

PLAYBACK SYSTEM.....8-track 2-channel/matrix
4-channel 4-program

IC
IC1, 101 TA-2003×2.....Pre amp.
IC2, 102 HA-1306×2.....AF Amp. & Power Amp.

DIODE
D VO-6A.....Protector

POWER SUPPLY.....DC: 14.4V, negative ground
(use car battery)

CURRENT CONSUMPTION.....0.5A

TAPE SPEED.....3½ ips (9.5cm/s)

CARTRIDGE.....Stereo 8-track

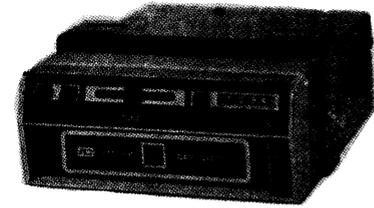
FREQUENCY RANGE.....50~10,000Hz

AUDIO OUTPUT.....14W (at 2-speakers, 4 ohm load)

OUTPUT IMPEDANCE.....4 ohm

DIMENSIONS.....2"(H)×4½"(W)×7"(D)
(5×12×17.5cm)

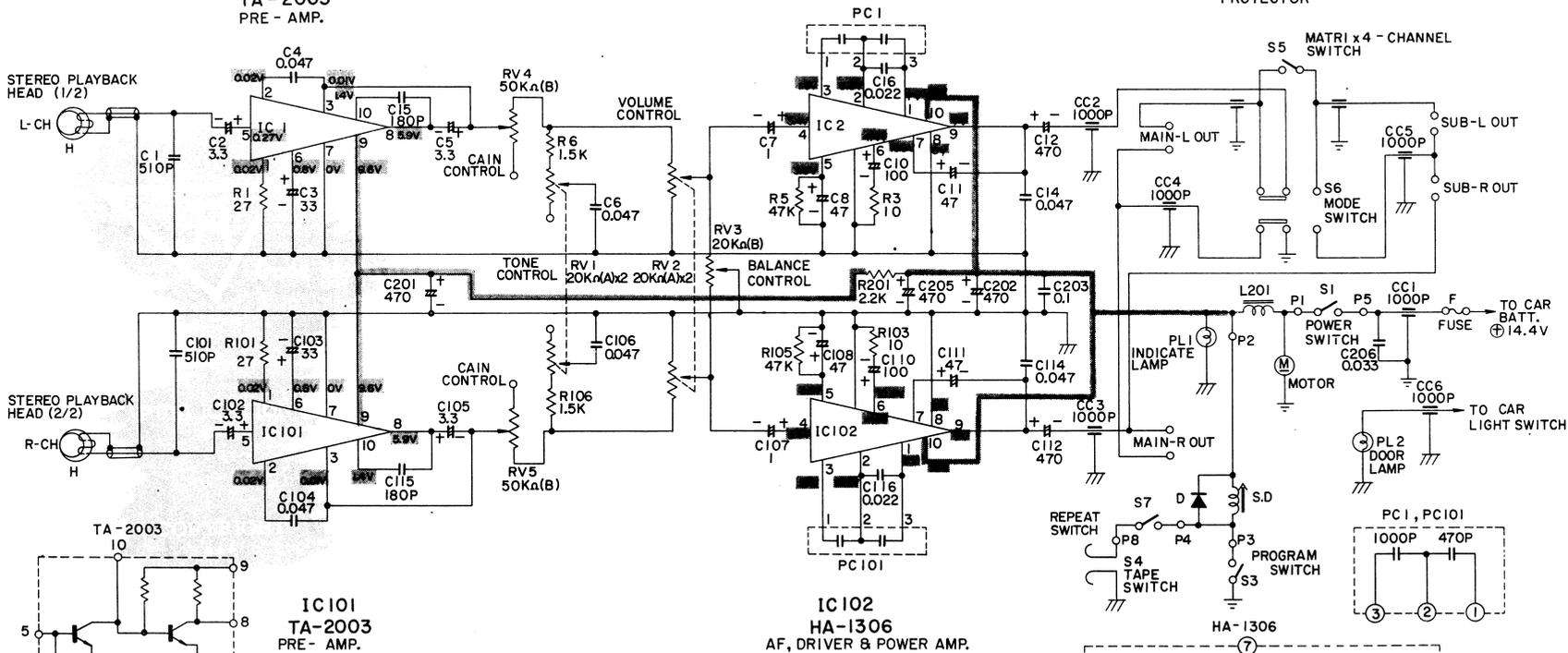
WEIGHT.....3 lbs. 5 oz (1.5kg)



IC 2
HA-1306
AF, DRIVER & POWER AMP.

D
VO-6A
PROTECTOR

IC 1
TA-2003
PRE-AMP.



