

PHILIPS

AS 130 / AS 135 Midi-System



INDEX



NOM

Es necesario que lea cuidadosamente su instructivo de manejo.

Garantía pagina 61

(AUS) Australia

Guaranteee page 60

(NZ) New Zealand

Guaranteee page 60

Declaración de conformidad con normas

El que suscribe, en nombre y representación de:

Beijing Philips Audio/Video Corporation,
declara, bajo su propia responsabilidad, que el
equipo: **SYSTEMA MIDI**

fabricado por: Beijing Philips A/V Corp.
en: People's Republic of China

marca: Philips
modelos: AS130 / AS135

objeto de esta declaración, cumple con la normativa siguiente:
Reglamento sobre Perturbaciones Radioeléctricas,
Real Decreto 138/1989, Anexo V.

Hecho en Beijing, 1993.05.20

Firma:

Nombre: Zhang Linchun-Función: Local Quality Manager

(GB) English page 3
Illustrations page 57~59 English

(F) Français page 9
Illustrations page 57~59 Français

(D) Deutsch seite 15
Abbildungen seite 57~59 Deutsch

(NL) Nederlands pagina 21
Afbbeeldingen pagina 57~59 Nederlands

(E) Español página 27
Ilustraciones página 57~59 Español

(I) Italiano pagina 33
Illustrazioni pagina 57~59 Italiano

(S) Svenska sida 39
Figurer sida 57~59 Svenska

(SF) Suomi sivu 45
Kuvat sivu 57~59 Suomi

(DK) Dansk side 51
Figurer side 57~59 Dansk

INSTALLATION

- Unpack all parts, remove any protective material and take care not to throw away any separately packed parts.
- Fully tighten both record player transit screws [2] (Fig.3) (screw in clockwise direction). This releases the record player and enables it to rest on its springs. (For AS 135 only)
- Do not place the unit in direct sunlight or close to radiators, heaters, etc. This will prevent over-heating.
- Do not close any vent holes and ensure that there is enough ventilation space around the unit.
- Do not expose the unit to rain or moisture.

Important notes for users in the U.K.:

Mains Plug

This apparatus is fitted with an approved moulded 13 Amp plug

To change a fuse in this type of plug proceed as follows.

- Remove fuse cover and fuse.
- Fix new fuse which should be a BS1362 5 A, A S T.A. or BSI approved type.
- Refit the fuse cover

If the fitted plug is not suitable for your socket outlets, it should be cut off and an appropriate plug fitted in its place.

If the mains plug contains a fuse, this should have a value of 5 A. If a plug without a fuse is used, the fuse at the distribution board should not be greater than 5 A.

Note: The severed plug must be destroyed to avoid a possible shock hazard should it be inserted into a 13 A socket elsewhere.

How to connect a plug

The wires in the mains lead are coloured with the following code.

blue = neutral (N), brown = live. (L)

As these colours may not correspond with the colour markings identifying the terminals in your plug, proceed as follows:

- Connect the blue wire to the terminal marked N or coloured black.
- Connect the brown wire to the terminal marked L or coloured red.
- Do not connect either wire to the earth terminal in the plug, marked E (or \oplus) or coloured green (or green and yellow)

Before replacing the plug cover, make certain that the cord grip is clamped over the sheath of the lead – not simply over the two wires

Copyright: Recording and playback of material may require consent. See Copyright Act 1956 and The Performer's Protection Acts 1958 to 1972.

CONNECTIONS

Fig. 1

- Ⓐ Terminal for FM aerial, 75 ohms e.g. central aerial system (NOT ON ALL VERSIONS). The auxiliary aerial which is supplied can be used for local FM transmitters. Adjust the direction of this aerial for best reception. *Note:* It is recommended to use an external aerial particularly for good FM-stereo reception.
- Ⓑ Terminal for SW aerial (NOT ON ALL VERSIONS).
- Ⓒ CD/AUX sockets, to connect a Compact Disc player or another sound source.
- Ⓓ Loud speaker terminals for connecting two loudspeakers, impedance 8 ohms. See also Fig. 6. For details, consult 'GENERAL INFORMATION'.
- Ⓔ Mains cable. Connect the plug to a wall socket. **Warning:** Before connecting the unit to the mains, check that the operating voltage given on the type plate corresponds to the local mains voltage. If this is not the case, consult your dealer.
- Ⓕ Voltage selector (NOT ON ALL VERSIONS). If your version has a voltage selector, check that the setting of the voltage selector corresponds with the local mains voltage.
The type plate is on the rear of the unit.

