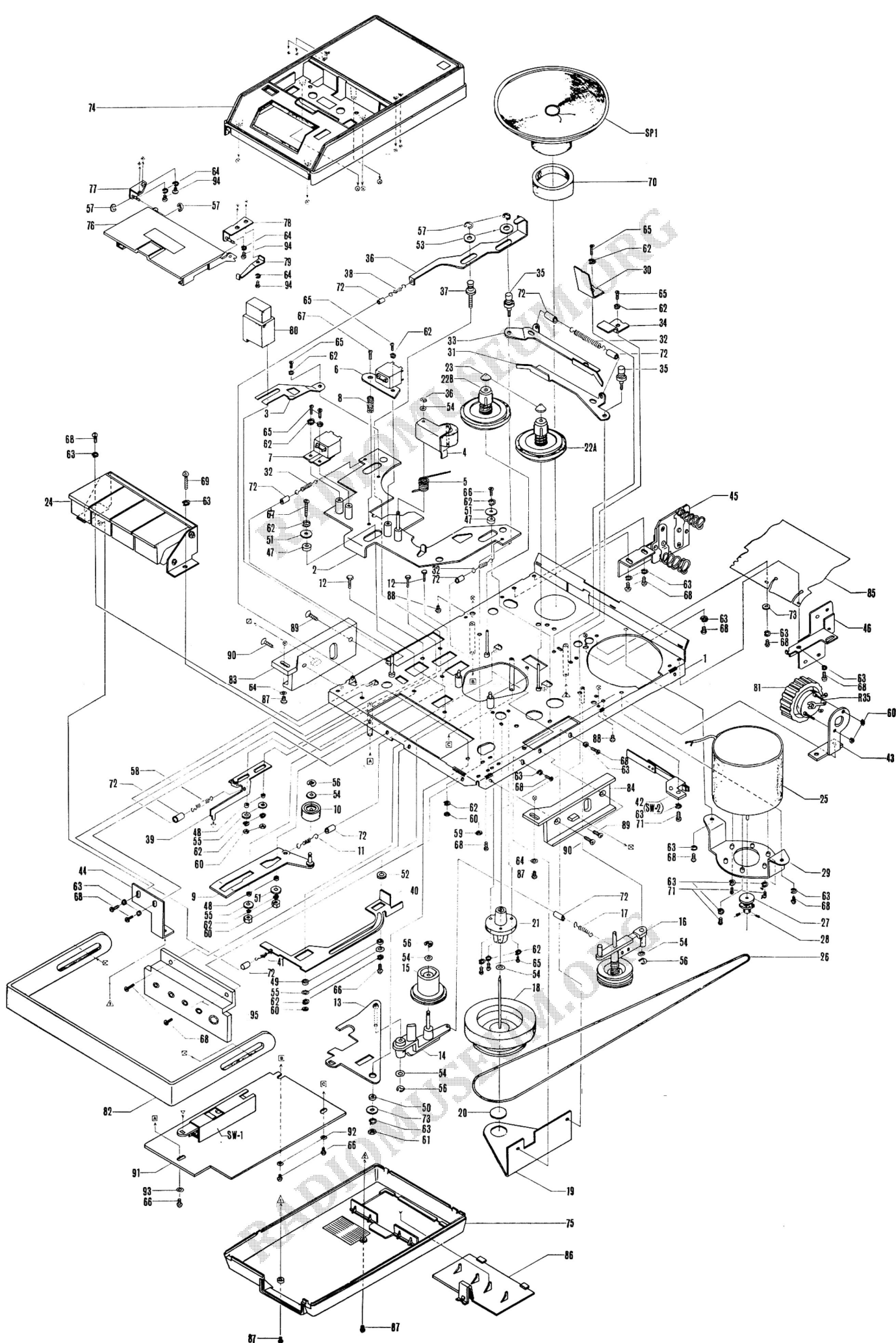


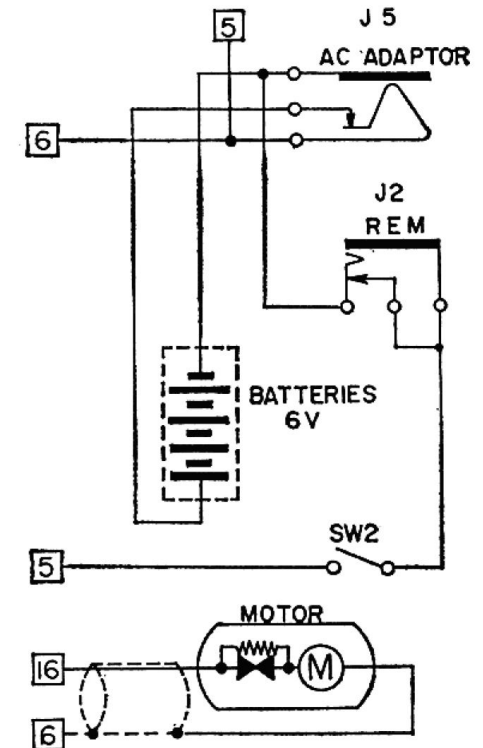
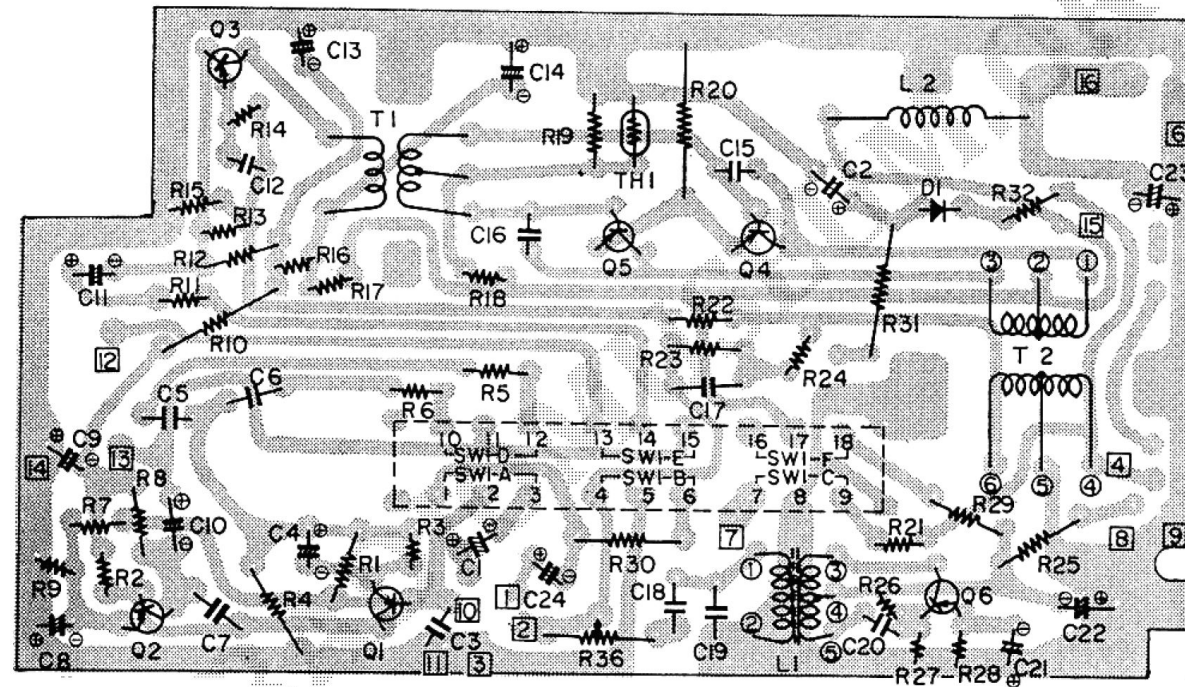
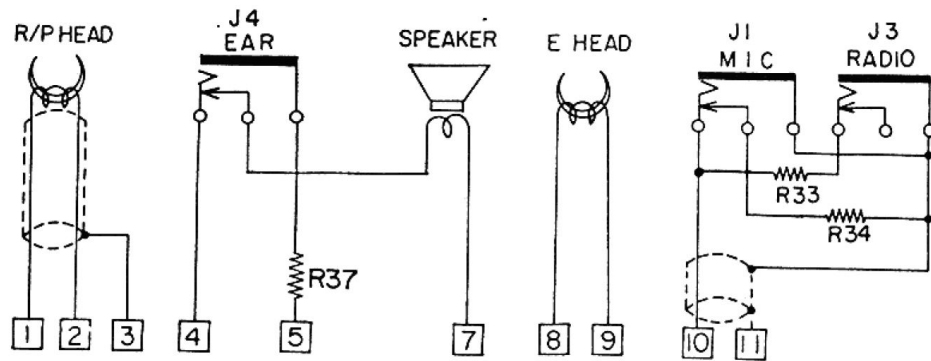
MODEL

RD-418**SPECIFICATIONS**

Type	Portable cassette tape recorder
Power source	DC 6V ("C" size battery or UM-2 battery x 4) or DC external power source
Tape	Philips type compact cassette
Speed	1-7/8 ips (4.8 cps)
Recording/playback time.....	30 minutes on C-30 60 minutes on C-60 90 minutes on C-90
Recording system	AC bias
Erasing system	DC magnetic
Input circuit	Microphone jack (impedance: 200 ohm) Remote control jack Radio input jack (impedance: 220k ohm) DC 6V adaptor jack
Output circuit	Earphone jack (impedance: 8 ohm)
Recording monitor	Earphone monitor system
Transistors	6 transistors, 1 diode
Speaker.....	2-3/4" (7cm) round-type dynamic speaker (impedance: 8 ohm)



