescopic rod ant. ; Length ..... Approx. 710 mm (28'')

#### DIMENSIONS

Height ..... 132 mm ( $5\frac{1}{8}''$ ) Width ..... 241 mm ( $9\frac{7}{16}''$ )  
Depth ..... 50.5 mm ( $2''$ )

#### WEIGHT

..... 1.5 Kg (53 ozs) incl. batt.

#### BATTERY

Three "D" size flashlight cells  
(EVEREADY Type No. 950 or Equivalent) .....  $1\frac{1}{2}$  volts each  
Current Consumption (no signal) ..... Approx. 12 milli amperes

### DESCRIPTION

STANDARD Model SR-H501 is a 2-band, 8-transistor portable radio for Medium and Short Waves reception, designed especially for the realization of excellent tonal quality and sharp sensitivity.

Using 8 transistors including 3 drift-type ones, together with 3 germanium diodes and 1 thermistor, this model has a great merit of stable reception.

The methods taken for the improvement of tonal quality are as follows :

- 1) Adoption of great output power transistor(s)
- 2) Adoption of dual-speaker system
- 3) Adoption of continuous variable tone control

- 1) gives the speakers undistorted, great output power.
- 2) reproduces rich volume in clear condition. And
- 3) makes it possible to get whatever tone you may like according to the kind of broadcasting programmes, through tone control by the variable resistor.

The 180 mm long ferrite rod antenna has excellent ability to seize a signal in both Medium and Short Waves. Further, the 12-step telescopic rod antenna serves this radio to catch even a weaker broadcasting signal, the effect of which is found more remarkable especially in Short Wave reception.

# STANDARD MODEL SR-H501

## SCHMATIC DIAGRAM

Q1 2SA103  
CONV.

Q2 0A70  
AGC.COMP.

Q3 2SA102  
IFA-1

Q4 2SA101  
IFA-2

Q5 0A70  
DET.

Q6 2SB175  
AFA-1

Q7 2SB175  
AFA-2

Q8 2SB175  
AFA-3

Q9,10 2SB178×2  
OUTPUT.

