



CIRCUIT DIAGRAM
of the

PYE - ASTOR and ULTIMATE Hi-Fidelity Solid State Tuner Amplifier

MODEL 5010 "SOUNDMASTER"
5011 "TUNEMASTER"

and

Hi-Fidelity Solid State Stereogram

MODEL 552 "OLYMPIC"

Chassis Type TA-214

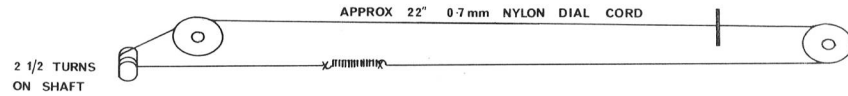
Before Serial No. 607401

Manufactured by:

PYE RADIO — TV — COMMUNICATIONS

MANUFACTURING DIVISION,
WAIHI

260.260.40



DRIVE CORD VIEWED FROM REAR

CHASSIS REMOVAL

Should it be necessary to remove the Chassis from the Cabinet the following notes may be of assistance.

MODEL 5011

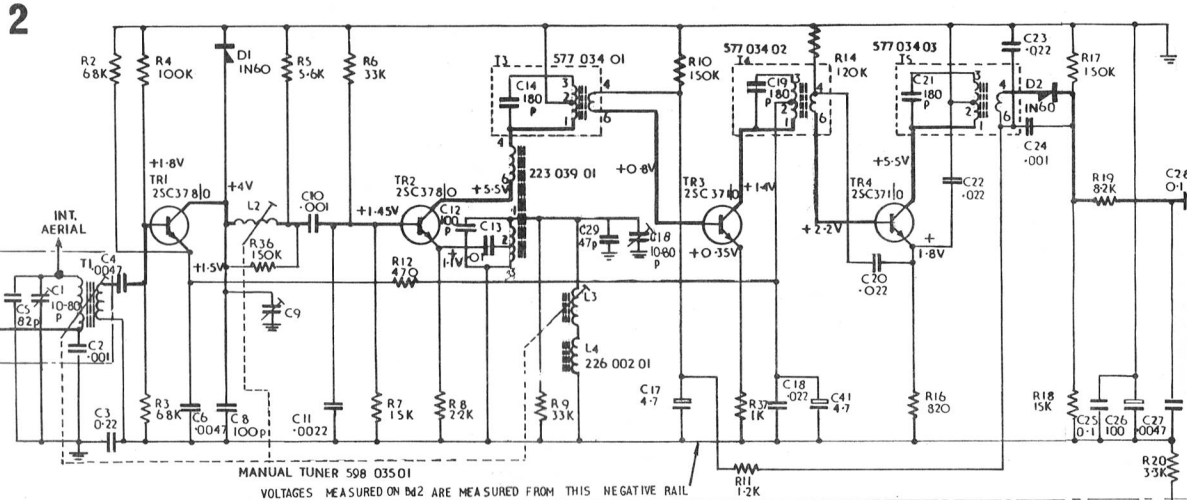
Remove back. Remove two screws from top of record storage compartment. Withdraw chassis through front.

MODEL 5010

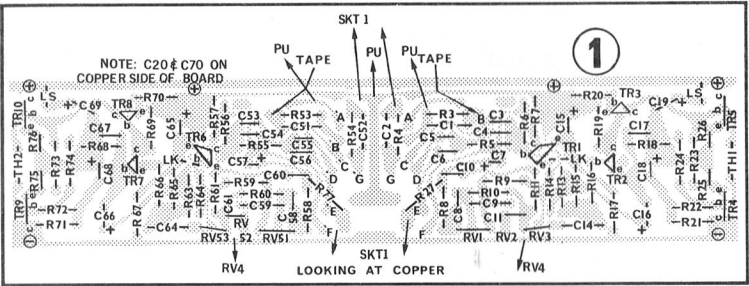
Remove bottom cover. Remove two screws either side of bottom of chassis. Ease chassis forward and gently remove through bottom of cabinet.

MODEL 552

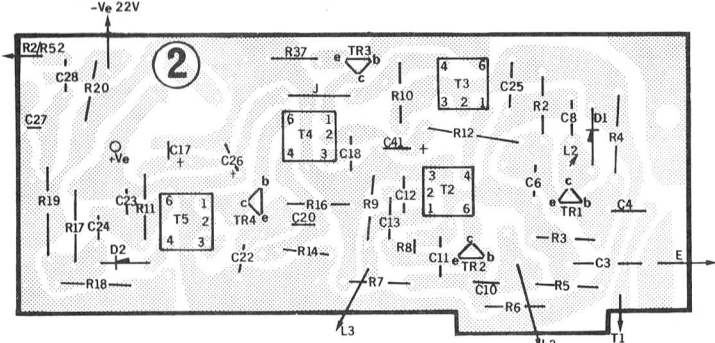
Undo two screws in wall of record compartment and carefully lift chassis vertically out of cabinet.



