

# SERVICE MANUAL

## CASSETTE TAPE DECK



# SANYO

# RD 4028UM

(EUROPE)

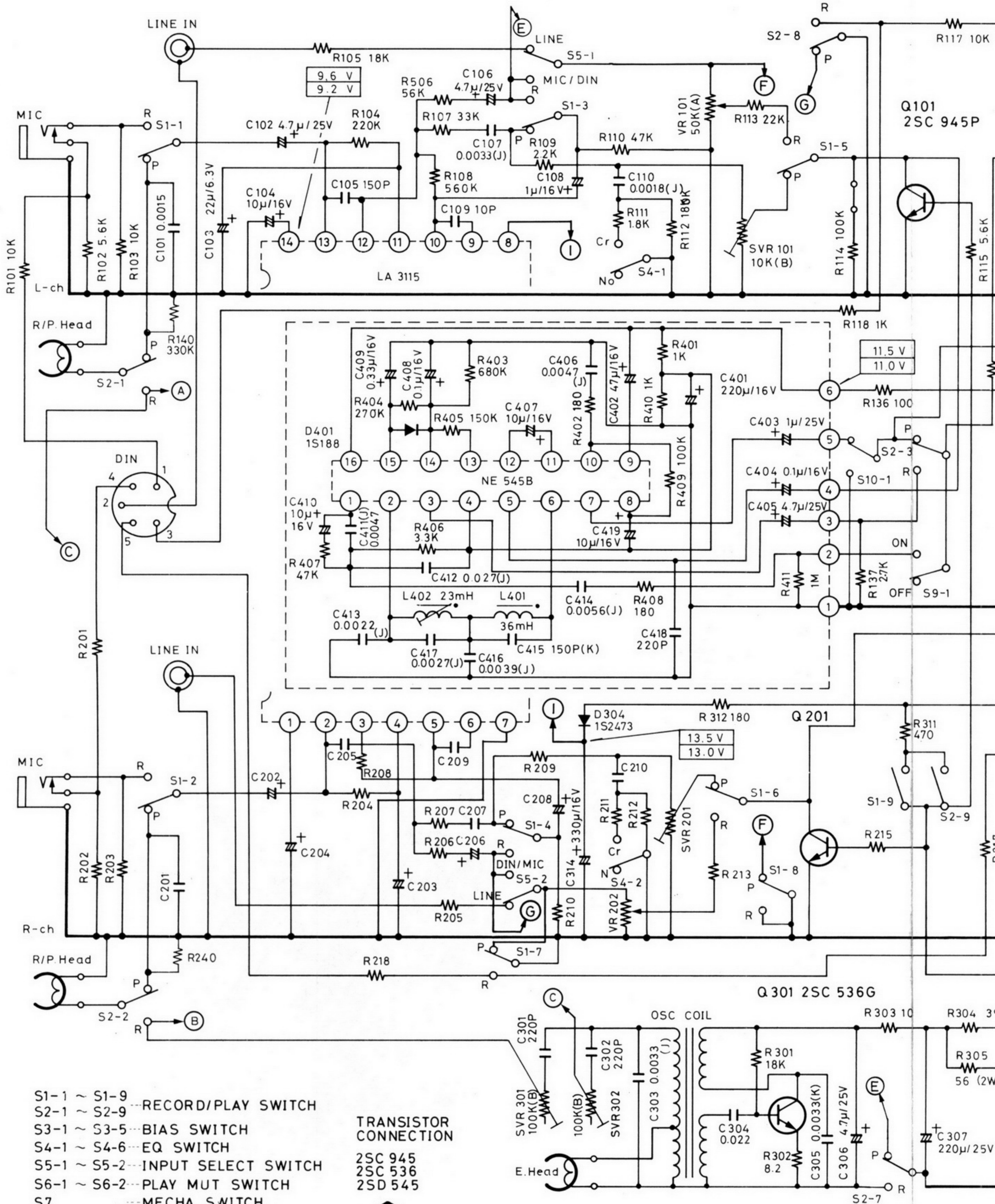


### SPECIFICATIONS

Tape	CrO <sub>2</sub> tape, FeCr tape and Normal tape	Input	MICROPHONE: 10k ohms (0.3mV)
Recording system	AC bias, 1/4 track stereo		REC/PLAY: 10k ohms (1mV)
Erasing system	AC erasing, 1/2 track		LINE IN: 60k ohms (50mV)
Tape speed	1-7/8 ips. (4.75 cm/sec.)	Output	REC/PLAY: 3k ohms (0.4V)
Recording time	60 min. (C-60)		LINE OUT: 3k ohms (0.4V)
Rewind & Fast forward time	90 sec. (C-60)		HEADPHONES: 8 ohms to 10k ohms (30mV)
Wow & Flutter	0.12% WRMS	Power source	AC: 110/125/220V, 50Hz
Frequency response	30 - 16,000Hz (CrO <sub>2</sub> tape) 30 - 16,000Hz (FeCr tape) 30 - 13,000Hz (Normal tape)	Power consumption	6W
Signal to noise ratio	60 dB (Dolby switch ON) 52 dB (Dolby switch OFF)	Dimensions	15-5/16" (W) x 10-1/4" (D) x 5-5/16" (H) (387 x 260 x 134 mm)
		Weight	Approx. 6 lbs. 9 ozs. (3 kg)

\*Specifications subject to change without notice.

