

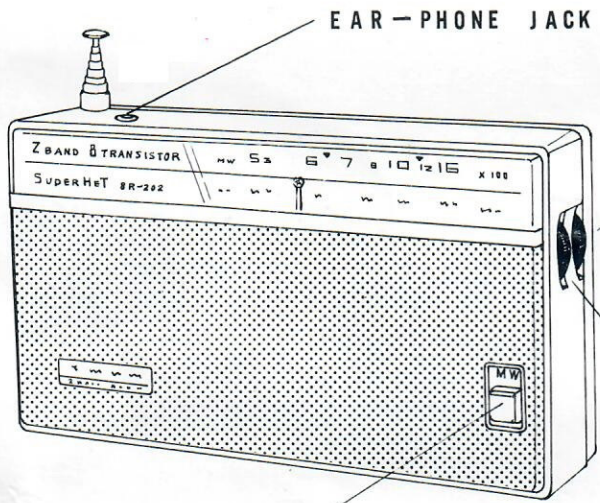
2 BAND 8 TRANSISTOR RADIO

MODEL 8R-202



- ★ RICH VOLUME
- ★ HIGH SENSITIVITY

TOKYO ELECTRIC INDUSTRIAL CO., LTD.



EAR - PHONE JACK

SWITCH
AND
VOLUME KNOB

TUNING KNOB

BAND SWITCH

SPECIFICATION

FREQUENCY RANGE:

A TYPE	MEDIUM WAVE	535KC—1605KC	SHORT WAVE	4MC—12MC
B "		"	"	6MC—18MC
L "		"	LONG WAVE	150 KC—370 KC
M "		"	SHORT WAVE	1.6MC—4.5MC

TRANSISTORS:

2 SA 17	1	PIECE	MIXER
2 SA 80	1	"	OSCILLATOR
2 SA 12	2	PIECES	I.F. AMPLIFIER
2 SB 75	2	"	A.F. AMPLIFIER
2 SB 77	2	"	POWER OUT-PUT

DIODE:

IN-34A 2 PIECE DETECTOR

THERMISTOR:

B-2B 1 " COMPENSATION OF VOLTAGE AND CURRENT

POWER OUT-PUT:

100mW NODISTORITON 150mW MAX.

BATTERY:

UM-3 (1.5V) 4 PIECES OR 4AA (6V) 1 PIECE

SPEAKER:

2 $\frac{1}{4}$ in PERMANENT DYNAMIC SPEAKER

DIMENSION:

145mm × 82mm × 39mm

5 $\frac{1}{16}$ in × 3 $\frac{1}{8}$ in × 1 $\frac{17}{32}$ in

WEIGHT:

360g (12.7 oz.)

ACCESSORIES:

LEATHER CASE	1	PIECE
MAGNETIC EAR-PHONE	1	"
BATTERY HOLDER	1	"
BATTERY UM-3 (1.5V)	4	PIECES

CIRCUIT DIAGRAM

2SA17

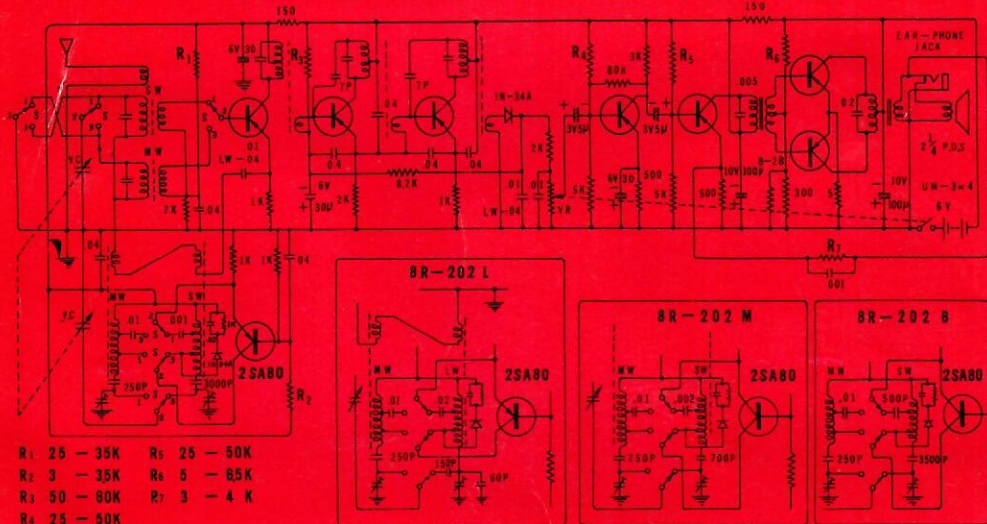
2SA12

2SA12

2SB75

2SB75

2SB77 X 2



- | | |
|-------------------------|-------------------------|
| R ₁ 25 - 35K | R ₅ 25 - 50K |
| R ₂ 3 - 35K | R ₆ 5 - 85K |
| R ₃ 50 - 80K | R ₇ 3 - 4 K |
| R ₄ 25 - 50K | |

★ **WARNING** MAKE SURE RADIO IS OFF BEFORE OPENING CASE. Serious damage to your radio can result from attempting to insert a new battery while radio is on. When not in use, make sure that the radio is off. Even though there is no sound, battery will be exhausted if switch is not in off position.