CONTROLS

English

CONTROLS

Fig. 2

- 1 POWER ON/OFF switch, for switching the entire unit on/off.
- 2 Graphic equalizer tone controls .
- 3 Dial pointer with on/off indicator.
- 4 Dust cover for record player.
- 5 AM/FM wave range selector.
- 6 AM wave range selector (NOT ON ALL VERSIONS).
- 7 STEREO/MONO selector.
- 8 FREQUENCY TUNING control, for tuning into radio stations.
- 9 FM STEREO indicator: lights up when an FM broadcast in stereo is received and selector 7 is in the STEREO position.
- 10 VOLUME control.
- 11 DYNAMIC BASS BOOST button with indicator.
- 12 CD/AUX selector with indicator.
- 13 PHONO selector with indicator.
- 14 Cassette holder deck II.
- 15 PHONES socket (6.3 mm) for connecting stereo headphones (impedance 8–1,000 ohms). The loudspeakers are automatically switched off when using headphones.
- 16 PAUSE button: for stopping the tape transport in deck II momentarily.
- 17 WIND button for deck II: for fast forwarding the tape.
- 18 REW button for deck II: for fast rewinding the tape.
- 19 PLAY button for deck II: for starting playback.
- 20 STOP/EJECT button for deck II.
- 21 PAUSE button: for stopping the tape transport in deck I momentarily.
- 22 WIND button for deck I: for fast forwarding the tape.
- 23 REW button for deck I: for fast rewinding the tape.
- 24 PLAY button for deck I: for starting playback.
- 25 RECORD button: to make a tape recording.
- 26 STOP/EJECT button for deck I.
- 27 Cassette holder deck I.
- 28 TUNER selector with indicator.
- 29 TAPE selector with indicator.
- 30 HIGH SPEED DUBBING selector with indicator, for selection of normal or high tape speed when dubbing.
- 31 MIC.MIX socket (not on all versions) for a mono microphone (impedance 600–2,000 ohms).

Record player, Fig. 3

- 1 Adapter for 45 rpm. records.
- 2 Transit screws.
- 3 Cue lever, for lifting and lowering the tone arm.
- 4 Speed selector 33-45, for selecting the speed.
- 5 Fixing clip for the tone arm.

OPERATION

OPERATION

SWITCHING ON AND OFF

- Use POWER ON/OFF switch ① to switch on the unit. The on/off indicator ③ will light up.
- To switch off, press POWER ON/OFF switch ① again. Indicator ③ will fade.

Note:

To prevent damage first switch off the record player or tape decks.

- The record player: by moving lever ③ to the ▽ position and then moving the tone arm outwards. When the arm reaches the support, the turntable will stop.
- The tape decks: by pressing the STOP/EJECT button once.

AMPLIFIER

- Turn the volume control ⑩ to minimum (fully anti-clockwise).
- Press one of the selector buttons CD/AUX ⑫, PHONO ⑬, TUNER ⑭, TAPE ⑮. The appropriate indicator will light up.
- Turn the volume control ⑩ to the desired level.
- Adjust the tone using the graphic equalizer controls ②. Press the DYNAMIC BASS BOOST button ⑪ for additional amplification of the bass reproduction.

TUNER

- Select tuner mode (radio) with TUNER button ⑯.
- Select the desired tuning range using selector ⑤ (and ⑥; not on all versions).
- Tune to the desired station with FREQUENCY TUNING knob ⑧.
- If there is interference when receiving FM stereo broadcasts, put STEREO/MONO button ⑦ in the MONO position. STEREO indicator ⑨ will then extinguish.

Note:

In the MONO position any stereo noise resulting from weak stereo reception will disappear. Under normal circumstances, leave this button in the STEREO position.

RECORD PLAYER (For AS 135 only)

- Select the phono mode with PHONO selector button ⑬.
- Place a record on the turntable. For records with a large centre hole, use the adapter ①.
- Remove the stylus protector by pulling it forwards.
- Use selector ④ to select the appropriate speed.
- Make sure that the arm is lying freely on its support (not fixed with clip ⑤).
- Move lever ③ to the ▽ position.
- Take the tone arm from its support and move it inwards. This starts the record player. Then position the arm above the desired track on the record.
- Move the lever ③ carefully to the ▽ position. The record starts to play.
- The record can be interrupted by moving lever ③ to the ▽ position. To continue, move lever ③ to the ▽ position.
- The record player stops automatically at the end of the record and the arm returns to its support.
- Stopping can be done at any given moment. Set lever ③ to the ▽ position and then move the player arm outwards. When you reach the support, the turntable will stop.
- Set lever ③ to the ▽ position, secure the arm and replace the stylus protection cover.

