



How to Operate

"HIS MASTER'S VOICE"

STEREOPHONIC GRAMOPHONE AMPLIFIER

incorporating
CHASSIS TYPE G2



Now that you are the fortunate owner of an "H.M.V." Instrument, you are assured of musical entertainment at its best. Careful attention to correct installation will ensure that the excellence of your new "H.M.V." is brought out to full advantage.



***This Booklet must be delivered
with the Instrument to the User***

PART No. 682-7391

WARRANTY

Customer:

Retailer:

Model Type.....Serial No.....Date of Purchase.....

IMPORTANT NOTICE

Claims under this Warranty should in the first instance be made to your "HIS MASTER'S VOICE" Retailer, who should be able to locate the trouble and often apply a quick remedy.

He will also be able to advise if the fault is due to some part of the installation outside the instrument itself, and not covered by the Warranty.

Your Retailer is entitled to make a charge for carriage and packing costs.

If your Radio is located more than three miles beyond a Retailer's business premises, a mileage charge may also be made.

TERMS OF WARRANTY

In the event of any defect becoming apparent in this Equipment due to either FAULTY MATERIAL or WORKMANSHIP within a period of 90 days from date of delivery, such defect will be rectified, without cost to you for either labour or material, at the premises of the Accredited Retailer FROM WHOM THE EQUIPMENT WAS PURCHASED.

CONDITIONS

- (1) The Warranty is applicable only to the original purchaser who has purchased from an Accredited "HIS MASTER'S VOICE" Retailer at the Company's published retail selling price and any claim must give particulars of the serial number and type, and date of purchase.
- (2) The Warranty does not cover (a) batteries or accumulators, which are usually guaranteed by their respective makers; (b) damage resulting from incorrect installation or use other than in accordance with the operating instructions issued by the Company; (c) consequential damage.
- (3) The Warranty will be rendered invalid if the instrument is misused or if any unauthorised alteration, modification or substitution of any part of it be made or if the serial number be defaced or altered.
- (4) Should it be necessary to return the instrument, or any part, to the Company or distributor, cost of transportation both ways to and from the Company or Distributor must be carriage paid to the destination, the Company or Distributor accepting no responsibility for damage in transit.
- (5) If the instrument or any part is returned for any cause not covered by this Warranty, all costs involved including a charge for inspection and handling, must be paid.
- (6) IF ANY SERVICE UNDER THIS WARRANTY IS GIVEN BY THE COMPANY OR DISTRIBUTOR AT THE USER'S HOME, A CHARGE WILL BE MADE FOR TRAVELLING EXPENSES AND LABOUR.
- (7) No Retailer has any authority to vary the terms of this Warranty.

NOT TRANSFERABLE

THE GRAMOPHONE COMPANY LIMITED

(Incorporated in England)

2 PARRAMATTA ROAD, HOMEBUSH

"HIS MASTER'S VOICE"

INTRODUCTION

This model is a four-valve A.C. mains-operated gramophone amplifier, and has two sperarate audio channels suitable for reproduction of stereophonic records.

VALVE COMPLEMENT

2 Type 6AU6 — 2 type 6M5.

INSTALLATION

This model is designed to operate from alternating current supply mains of any voltage between 200 and 250 volts at a frequency of 50 c.p.s. It is normally supplied connected for operation on 226-250 volts. If it is desired to operate on voltages other than these, it will be necessary to alter the mains voltage adjustment of the instrument.

This operation should be carried out by the retailer who supplied the instrument.

If you are not sure of the voltage of your supply mains, please inquire from the electricity supply authorities before attempting to connect up the receiver.

Should the supply mains voltage be changed at any time, care must be taken to see that the instrument is correctly adjusted for the new supply voltage by the radio retailer from whom the instrument was obtained, or by a competent radio technician.

REMOVAL OF TRANSIT SCREWS

Before attempting to use the record player, turn the two screws at each side of the player fully clockwise. This releases the player from the cabinet so that the unit floats freely on its spring suspension.

LOUDSPEAKERS

The twin speaker units form the two halves of a carrying case. To install the speakers, open the case, separate the two halves by releasing the hinges, and plug each speaker into a socket provided at the rear of the amplifier unit.

It is not necessary to alter speaker connections to change from playing stereophonic records to ordinary records.

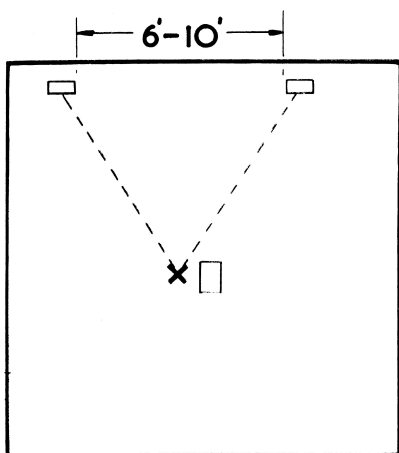
WARNING: *Never operate the amplifier unless BOTH speakers are connected.*

PLACEMENT OF CABINETS

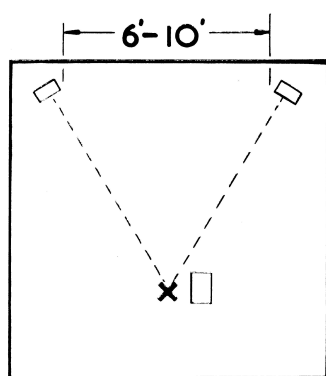
The speaker cabinets should be placed at one end of the room and from six to ten feet apart. They may face directly down the room or may face inwards slightly towards the listeners.

