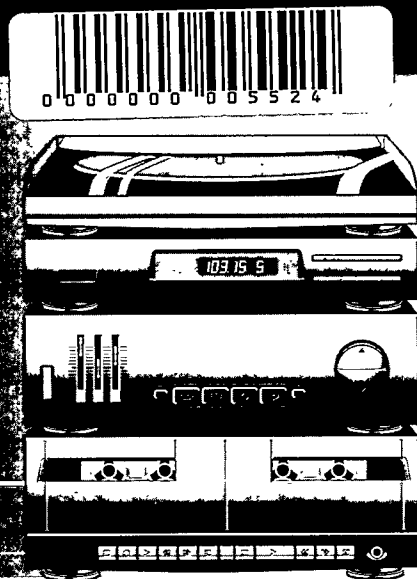


PHILIPS



AS 401
AS 405

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PHILIPS

Declaración de conformidad con normas

El que suscribe, en nombre y representación de:
Audio Electronics SDN. Berhad

Declara, bajo su propia responsabilidad, que el

Equipo: **Combinación**
Fabricado por: **Audio Electronics SDN. Berhad**
En: **Far East**
Marca: **Philips**
Modelo: **AS 401 / AS 405**

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

Hecho en: **Malaysia, 11-1991**

Firma:

Nombre: **Khoo Bee Im**
Cargo: **Safety Coördinator**



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English

INSTALLATION

- Unpack all parts and remove protective material.
- Fully tighten both record player transit screws Δ (Fig. 3). Screw in clockwise direction (record player not on all versions).
- Insert the batteries of the remote control unit, as indicated in the battery compartment.
- Do not cover any vents and make sure that there is sufficient ventilation room around the unit.

Important notes for users in the U.K.:

Mains plug

The U.K. version is not fitted with a mains plug. When fitting a mains plug to the mains lead, proceed as follows:

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

blue = neutral, brown = live.

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

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

Note:

– For 13 Amp plugs conforming to BS 1363, use a 3 Amp fuse. For other plugs, use a 5 Amp or lower fuse in the plug, or adapter at the distribution board.

If in doubt, consult a qualified electrician.

Copyright:

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

CONNECTIONS, Fig. 2

- (A) terminals for loudspeakers, minimum impedance 8 ohms. For further information, see GENERAL INFORMATION.
- (B) CD.TV IN, for connecting a compact disc player, or for the sound channel of a TV set, etc.
- (C) PHONO IN terminals, for connecting record player (not on all versions).
- (D) RC OUT, can be connected (with the optional cable SBC 1103 or 4822 321 21204) to the REMOTE IN of your CD player, if it has a corresponding socket for remote control.
- (E) GRID SELECTOR (not on all versions), see TUNER.
- (F) terminal for FM antenna, 75 ohms (some versions 2Xscrew, 300 ohms). The auxiliary antenna supplied can be connected to this terminal. Aim for optimum reception. For good stereo reception use of an FM outdoor antenna is recommended. Some versions also have two screws for SW antenna and earth connection.

- (G) mains lead. Do not connect the unit to the mains without having checked whether the voltage on the type plate corresponds with the local mains voltage. If it does not, consult your dealer. *The type plate is on the rear of the unit.*
- (H) PHONO SUPPLY socket (not on all versions), for connecting a record player without its own power supply section.
- (I) Voltage selector (not on all versions). If your version has this selector, check that the setting corresponds with the local mains voltage.

