

SPECIFICATIONS

CIRCUIT SYSTEM AM superheterodyne
 TUNING RANGE AM: 535~1,605kHz
 INTERMEDIATE FREQUENCY 455kHz

IC
 IC 1 TR-2004 RF Amp, IF Amp. & Conv.
 IC 101 TA-2003 Pre-Amp.
 IC 102 HA-1306 AF Amp. & Power Amp.
 IC 201 TA-2003 Pre-Amp.
 IC 202 HA-1306 AF Amp. & Power Amp.

TRANSISTORS
 TR1 2SC458 } Pre-Amp.
 TR2 2SC458 }

DIODES
 D 1 1N34A Complementary AGC.
 D 2 1N60 AGC.
 D 3 1N60 Det.
 D 4 VO6A Protector
 D 5 VO6A } Polarity Compensator
 D 6 VO6A }

ZD 1 HZ-7 Voltage stabilizer.
 PLAYBACK SYSTEM 8-track 2-channel 4-program
 CARTKIDGE Stereo 8-track
 TAPE SPEED 3 3/4 ips(9.5cm/s)

PROGRAM CHANGE SYSTEM
 Automatic and manual push button
 FREQUENCY RANGE 50~10,000Hz
 SPEAKER 4 3/4" P.M., 4 ohm x 2 (rear)
 5 1/2" x 4" P.M. 4ohm } CST-5100G
 (front)

AUDIO OUTPUT 5W (CST-5100C)
 6W/channel (CST-5100B)
 6W (CST-5100G)

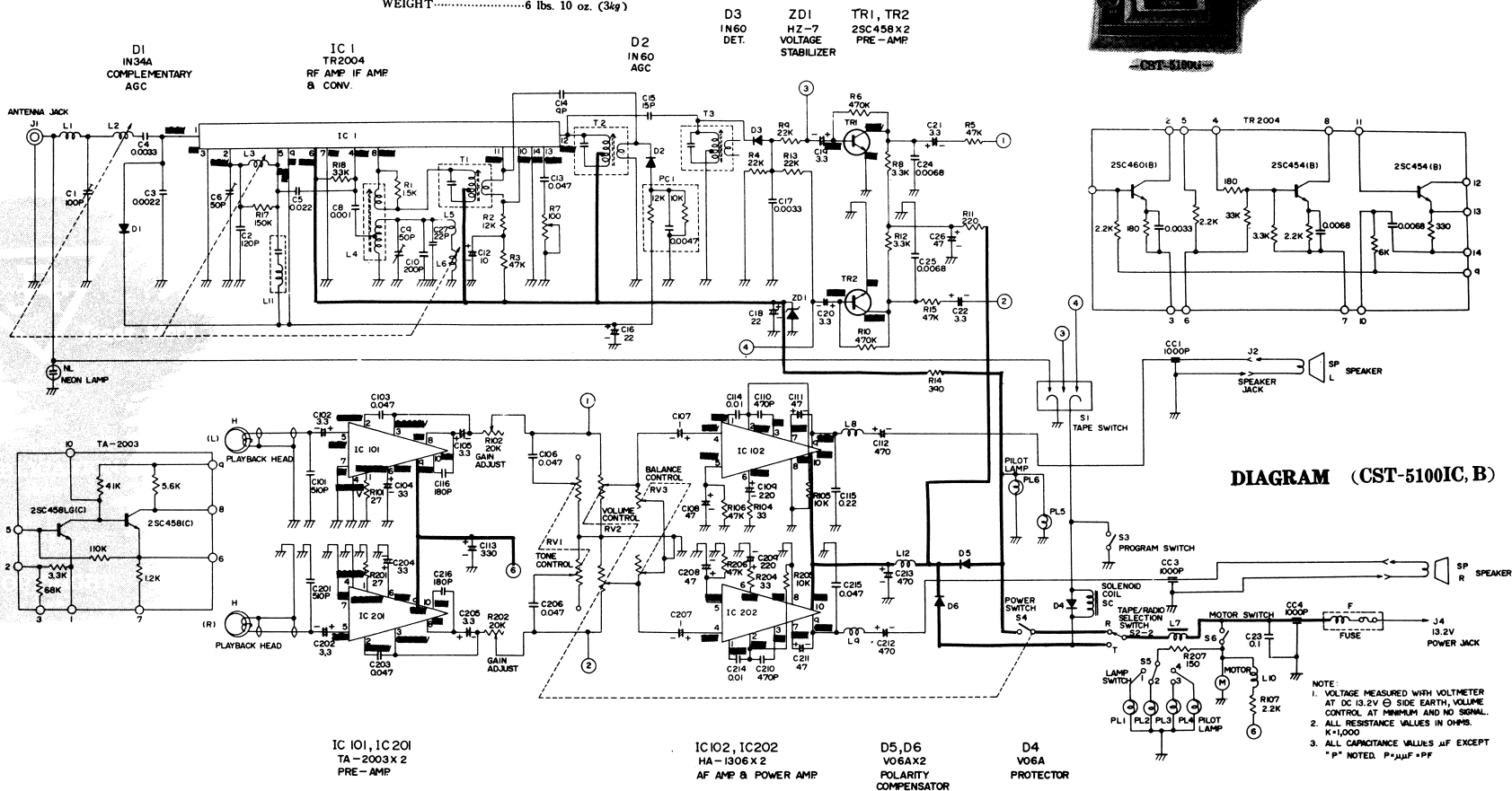
POWER SUPPLY DC: 12V (negative ground)
 OUTPUT IMPEDANCE 4 ohm
 CURRENT CONSUMPTION