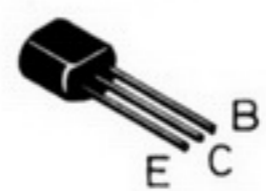
**SCHEMATIC DIAGRAM**



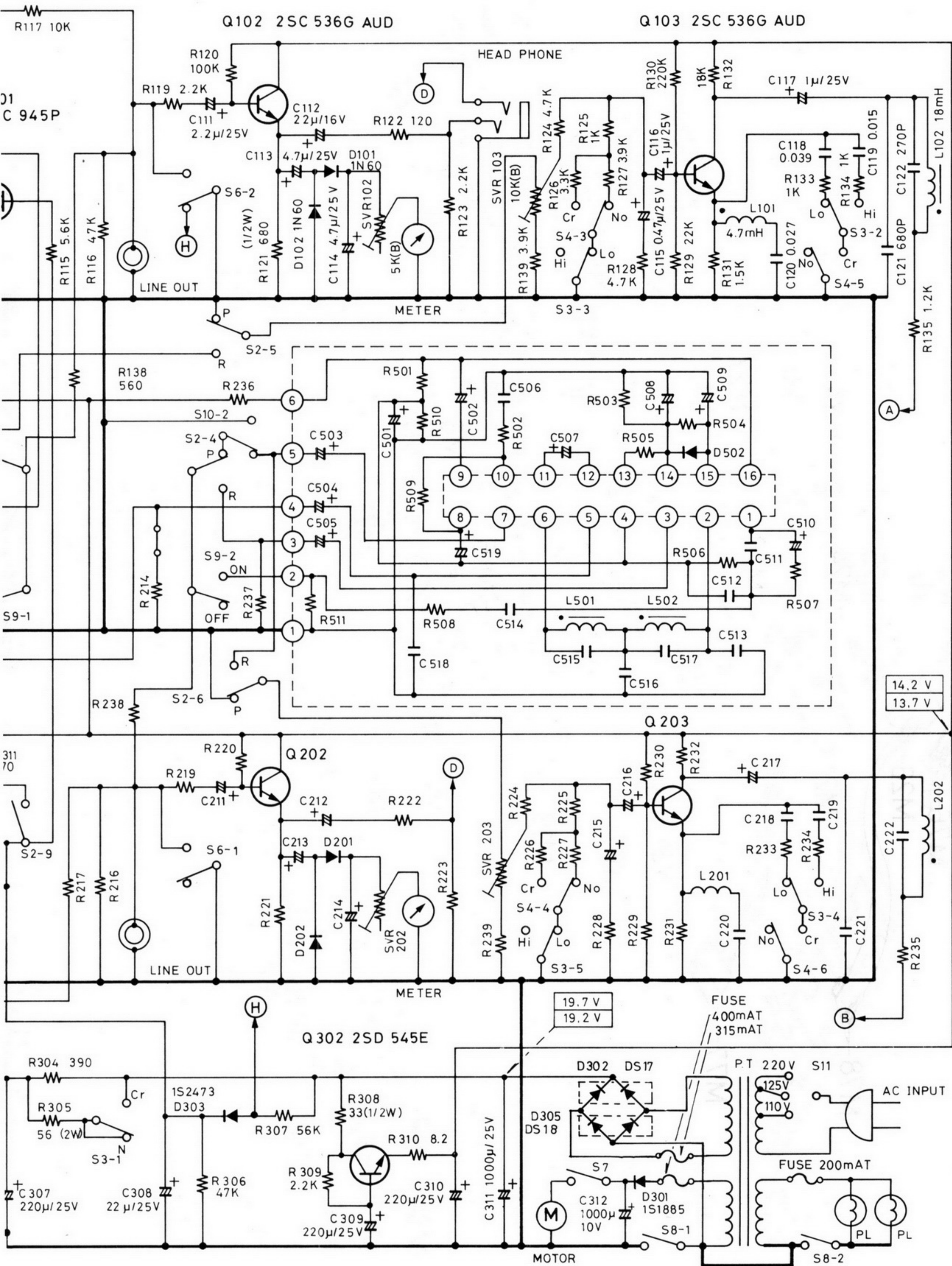
- S1-1 ~ S1-9 --- RECORD/PLAY SWITCH
- S2-1 ~ S2-9 --- BIAS SWITCH
- S3-1 ~ S3-5 --- EQ SWITCH
- S4-1 ~ S4-6 --- INPUT SELECT SWITCH
- S5-1 ~ S5-2 --- PLAY MUT SWITCH
- S6-1 ~ S6-2 --- MECHA SWITCH
- S7 --- POWER SWITCH
- S8-1 ~ S8-2 --- DOLBY SWITCH
- S9-1 ~ S9-2 --- PAUSE MUT SWITCH
- S10-1 ~ S10-2 --- VOLTAGE SELECT SWITCH
- S11 --- MECHA SWITCH

**TRANSISTOR CONNECTION**

- 2SC 945
- 2SC 536
- 2SD 545



PLAY BACK  
RECORD



WIRING DIAGRAM

