

*This Leaflet must be delivered with  
Instrument to the Purchaser*



INSTRUCTIONS  
FOR UNPACKING ASSEMBLING  
OPERATING AND CARE OF  
**“His Master’s Voice”**

*Spring Driven*

PORTABLE MODEL No. 101G Etc.



*Manufactured by*

THE GRAMOPHONE COMPANY LTD.  
HAYES, MIDDLESEX

## **1. SETTING UP MACHINE**

After unpacking instrument, remove Carton containing Soundbox from mouth of horn.

Dust out Well of the machine and note carefully the position of the Taper Arm and Winding Key, for it is essential that this position be maintained when the machine is closed.

Remove Winding Key and smear screwed end of it with a little of "His Master's Voice" Motor grease, insert Winding Key and screw into Winding Shaft.

Now remove Crook from clip and swing Taper Arm to the right as far as it will go. Place Soundbox on the Crook, engaging small pin on the inside of box in bayonet slot and turn box to the right until pin strikes end of slot. This will determine position of Soundbox.

Turn Crook back and allow Soundbox to rest on Spring Rest attached to Taper Tube.

## **2. TO OPERATE**

Stand Instrument on a firm level support and place record on Turntable, allowing spindle to protrude through the hole in the centre of record.

A pocket is fixed in Lid to carry six 10-inch records and this automatically opens and closes as lid is opened or closed, so that records are immediately to hand.

Do not attempt to carry more than six records at one time in this and be careful when closing the lid that records are not protruding from pocket.

Turn the winding key clockwise with a steady motion and wind until the spring offers undue resistance.

Insert "His Master's Voice" needle in triangular hole in Soundbox and tighten firmly by means of needle screw.

A needle container is fixed in the front right-hand corner of machine ; this can be brought into use by pressing centre front of container and then gently pulling out until it comes to a stop. Push in when not required or when moving instrument.

Release Brake, allow Turntable to attain full speed and place needle on plain outer edge of record and gently slide needle into the music grooves.

Machine should be stopped and started only by means of brake lever on right-hand side of motor-board.

## **3. PRECAUTIONS**

- (a) Be careful not to over-wind the motor
- (b) Special care should be exercised not to drop Soundbox on record as this will damage its adjustment as well as the record and the needle.
- (c) In the event of reproduction being unsatisfactory, the Soundbox should be returned to the dealer for adjustment, as this is the work of experts.
- (d) The use of "His Master's Voice" needles ONLY either "Tungstyle," Fibre or Steel needles will greatly prolong the life of records.

#### **4. SPEED REGULATOR**

Speed is of vital importance, as it affects the reproduction. "His Master's Voice" records are made at a uniform speed of 78 revolutions per minute unless otherwise specified in Catalogue, therefore records should be played at the same speed.

When the Indicator hand points to 78, the Turntable should be revolving at 78 revolutions per minute. To test this, use "His Master's Voice" Instantaneous Speed Tester, or place a piece of white paper under the edge of record, start Instrument, and whilst playing a record count the revolutions for one minute.

To adjust speed—remove spring washer from turntable spindle, remove Turntable, release two screws in indicator base plate by means of screw driver, and move base plate to the left to decrease speed and to the right to increase speed.

Re-tighten screws, replace turntable and spring washer, then re-test.

#### **5. CARE OF MOTOR**

Motors will need very little attention apart from occasional lubrication. The parts of machine requiring oil are :—

Bearings of Turntable and Governor Spindles  
Ends of Governor Sleeve, Governor and  
Intermediate Spindle, Brake Lever Pads.

The Gears should be smeared with a small portion of "His Master's Voice" Motor Grease.

The spring box should require no lubrication for a number of years.

To lubricate and oil mechanism :—

Remove spring washer from Turntable Spindle, also Winding Key, Turntable and motor board screws, then lift motor board complete from well of Cabinet, take out the three screws which hold the motor cover in position, then remove cover : the whole mechanism will then be exposed and can be lubricated according to lubricating label attached to motor board.

Caution.—Always see that the main spring is run down before loosening any nut or screw.

Note that identification plate is fitted under turntable in front of motor, this number should be quoted for all spare parts needed on this machine.

#### **6. TO CLOSE MACHINE FOR CARRYING**

Do not remove Soundbox but turn it back on to the Spring Rest, then swing Taper Arm to the left as far as it will go, push down Soundbox past the Spring Rest so that the Crook is held by the Spring Clip at mouth of horn.

Take out Winding Key and replace in Clips on Motor-board, release Lid Stay, close Lid and fix catch.

# “His Master’s Voice”

## Accessories

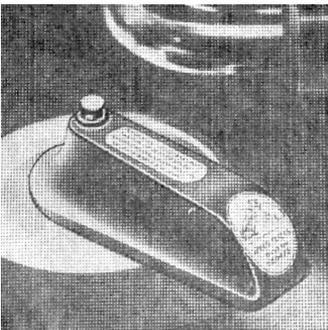


### RECORD ALBUMS

More records are scratched or broken through lack of proper storage than ever become worn out by actual playing. The simple solution is to store your records in “His Master’s Voice” Albums, which are strong and neat in appearance.

### RECORD CLEANING PAD

Will enable you to keep your records free from particles of dust or gritty matter, which would damage the playing surface and render the reproduction harsh and unmusical.



### SPEED TESTER

By placing the tester on the turntable spindle while the record is playing, you will be able to see if the record is revolving at the speed necessary to ensure true reproduction.