

# PHILIPS



**ELEKTROGRAMMOFOON**  
**ELECTROPHONE**  
**ÉLECTROPHONE**  
**PHONOKOFFER**  
**ELECTRÓFONO**

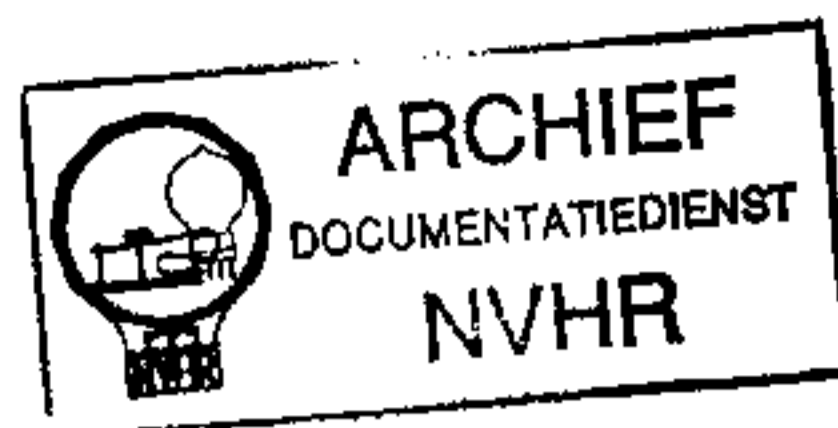


**AG 4456**

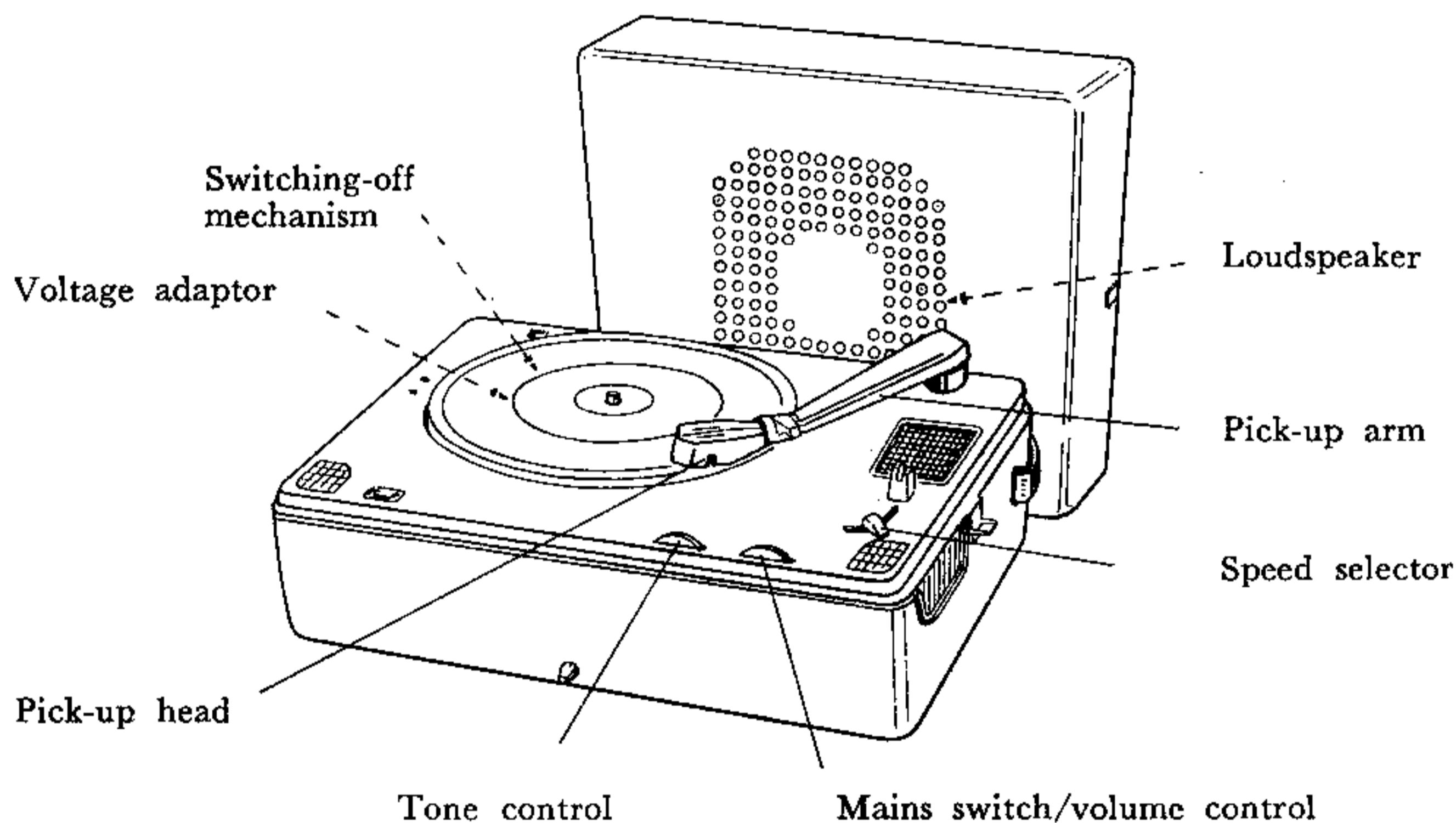
# INSTRUCTIONS FOR USE

Met dank aan Jos van den Broek

Ned. Ver. v. Historie v/d Radio



## PHILIPS ELECTROPHONE AG 4456



### DESCRIPTION

Your electrophone consists of a record player, an amplifier and a loudspeaker housed in a beautifully styled carrying case. By means of this record player (for speeds of  $16\frac{2}{3}$  -  $33\frac{1}{3}$  - 45 and 78 r.p.m.) standard records as well as microgroove and stereo records with diameters of 7", 10" and 12" can be played.

### INSTALLATION

Remove the lid. Unwind the loudspeaker flex and place the lid at some distance from

Standard-groove records, without speed indication are destined for 78 r.p.m.

- Place the record on the turntable.
- Select the correct needle. Place the lever of the pick-up head for microgroove records in position M, for standard-groove records in position N.
- Lift the pick-up arm from its support and move it to the right till a click is heard. Now place the needle carefully in the starting groove of the turning record.
- Adjust the required volume of sound by turning the volume control.
- ~~Adjust the tone by means of the tone control~~

Remove the lid. Unwind the loudspeaker flex and place the lid at some distance from the record player. Check whether the voltage adaptor under the turntable is adjusted to the local mains voltage.

If the value of the voltage which can be read through the recessed part does not correspond to the mains voltage, turn the setscrew with the aid of a coin so that the required voltage indication (220 V or 110/127 V) is visible through this recess.

Remove the elastic band blocking the switching-off lever; then place the turntable, packed separately, on to the spindle.