Note:

If the auto-return mechanism of the record player fails to work the first time after transit, move the tone arm towards the centre by hand. The mechanism will activate, and the tone arm will return. Do not use force; be positive, but gentle. Once the auto-return mechanism has been reset in this manner, it will function automatically thereafter.

CD/AUX INPUT

- The CD/AUX sockets ④ can be used to connect a Compact Disc player or the sound channel of a television set. It could also be a separate tuner, receiver, recorder (only for playback) etc.
- Select the CD/AUX mode with selector button ⑫, when you wish to use the CD/AUX input.

OPERATION

CASSETTE RECORDING

- Recording is only possible with deck I.
- For *recording*, always use NORMAL or FERRO cassettes (IEC type I).
- For *playback*, any cassette type can be inserted.

Copyright

Recording is permissible insofar as copyright or other rights of third parties are not infringed.

Prepare the recorder for recording as follows:

- Open the cassette compartment ⑳ by pressing in STOP/EJECT ㉔ once, if necessary twice.
- Put a cassette in the cassette compartment: open side down, the full spool to the left (Fig. 4).
- Do not use safeguarded cassettes for making a recording. It will obstruct proper operation of record button ㉕, with risk of damage.
- Close the cassette compartment.
- Press in PAUSE button ㉑.
- Press in the RECORD button ㉕. The PLAY button ㉒ will follow automatically.
- Select the sound source to be recorded, using the selectors ㉒, ㉓, ㉔ or ㉕.
- By releasing the PAUSE button ㉑ at the correct moment, the recording will start.
- When the recording is completed, press the PAUSE button ㉑ again. The recorder will then remain ready for the next recording.
- If you stop recording, press the STOP/EJECT button ㉔. Do not forget to release the PAUSE button ㉑ if it is pressed in.

CASSETTE PLAYBACK (TAPE MODE)

- Press TAPE selector ㉖.
- Either cassette deck I or II may be used.
- Open the cassette compartment by pressing STOP/EJECT button ㉔ or ㉕.
- Place a recorded cassette in the compartment: open side down, full spool to the left.
- Close the cassette compartment.
- Press the PLAY button ㉒ or ㉓. This starts playback of deck I or deck II. If both PLAY buttons are pressed, deck II has priority.
- To stop playback, press STOP/EJECT button ㉔ or ㉕. The tape stops automatically at the end of the cassette.

MICROPHONE/SOUND MIX (not all versions)

By connecting a microphone to socket ㉗ it is possible to mix microphone sound with the playback from a sound source which is switched on (tuner, record player, cassette or AUX source).

The mixed sound can be listened to via the connected loudspeakers or headphones and/or be recorded on deck I.

Note:

- The HIGH SPEED DUBBING button ㉘ must *not* be pressed.
- If you wish to use the unit as a microphone amplifier without mixing with another sound source, switch off the record player or other sound source connected to the CD/AUX terminals ㉙.

CONTINUOUS PLAYBACK

- Press TAPE selector ㉖.
- Press both STOP/EJECT buttons and insert a recorded cassette into both decks.
- Press PLAY button ㉓ of deck II. Deck II will now play.
- Press PAUSE button ㉑ and then press PLAY button ㉒ of deck I. The tape in deck I stands still.
- At the end of the cassette in deck II (or when STOP/EJECT button ㉔ is pressed), deck I will start playing back.

DUBBING – Copying from deck II to deck I

- Press TAPE selector ⑳.
- Select the dubbing speed with selector ㉑. Do not press this button *during* dubbing.
- Press both STOP/EJECT buttons and insert a recorded cassette into deck II and a cassette which is suited for recording into deck I.
- Press in PAUSE button ㉒.
- Press in the RECORD button ㉓.
- Dubbing will start by pressing the PLAY button ㉔ on deck II.
- To omit undesired passages, press PAUSE ㉒ on deck I. Deck II will continue the playback. To restart copying, press PAUSE ㉒ once more.
- Using the PAUSE button ㉒ of deck II, deck I will record a blank part.
- To stop dubbing, press both STOP buttons ㉕ and ㉖.

FAST WINDING AND REWINDING

Press WIND button ㉗ / ㉘ or REW button ㉙ / ㉚. To stop fast winding, press STOP/EJECT button ㉕ / ㉖.

FULL AUTOMATIC STOP

When the end of the tape is reached during recording, playback and fast forward winding or rewinding, the pressed recorder buttons will automatically be released.

