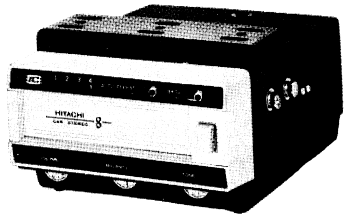
SPECIFICATIONS

PLAYBACK SYSTEM ..... 8-track, 2 channel 4 programs
INTEGRATED CIRCUIT ..... IC, 1
TRANSISTORS ..... 2SC458×2, 2SB77×4
2SD77×2, 2SB337×4
DIODE ..... VO-6A×1
VARISTORS ..... HV-46×2
THERMISTORS ..... D-2B×2
POWER SUPPLY ..... DC:12V, negative ground
(use car battery)
CURRENT COMSUMPTION ... 0.5A

TAPE SPEED ..... 3¾ ips (9.5cm/s)
PROGRAM CHANGE SYSTEM ... Automatic or push button system
CARTRIDGE ..... stereo 8 tracks
FREQUENCY RANGE ..... 30~12,000Hz
AUDIO OUTPUT ..... 16W at 2 speakers, 4 ohm
OUTPUT IMPEDANCE ..... 4 ohm
DIMENSIONS ..... 2⅞"(H)×5⅜"(W)×6½"(D)
(7.2×13.2×17cm)
WEIGHT ..... 5 lbs. 8 oz (2.5kg)



IC
TA2002
PRE AMP.

TR1
2SC458
AF AMP.

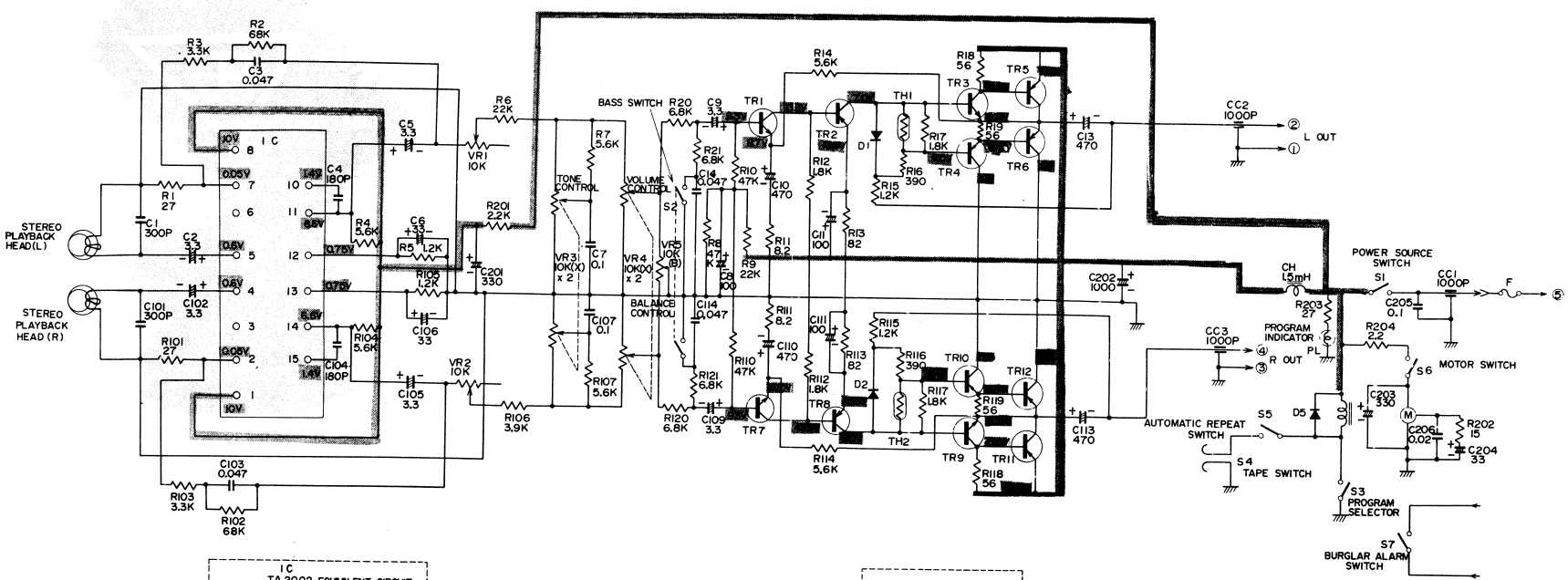
TR2
2SB77
AF AMP.

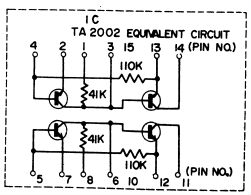
D1
HV-46
VOLTAGE STABILIZER

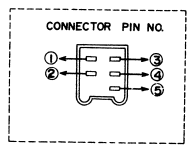
TH1
D-2B
TEMP. COMP.

TR3, TR4
2SD77, 2SB77
COMPLEMENT AMP.

TR5, TR6
2SB337×2
POWER AMP.