RD-418X & RD-418U MECHANISM EXPLODED



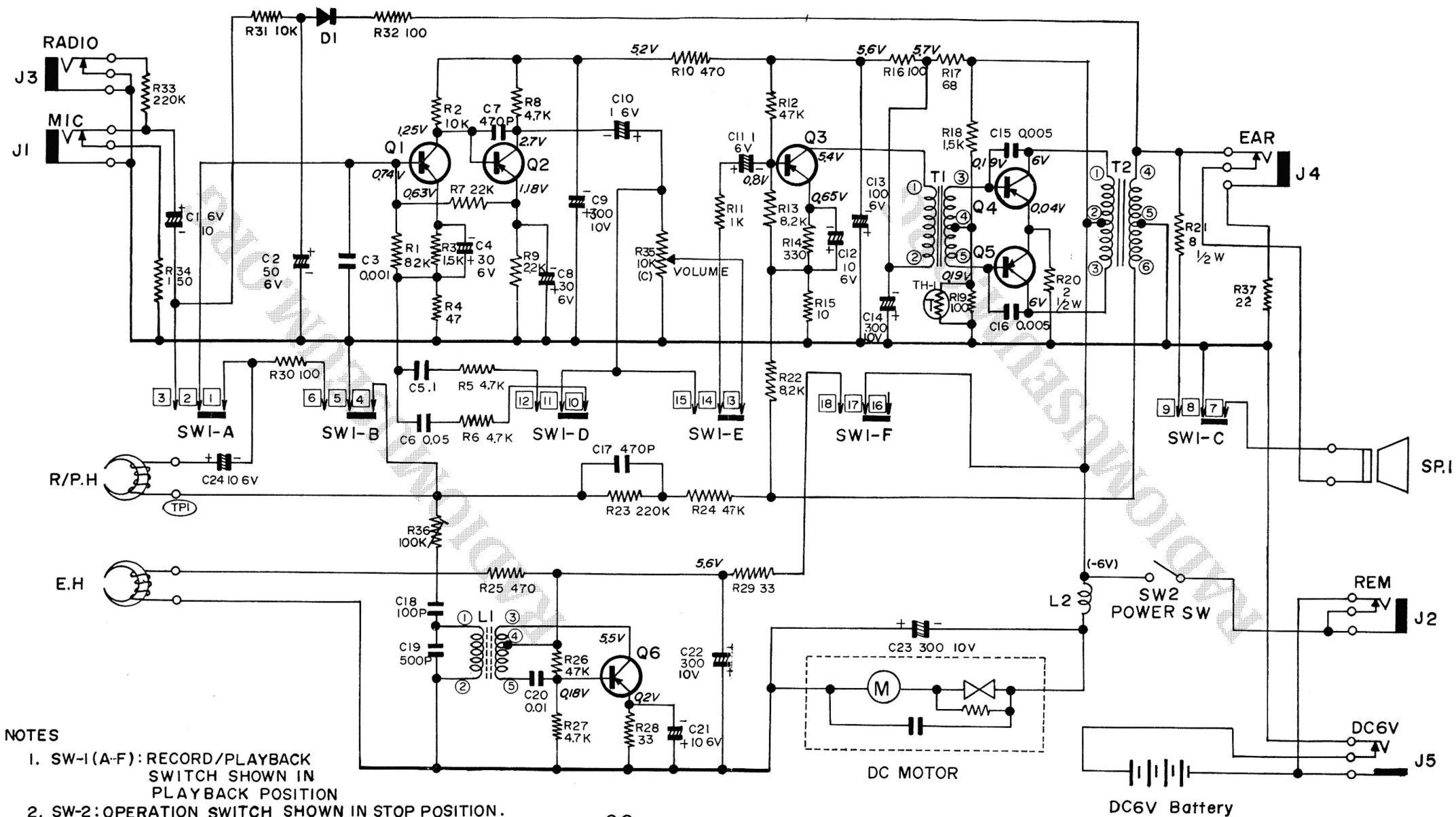
RD-418X & RD-418U PRINTED WIRING BOARD

Q1
2SB173
1st Audio Amp

Q2
2SB175
2nd Audio Amp

Q3
2SB175
3rd Audio Amp

Q4, Q5
2SB324
Audio Output



NOTES

1. SW-1 (A-F): RECORD/PLAYBACK SWITCH SHOWN IN PLAYBACK POSITION
2. SW-2: OPERATION SWITCH SHOWN IN STOP POSITION.
3. ALL RESISTORS ARE $\frac{1}{4}$ W UNLESS OTHERWISE NOTES.
4. VOLTAGE: WITHOUT PARENTHESES TAKEN WITH SW-1 IN PLAYBACK POSITION.

Q6
2SB172 or 2SB176
Bias Oscillator