CONTROLS, Fig. 1

- (1) POWER ON/OFF switch.
To disconnect the set from the mains completely, withdraw the mains plug from the wall socket.
- (2) tone controls
- (3) REMOTE SENSOR, receives the infra red signals from the remote control unit.
- (4) STAND BY indicator, flashes when using a remote control.
- (5) display, shows:
 - The sound sources: CASS, Add or Cd.
 - in TUNER mode:
 - a frequency in kHz or MHz and the selected wavebands FM, MW (medium wave, some versions AM) and SW or LW (short wave or long wave, however not available in all versions).
 - STEREO, to indicate when an FM stereo transmitter has been received,
 - The preset station number,
 - PROGR to indicate that the frequency can be programmed.
- (6) BAND selector button.
- (7) PRESET DOWN, for tuning to preset stations.
- (8) PRESET UP, for tuning to preset stations.
- (9) TUNING UP, for tuning to higher frequencies.
- (10) TUNING DOWN, for tuning to lower frequencies.
- (11) MONO button: to reduce stereo interference caused by weak stereo reception.
- (12) PROGR button, to program preset transmitters.
- (13) VOLUME control.
- (14) DYNAMIC BASS BOOST button with indicator, for extra bass tones.
- (15) CD.TV button, for a compact disc player, or a TV connected to the CD.TV IN terminals (B).
- (16) PHONO button, for the record player.
- (17) PHONES, for connecting stereo headphones. The loudspeakers are then switched off.
- (18) PAUSE button.
- (19) WIND button.
- (20) REW button.
- (21) PLAY button.
- (22) STOP/EJECT.
- (23) RECORD button (deck I).
- (24) TUNER button.
- (25) TAPE button.
- (26) HIGH SPEED DUBBING selector with indicator.

Record player, Fig. 3

- ▲ adaptor disc for 45 rpm records.
- ▲ transit protection screws.
- ▲ lever to raise or lower the record player arm.
- ▲ 33-45 selector for selecting the appropriate rpm.
- ▲ fixing clamp for the record player arm

Remote control unit, Fig. 10

- 1 STAND BY button.
- 2 VOLUME UP/DOWN buttons.
- 3 SKIP NEXT/PREV, for selecting preset stations and operating a CD player.
- 4 DISC UP/DOWN buttons, for selecting the discs in a CD autochanger.
- 5 STOP button, for a CD player.
- 6 PLAY/PAUSE button, for a CD player.
- 7 CD button, for selecting a compact disc player.
- 8 CASS button, for selecting the cassette decks.
- 9 TUNER button, for selecting the tuner.
- 10 PHONO button, for selecting the record player.
- 11 SEARCH UP/DOWN tuning buttons.
- 12 BAND, for selecting the wave range of the tuner.
- 13 SHUFFLE, for CD.
- 14 SCAN, for scanning preset stations (not on all sets) and for scanning CD tracks.
- 15 REPEAT, for CD.
- 16 PROG, for programming preset stations and CD tracks.

USING THE REMOTE CONTROL UNIT

- Before using the remote control unit, always press the desired selection button [7] CD, [8] TAPE, [9] TUNER or [10] PHONO, to set the remote control unit in the relevant mode. The unit will stay in that mode, **until** an **other** function selection button is pressed.
- Connect the socket RC OUT ⑥ (Fig. 2) to the REMOTE IN or RC5 IN socket of your Compact Disc player. An optionally available cable SBC 1103 or 4822 321 21204 can be used for this purpose.

AMPLIFIER

- Switch on with POWER ①.
- Press in the relevant function button, e.g. TUNER ⑨, TAPE ⑧, PHONO ⑩ or CD.TV ⑮.
- Press VOLUME ⑬ to the desired sound level, or use the remote control unit.
- Adjust the tone using the controls ② and/or DYNAMIC BASS BOOST button ⑭.

TUNER

Note: Some versions of this unit are fitted with a grid selector ⑥ at the rear, which selects (with the POWER switched off) the size of the frequency step between adjacent channels in the MW band. In North and South America it should be set to 10 kHz.

In all other parts of the world to 9 kHz. If your unit has no such a selector, then it has been preset in the factory for correct operation in your area.

Tuning

- Press TUNER button ⑨.
- Select the tuning range with button ⑥.
- Tune to the desired transmitter:
 - Press button ⑨ UP or ⑩ DOWN for more than 0.5 seconds. Then release this button. The frequency on the display now changes continuously until a transmitter of sufficient strength has been found. Repeat this procedure, if it is not the station of your choice.
 - To tune to weak stations briefly press UP or DOWN as often as is necessary for optimum reception, or until you read the correct frequency.
 - If there is interference noise during FM stereo reception, set button ⑪ to the MONO position.