NOTE 1. VOLTAGE MEASURED WITH VOLTMETER AT 12V DC, BASE OF ⊖ SIDE POWER SUPPLY.
VOLUME CONTROL AT MINIMUM AND NO SIGNAL.
2. ALL RESISTANCE VALUES IN OHMS. K=1000
3. ALL CAPACITANCE VALUES IN μF EXCEPT "P" NOTED. P=μμF=PF

TR7
2SC458
AF AMP.

TR8
2SB77
AF AMP.

D2
HV-46
VOLTAGE STABILIZER

TH2
D-2B
TEMP. COMP.

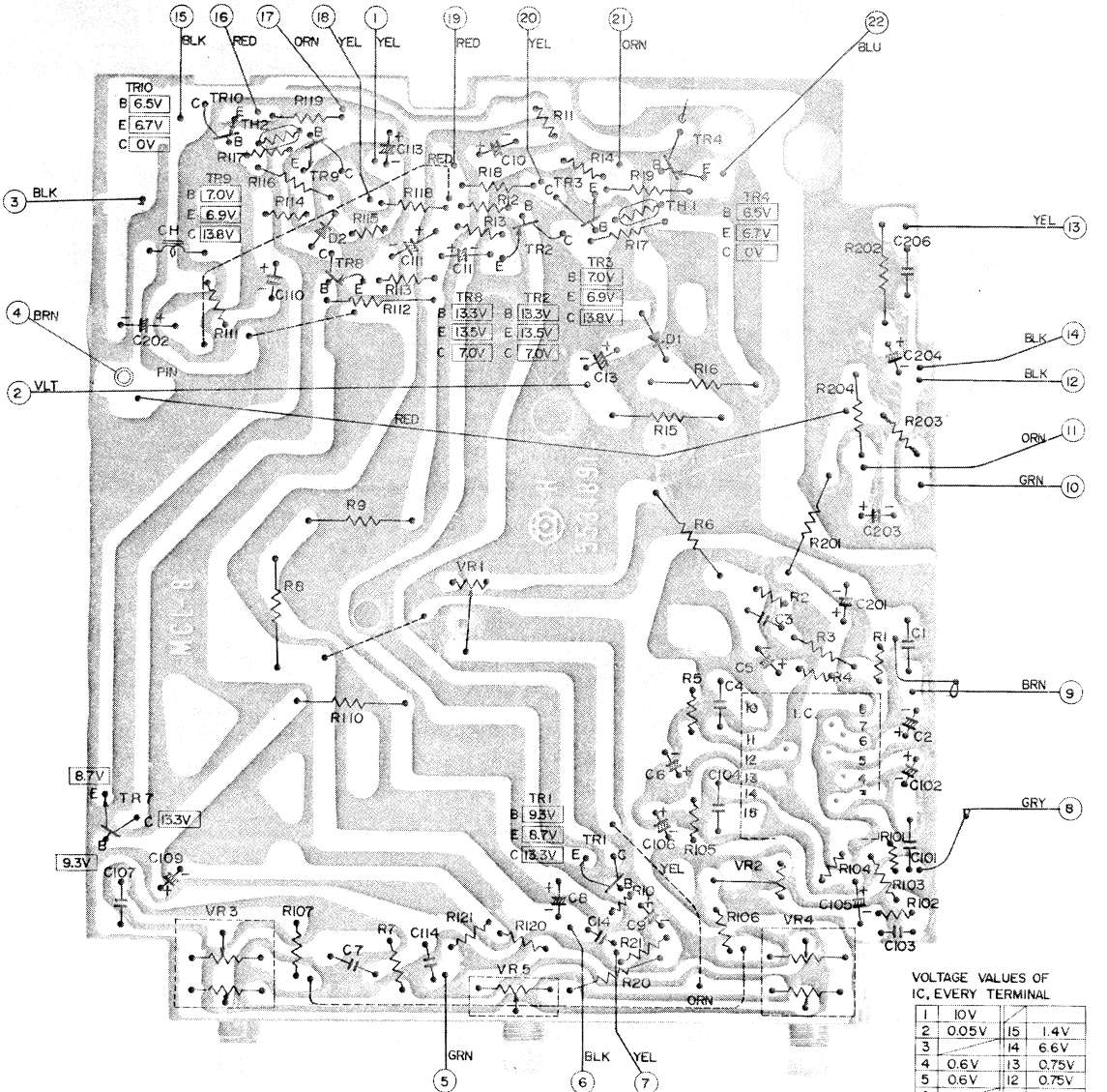
TR9, TR10
2SD77, 2SB77
COMPLEMENT AMP.

TR11, TR12
2SB337×2
POWER AMP.

D5
VO-6A
PROTECTOR

HITACHI CS-11501C

CIRCUIT BOARD DIAGRAM



VOLTAGE VALUES OF IC, EVERY TERMINAL

1	10V		
2	0.05V	15	1.4V
3		14	6.6V
4	0.6V	13	0.75V
5	0.6V	12	0.75V
6		11	6.6V
7	0.05V	10	1.4V
8	10V		