GENERAL INFORMATION**Cassettes and recording**

- The position of the volume and tone controls have no effect on the recording.
- The tape in the cassette is secured at both ends with leader tape. Bear in mind that at the beginning (and also at the end) of the cassette nothing will be recorded for 6 to 7 seconds!
- The accidental erasure of a recording can be prevented by breaking the small tab in the top left-hand corner on the back of the cassette (see Fig. 5). You can then no longer record on this side. This protection can be reversed with a small piece of adhesive tape.
- Store the cassettes in the box provided, keep them at room temperature and do not put them in the sun or too close to magnets and transformers of e.g. recorders, radios, TVs and loudspeaker boxes.

Connecting and positioning loudspeakers

- Loudspeakers are connected to the terminals ㉛ (see Fig. 1 and 6).
- Cut off loudspeaker plugs, or use adapter cables and remove approximately 8 mm of the insulation.
- One of the two wires of a loudspeaker cable is marked, e.g. with a colour or rib. Connect the marked wire to the red terminal, the non-marked wire to the black terminal. Make sure that the colour combination of wire and terminal is exactly the same for both loudspeakers, see Fig. 6.
- In order to achieve as good a stereo effect as possible, take a little care when setting up the loudspeakers. The best set-up can only be found by experimenting.
- Bass reproduction is amplified by placing the loudspeakers on the floor or in a corner. Treble reproduction is impaired by placing the loudspeakers behind curtains etc.
- Try to keep the set-up as symmetrical as possible, also with regard to the height at which the loudspeakers are positioned.

MAINTENANCE

MAINTENANCE

Maintenance of the record player

The record player requires little maintenance because self-lubricating bearings are used.

Replacing the stylus carrier

The stylus unit can completely be removed and replaced (see Fig. 7 and 8).

- Carefully press down the front edge of the stylus carrier until it is released. Support the cartridge while pressing.
- Remove the released carrier from the cartridge by moving it further downwards.
- Mount the new carrier by first sliding its rear part in place. Then carefully push the front part upwards until you *feel and hear* the carrier click into position.

Dust cover

Because the dust cover is fitted with frictional hinges, it can be set to almost any position. If this does not seem to be the case, carefully tighten the screws Ⓒ, Fig. 1.

The hinges must not be lubricated!