In many cases other consideration in the room will dictate the placement of cabinets, and any placement will be satisfactory which allows reasonable separation between units. The maximum stereophonic effect will be obtained when listening at a position roughly equidistant from both cabinets. However, this is not critical and a spatial effect will be obtained anywhere in the room.

Two suggested arrangements are shown below:



LARGE ROOM.



SMALL ROOM.

OPERATION

CONTROLS

The amplifier has five controls; their functions are marked on the respective knobs. These are, from left to right:

- On-Off
- Bass
- Volume
- Balance
- Treble.

ON-OFF SWITCH

When this control is rotated fully anti-clockwise a sharp "click" will be heard, and the amplifier is then switched on. Switching off takes place in a clockwise direction.

TREBLE AND BASS TONE CONTROLS

The use of these controls enables the treble and bass response of the amplifier to be varied independently.

Normally, these controls are set to their mid-position. Turning these controls clockwise from the mid-position emphasises the treble and bass registers, respectively. Similarly, retarding the control diminishes the treble and bass reproduction.

It will be appreciated that the setting of these controls is largely a matter of personal taste with regard to the tonal balance desired; however, the following suggested settings are offered as a guide:

Normal listening:

Set both controls to their mid-position. For low volume listening, advance both tone controls for optimum tonal balance.

Speech having a "booming" quality:

Set Treble control to maximum and retard Bass control for maximum intelligibility.

Undue predominance of Treble Tones or Noise:

Set the Bass control to mid-position and retard Treble control for noise reduction.

VOLUME CONTROL

Rotating this control in a clockwise direction will increase the volume.

BALANCE CONTROL

Its purpose is to balance the outputs of the two amplifier channels used for stereophonic reproduction so that sound which should emanate from the centre of the stage appear to come from mid-way between the two loudspeakers. A useful method for initial adjustment of this control is to use an ordinary LP record (not a stereophonic one), start the record player and then adjust the Balance Control until the sound appears to come from mid-way between the two cabinets. It is necessary to step back into the correct listening position, at equal distance from both speakers, in order to observe the effect.

Having set the Balance control in this manner, it is not necessary to adjust it any further during the playing of stereophonic or monophonic records.

OPERATING INSTRUCTIONS FOR RECORD PLAYER

Although the mechanism is robust and non-critical in adjustment, it must be handled with care. Force is not necessary when operating the mechanism, and warped or damaged records should not be used. The operating instructions below are in sequence, and should be performed in the order given.

TO PLAY STANDARD RECORDS — 78 r.p.m.:

- (1) Rotate the speed change knob until the figures “78” are facing the front of the instrument.
- (2) Place a standard 78 r.p.m. record on the turntable and turn the stylus setting lever on the pick-up to the “78” position.
- (3) Lift pick-up from the rest and move it across to the right in order to start the motor.
- (4) Carefully lower pick-up so that stylus is placed in the first playing groove of the record.
- (5) Adjust volume and tone controls to desired settings.
- (6) At the conclusion of the recital the automatic switch will operate and stop the motor. Lift pick-up from record and replace on rest.

It should be noted that on certain records of a very early type or those without “run-off” grooves, the automatic stop mechanism will not operate. At the conclusion of such records, lift the pick-up and move it sharply towards the centre of the record. This action will trip the automatic switch and stop the motor. The same procedure should be adopted when it is desired to change a record before it has finished.

TO PLAY MICROGROOVE AND STEREOPHONIC RECORDS

33 $\frac{1}{3}$ or 45 r.p.m.:

- (1) Turn speed control knob to the desired speed.
- (2) Place microgroove record on turntable and turn stylus setting lever to “33” position.
- (3) Lift pick-up from the rest and proceed as for playing standard recording.

16 $\frac{2}{3}$ r.p.m.:

The additional speed of 16 $\frac{2}{3}$ r.p.m. has been incorporated in this mechanism in view of the possible future development of records of this playing speed.

NEUTRAL POSITION

It is recommended that the Speed Selector Knob be set to the Neutral (“N”) position if the unit is to remain unused for any extended length of time.

IMPORTANT

Never forget to set the Stylus Setting and Speed Change Knobs to their correct positions before switching on.

Never use faulty records. Records with malformed centre holes frequently cause "wowing" or wailing tones on reproduction.

Occasionally examine the stylus point for accumulation of fluff, which should be removed gently. Failure to attend to this point can result in distorted reproduction.

Close lid gently whilst playing a record.

SERVICE

The facilities of our Service Divisions in Sydney, Melbourne, Adelaide, Perth and Newcastle, or the Service Division of our Distributors in Brisbane, are at the disposal of your retailer should any assistance be necessary.

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HOME BUSH :: N.S.W.