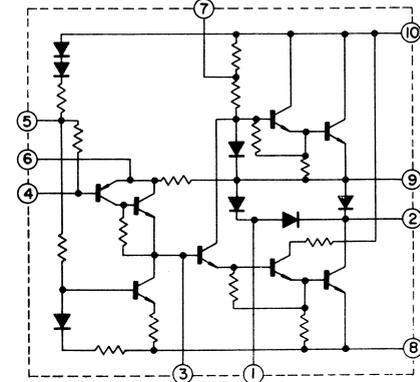
IC101
TA-2003
PRE-AMP.

IC102
HA-1306
AF, DRIVER & POWER AMP.

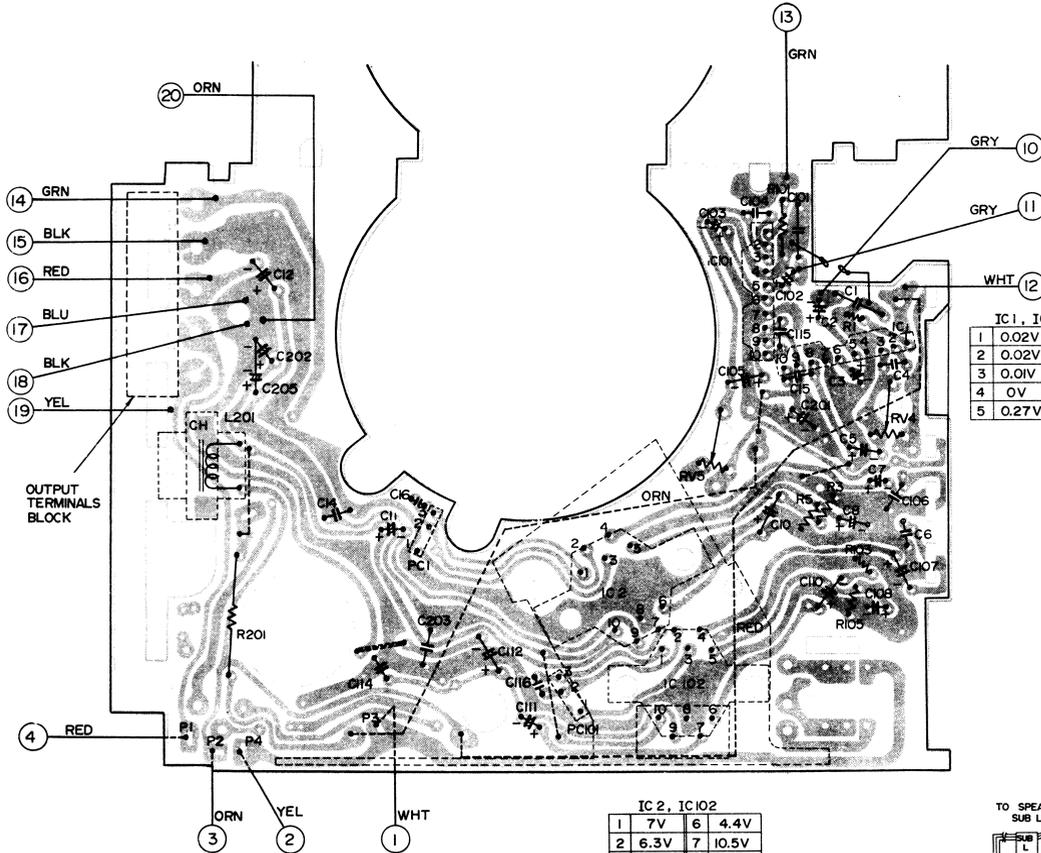
NOTE. 1. VOLTAGE MEASURED WITH VOLTMETER AT 13.2V DC,
⊖ SIDE EARTH, VOLUME CONTROL AT MINIMUM,
TONE CONTROL AT HIGH POSITION AND NO SIGNAL.

2. ALL RESISTANCE VALUES IN OHMS. K=1,000

3. ALL CAPACITANCE VALUES IN μ F EXCEPT *P* NOTED.
P= μ F=PF



CIRCUIT BOARD DIAGRAM



IC1, IC101

| | | | |
|---|-------|----|------|
| 1 | 0.02V | 6 | 0.8V |
| 2 | 0.02V | 7 | 0V |
| 3 | 0.0V | 8 | 5.9V |
| 4 | 0V | 9 | 9.6V |
| 5 | 0.27V | 10 | 1.4V |

IC2, IC102

| | | | |
|---|------|----|-------|
| 1 | 7V | 6 | 4.4V |
| 2 | 6.3V | 7 | 10.5V |
| 3 | 1.9V | 8 | 0V |
| 4 | 3.4V | 9 | 7V |
| 5 | 3.6V | 10 | 13V |