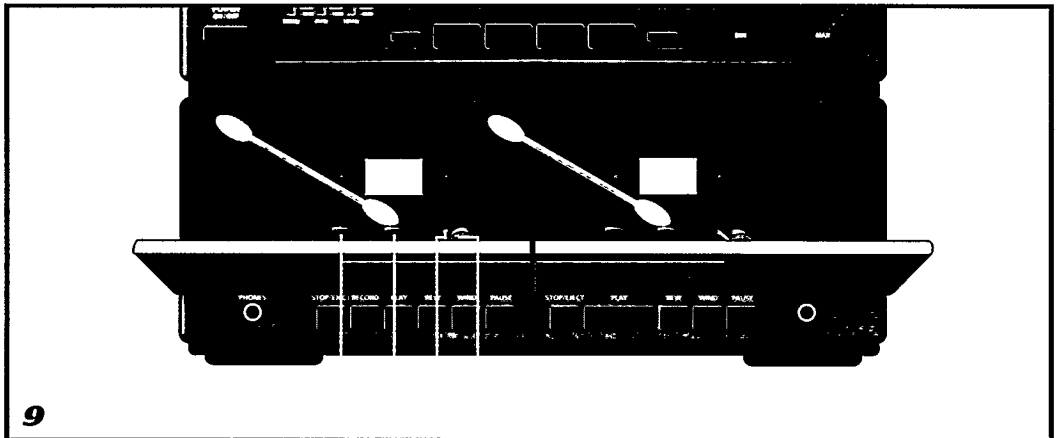
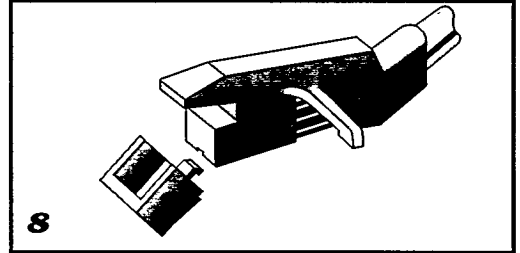
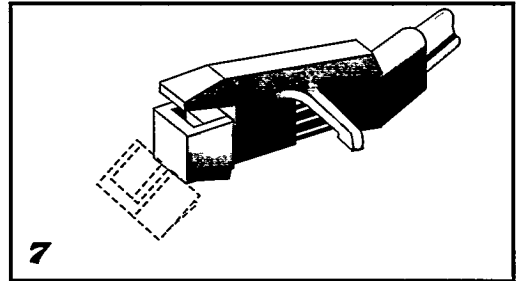
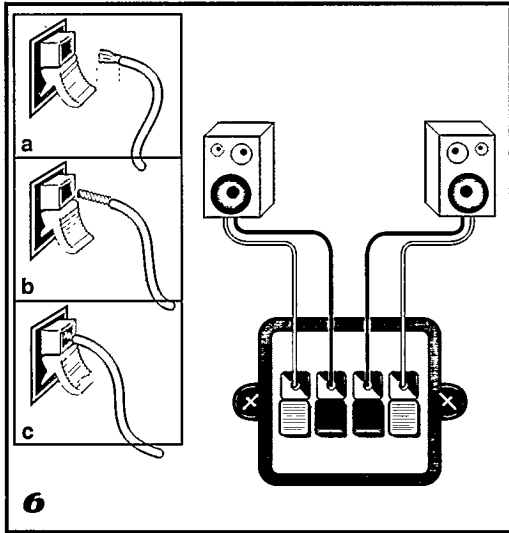
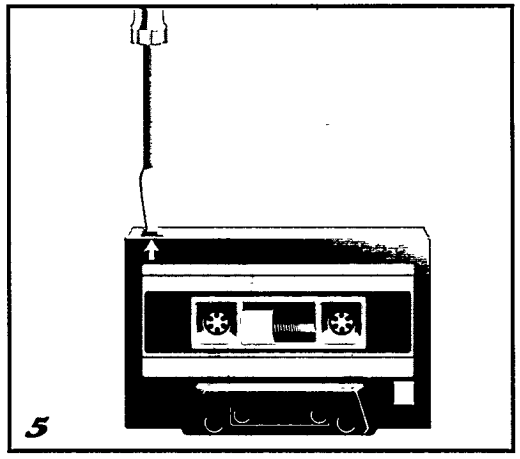
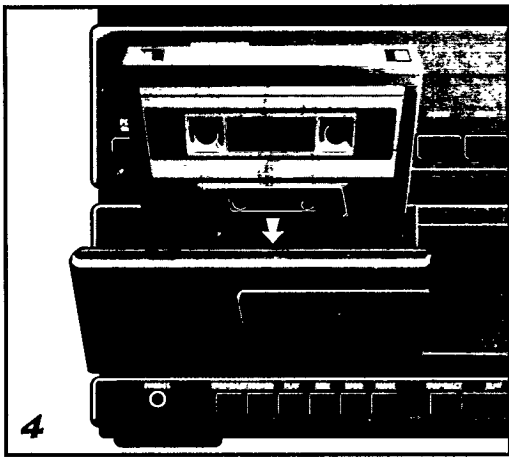
Recorder maintenance

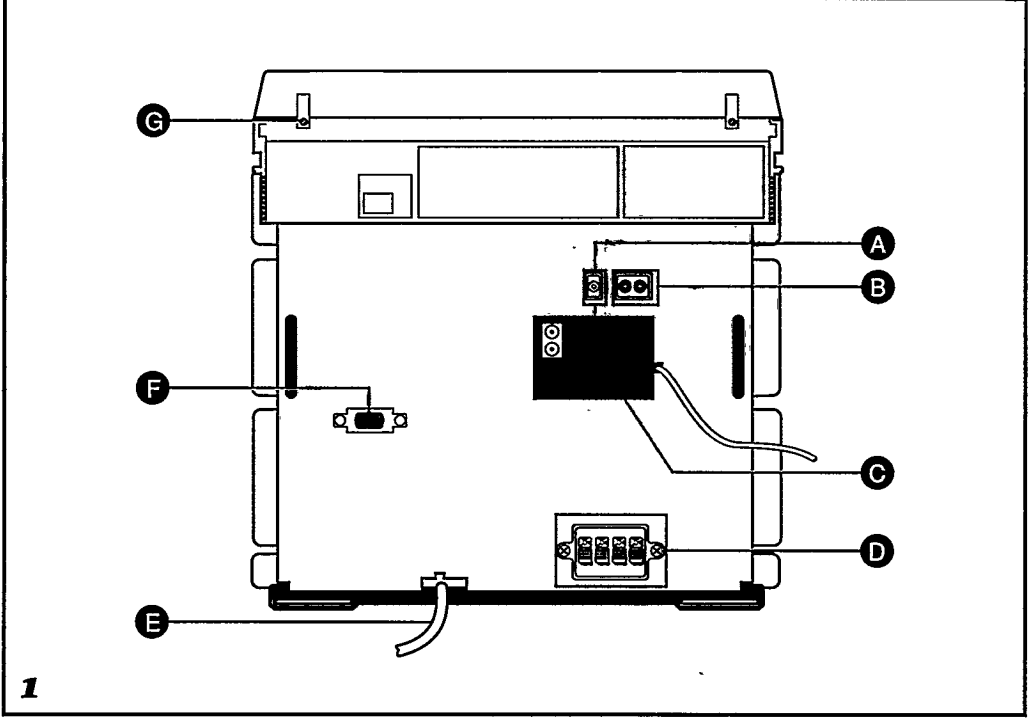
After approximately 15 hours of use the heads Ⓐ and Ⓑ, the drive shaft Ⓒ and the pinch roller Ⓓ (see Fig. 9) must be cleaned because otherwise both recording (only deck 1) and playback may deteriorate in quality. You can clean these by:

- playing a cleaning cassette,
- with a piece of cotton wool dipped in alcohol. Make sure that the unit is not connected to the mains.

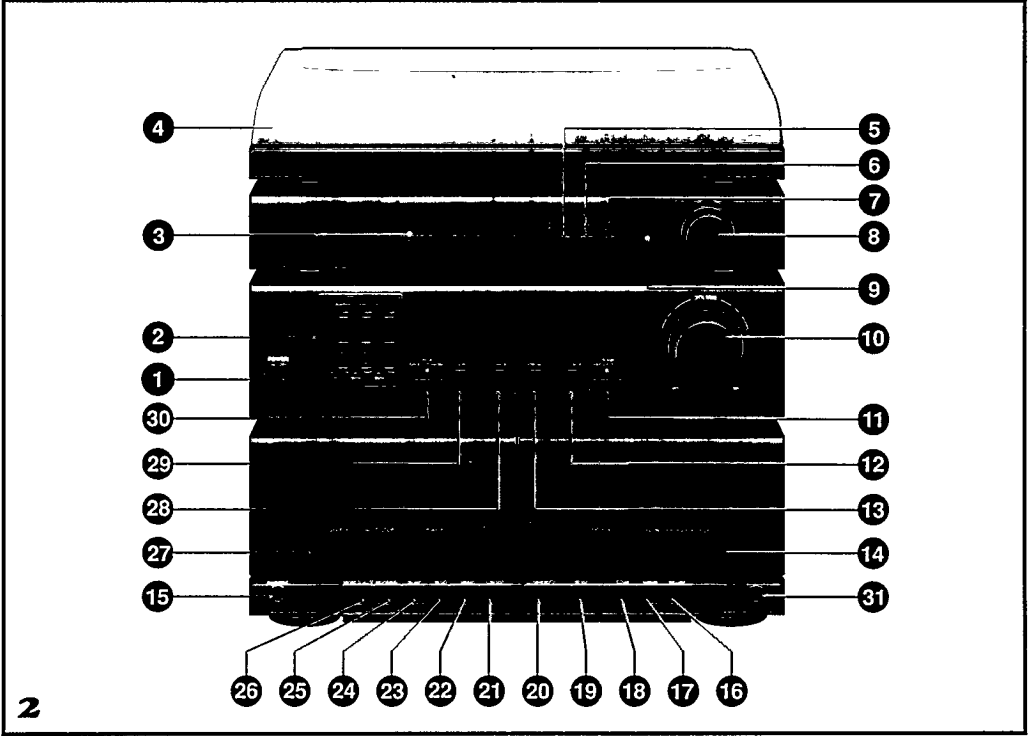
The drive mechanism must not be lubricated!

This product complies with the radio interference requirements as laid down in European Community regulations.