Remove the packing from the pick-up head and push the head on to the pick-up arm.

## OPERATION

- Pull the mains plug out of the sockets and remove the mains flex from the metal hooks. Do not forget to push down these hooks.
- Insert the plug into the socket and switch the electrophone on by turning the mains switch clockwise till a click is heard (the red dot on the switch is no longer visible).
- Set the speed selector at position 16 - 33 - 45 or 78 r.p.m., according to the indication on the label of the record.

- Adjust the tone by means of the ~~tone~~ control.

You can try whether the possible hum is reduced when the mains plug is reversed.

## SWITCHING OFF

The turntable is automatically stopped at the end of the record. To stop the turntable during playing the pick-up arm must be lifted and moved towards the middle of the record. If the electrophone will not be used for playing further records, turn the mains switch anti-clockwise till a click is heard (the red dot is visible again).

## STORING

Check, if necessary, whether the switching-off mechanism has functioned (move the arm towards the middle of the record). Push the pick-up arm on to its support. Remove the mains plug from the wall socket, wind the mains flex round the metal hooks which have been pulled out for that purpose and insert the plug into the sockets.

Wind the loudspeaker flex round the hooks of the inside of the lid. Place the lid on the case.

**TABLE OF PICK-UP HEADS**

Pick-up head	System	Needle	Suitable for records with:	Vertical needle force	Remarks
AG 3302	piezo electric	sapphire sapphire	N M + S	4—6 g.	Lever under M: microgroove and stereo Lever under N: standard groove
AG 3305	piezo electric	sapphire diamond	N M + S		
AG 3202*	piezo electric	sapphire sapphire	N M + S		
AG 3222*	piezo electric	sapphire diamond	N M + S		

N = standard groove

M = microgroove

S = stereo

\* = tropic proof