MANUAL TUNER 508 03501
VOLTAGES MEASURED ON M2 ARE MEASURED FROM THIS NEGATIVE RAIL



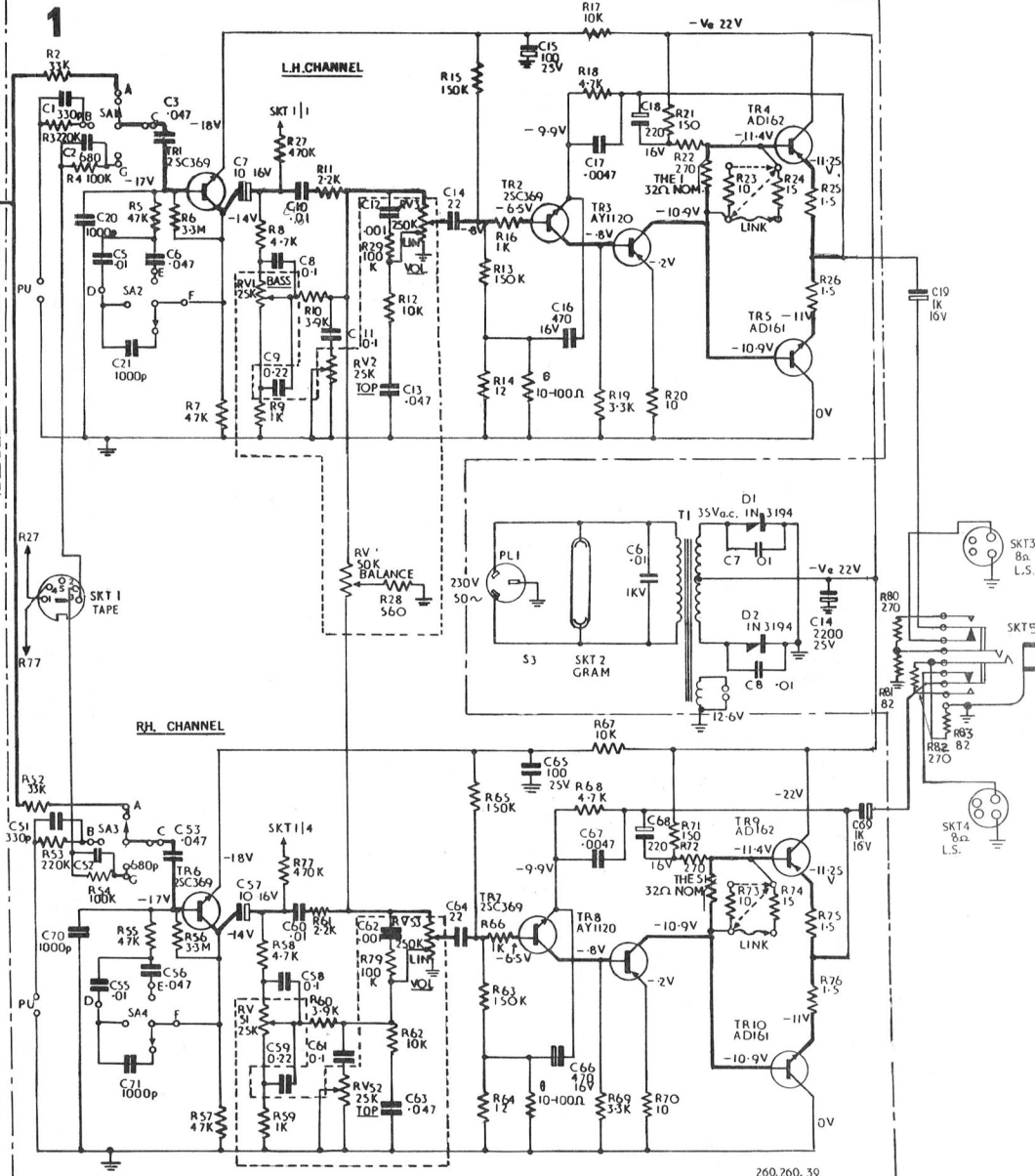
- NOTE: C20 & C70 ON COPPER SIDE OF BOARD
- LOOKING AT COPPER
- NOTES
- 1 RESISTOR VALUES SHOWN IN OHMS UNLESS OTHERWISE STATED
 - 2 CAPACITORS IN MICROFARADS UNLESS OTHERWISE STATED
 - 3 R21 & 71, R22 & 72 ARE 1/2W
 - 4 R1 & R51 ARE NOT USED
 - 5 TR5 & TR10 SET FOR 7-15mA WITHOUT SIGNAL ADJUST LINK(S)
 - 6 TYPICAL VOLTAGES MEASURED WITH NO INCOMING SIGNAL ON AVO No 8
 - 7 RV1 & 51, RV2 & 52, & RV3 & 53 ARE GANGED PAIRS
 - 8 SA1-4 ARE GANGED
 - 9 0 MAY BE REQUIRED TO BALANCE CHANNEL GAIN



MAXIMUM INPUT
GRAM - 1.3V
TAPE = 5V
RADIO - 2V

TONE CONTROLS
BASS AT 100cps = 15dB CHANGE
TOP AT 10kHz = 20dB CHANGE

INPUT AT 10kHz FOR 4 WATTS OUT
GRAM = 100mV
TAPE = 1000mV
RADIO = 500mV



PYE, ASTOR, ULTIMATE

Models 5010, 5011, 552