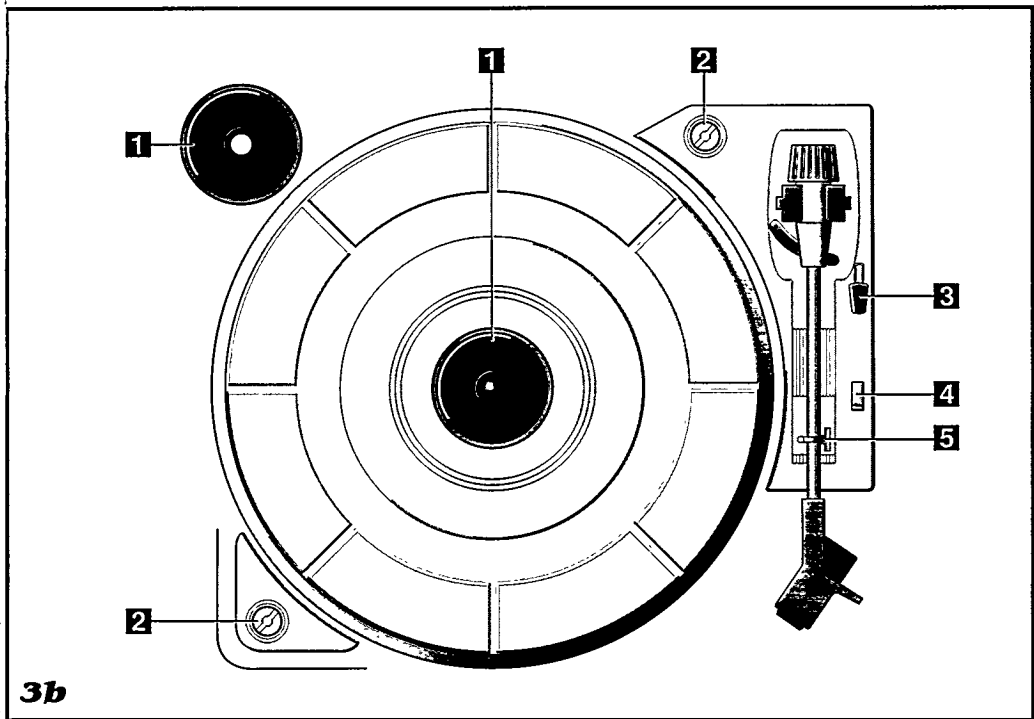
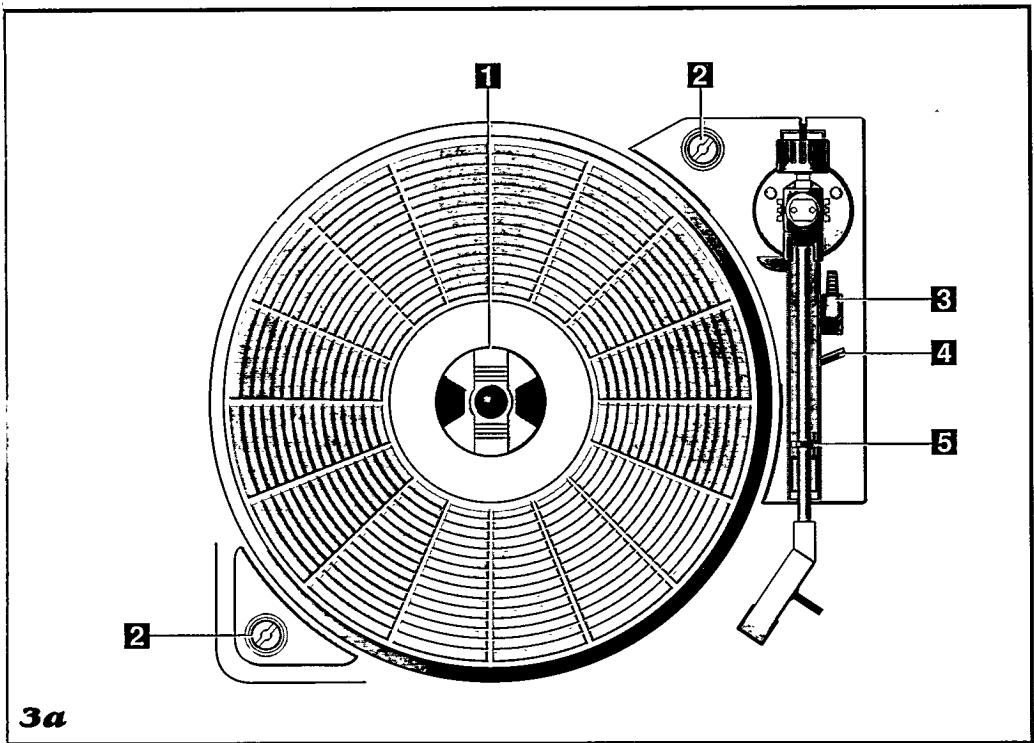




1



2



GUARANTEE

GUARANTEE AND SERVICE VALID FOR AUSTRALIA

The benefits given to the purchaser by this warranty are in addition to all other rights and remedies, which, under the Trade Practices Act or other Commonwealth or State law, the purchaser or owner has in respect of the product.