..... 1.2A (CST-5100C, CST 5100B)
 300mA (with no signal)
 700mA (max.) }
 (CST-5100G)

ANTENNA telescopic antenna
 RO-250 (CST-5100B)
 RO-211G (CST-5100G)

SENSITIVITY 15dB (Max.)
 25dB (Practical)
 DIMENSIONS 2 3/4" (H) x 7 1/8" (W) x 6 1/4" (D)
 (6 x 18 x 16.5cm)
 WEIGHT 6 lbs. 10 oz. (3kg)

Hitachi CST-5100 1C H82



CIRCUIT DIAGRAM (CST-5100G)

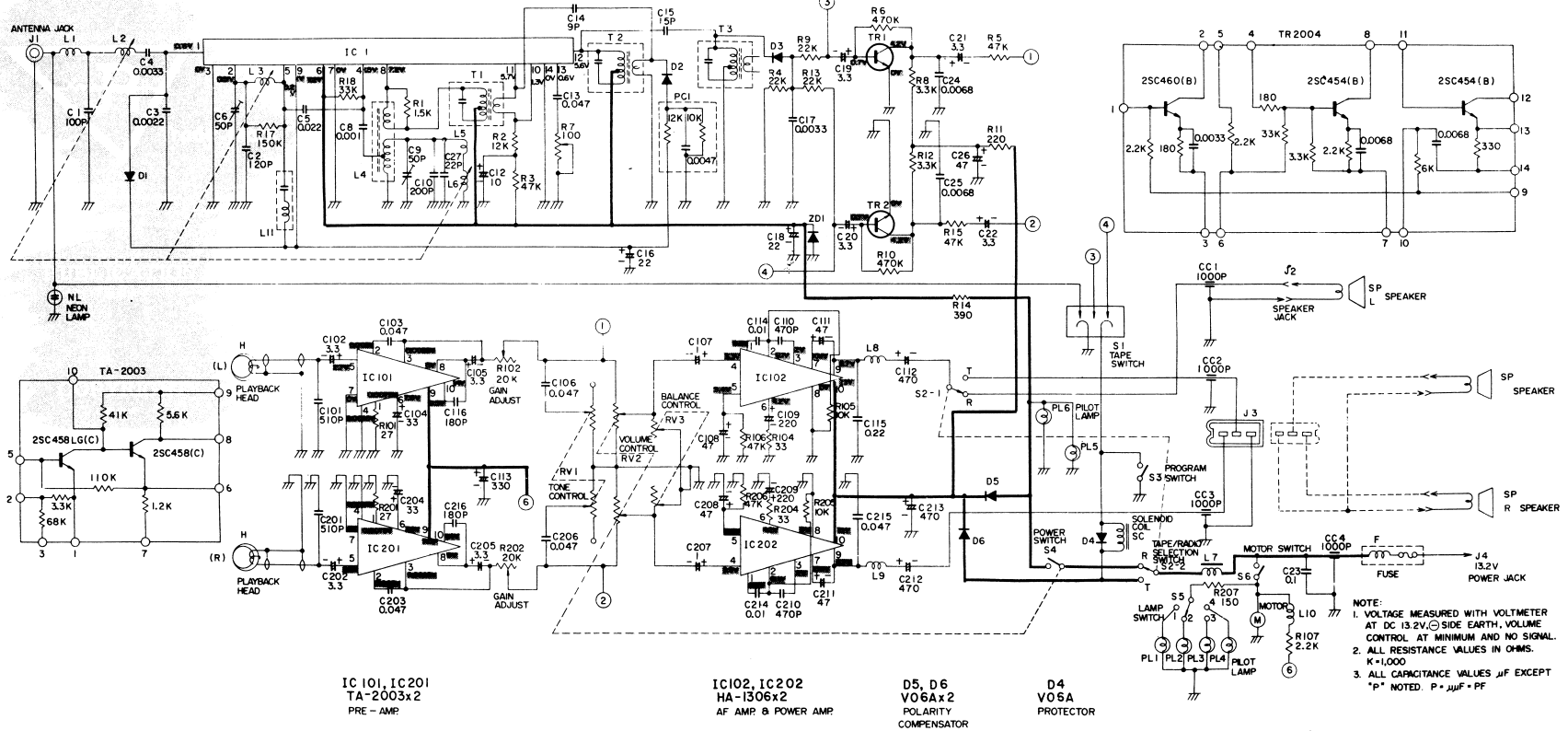
IC 1
TR2004
RF AMP. IF AMP
& CONV.

D 2
IN60
AGC

D 3
IN60
DET.

HZ-7
VOLTAGE
STABILIZER

TR 1, TR 2
2SC458x2
PRE-AMP



CIRCUIT BOARD DIAGRAM