The Philips product carries the following warranties: C-series HiFi-systems: 12 months. Compact Disc Players: 12 months. Home Audio Systems: 6 months. Clock radios, portable radios, cassette recorders, cassette players and radio recorders: 90 days.

Any defect in materials or workmanship occurring within the specified period from the date of delivery, will be rectified free of charge by the retailer from whom this product was purchased.

Note: Please retain your purchase docket to assist prompt service.

Conditions of this warranty

1. All claims for warranty service must be made to the retailer from whom this product was purchased. All transport charges incurred in connection with warranty service or replacement will be paid by the purchaser.
2. These warranties do not cover batteries and extend only to defects in materials or workmanship occurring under normal use of the product where operated in accordance with our instructions.

**Philips Consumer Products Division,
Technology Park
Figtree Drive, Australia Centre
Homebush 2140, New South Wales**

GUARANTEE AND SERVICE FOR NEW ZEALAND

Thank-you for purchasing this quality Philips product. The document you are now reading is your guarantee card.

Guarantee

Philips New Zealand Ltd guarantees this product against defective components and faulty workmanship for a period of 12 months. Any defect in materials or workmanship occurring within 12 months from the date of purchase subject to the following conditions will be rectified free of charge by the retailer from whom this product was purchased.

Conditions.

1. The product must have been purchased in New Zealand, and this guarantee card completed at time of purchase (this is your proof of the date of purchase).
2. The guarantee applies only to faults caused by defective components, or faulty workmanship on the part of the manufacturer.
3. The guarantee does not cover failures caused by misuse, neglect, normal wear and tear, accidental breakage, use on the incorrect voltage, use contrary to operating instructions, or unauthorised modification to the product or repair by an unauthorised technician.
4. Reasonable evidence (in the form of a sales docket or completed guarantee card) must be supplied to indicate that the product was purchased no more than 12 months prior to the date of your claim.
5. In the event of a failure, Philips shall be under no liability for any injury, or any loss or damage caused to property or products other than the product under guarantee.

This guarantee does not prejudice your rights under common law and statute, and is in addition to the normal responsibilities of the retailer and Philips.

How to claim.

Should your Philips product fail within the guarantee period, please return it to the retailer from whom it was purchased. In most cases the retailer will be able to satisfactorily repair or replace the product.

However, should the retailer not be able to conclude the matter satisfactorily, or if you have other difficulties claiming under this guarantee, please contact

**The Guarantee Controller,
Philips New Zealand Ltd.
P.O. Box 41,021
Auckland
(09) 84 44 160**

GARANTIA PARA MEXICO

Este aparato está fabricado con materiales de alta calidad y ha sido cuidadosamente verificado. Philips, por lo tanto, da a usted una garantía de 12 meses a partir de su fecha de compra.

La garantía ampara la reposición de las piezas defectuosas debidas a fallas en su montaje o en los materiales, incluyendo la mano de obra necesaria para su reemplazo en nuestras Sucursales o talleres autorizados.

En caso de fallas en su aparato le rogamos se sirva poner en contacto con su distribuidor.

Esta garantía no cubrirá las averías que resulten como consecuencia de una instalación incorrecta del aparato, manifiesto maltrato o uso inadecuado del mismo. Philips se obliga a reparar y devolver a usted su aparato en un plazo no mayor de 30 días hábiles contados a partir de la fecha de haber ingresado su aparato a uno de nuestros talleres.

Para que esta garantía sea válida, es necesario que el certificado que figura en la parte posterior de esté instructivo haya sido debidamente llenado en el momento de la compra del aparato.

En caso de extravío del certificado con la presentación de la factura o remisión de su aparato podrá hacer efectiva la garantía correspondiente.

Si usted tiene alguna duda o pregunta que no le pueda solucionar su distribuidor, por favor ponerse en contacto con

**Oficinas Centrales de Servicio,
Av. Coyoacán No. 1051, Col. del Valle,
03100 MÉXICO, D.F.
☎ 5-75-20-22 o 5-75-01-00**



This sign on the packaging is only meant for Germany.

Dieses Zeichen auf der Verpackung gilt nur für Deutschland.

Le symbole sur l'emballage n'a que du sens en Allemagne.

Dit symbool op de verpakking is alleen van toepassing in Duitsland.

Esta señal en el paquete es válida sólo para Alemania.

Questo simbolo sull'imballaggio è destinato solo alla Germania.

Detta märke på indpakningen gælder kun for Tyskland.

Detta märke på emballaget är endast avsett för Tyskland.

Tämä pakkauksessa oleva merkintä on tarkoitettu ainoastaan saksaa varten.

AS130
AS135