PRESET TRANSMITTERS

Twenty preset transmitters can be programmed. When tuning to a programmed transmitter, the memory location (0 to 19) is indicated in the display.

Programming

- Press PROGR ⑫. Display ⑤ indicates PROGR.
- Tune to the frequency of the transmitter to be programmed as described before under TUNING.
- Select a memory location number (0 up to 19) with the buttons PRESET DOWN ⑦ or PRESET UP ⑧.
- Press button PROGR ⑫. The frequency is now entered in the memory.

Tuning to preset transmitters

- Press TUNER button ⑨.
- Select the memory location number (0 up to 19) of the desired transmitter with the buttons PRESET DOWN ⑦, PRESET UP ⑧, or the SKIP NEXT/PREV buttons 3 of the remote control unit.

RECORD PLAYER (not on all versions)

- Press PHONO button ⑩.
- Place a record on the turntable. For records with a large centre hole, use the adapter ④.
- Remove the stylus protector by pulling it forwards.
- Use selector ③ to select the appropriate speed.
- Make sure that the arm is not fixed with clip ④.
- Move lever ⑤ to the Ⅱ position.
- Move the tone arm inwards. This starts the record player. Position the arm above the desired track.
- Move the lever ⑤ carefully to the Ⅲ position. The record starts to play.
- The record can be interrupted by moving lever ⑤ to the Ⅱ position. To continue, move lever ⑤ to the Ⅲ 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 ⑤ to the Ⅱ position and then move the player arm outwards. When you reach the support, the turntable will stop.
- Set lever ⑤ to the Ⅲ 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.

CASSETTE DECKS

Recording (deck I only)

- 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.

For the U.K. only: Recording and Playback of material may require consent. See Copyright Act 1956 and The Performer's Protection Acts 1958 to 1972.

Prepare the set for recording as follows:

- Select the sound source with one of the buttons TUNER ⑭, PHONO ⑩ or CD.TV ⑮.
- Open the cassette compartment of deck I with the STOP/EJECT button ⑳ and place the cassette in the compartment, with the open side downwards and the full spool on the left (see Fig. 4).
- Do not use cassettes with tabs removed (Fig. 5) for making a recording. They prevent the RECORD button ㉑ from functioning properly.
- Press the PAUSE button ⑰ of deck I.
- Press the RECORD button ㉑.
- Release PAUSE button ⑰ to start recording.
- For short pauses press PAUSE ⑰ of deck I. Press PAUSE again to resume recording.
- Press STOP/EJECT of deck I to stop recording.

Playback

- Press the TAPE button ㉓.
- Playback is possible with both decks I or II. If **both** PLAY buttons are pressed simultaneously, deck II has priority.
- Press STOP/EJECT button ㉒ to open the cassette compartment. Place a recorded cassette in the compartment, open side downwards and full spool on the left (see Fig. 4).
- Press the PLAY button ㉔.
- For short pauses press the PAUSE button ⑰. To resume playback, press the PAUSE button again.
- Press STOP/EJECT ㉒ to stop playback.

Continuous playback

- Press the TAPE button ㉓.
- Open both cassette compartments with the STOP/EJECT buttons ㉒ and place a recorded cassette in each compartment (Fig. 4).
- Press PLAY button ㉔ of deck II.
- Press PAUSE button ⑰ of deck I.
- Press PLAY button ㉔ of deck I.
- At the end of the cassette in deck II (or when STOP/EJECT of deck II is pressed), deck I will start playing back.

Dubbing - Copying from deck II to deck I

- Press the TAPE button ㉓.
- Select the dubbing speed using the HIGH SPEED DUBBING button ㉕. 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 (fig. 4).
- Press PAUSE button ⑰ of deck I.
- Press the RECORD button ㉑.
- Press PLAY ㉔ of deck II to start dubbing.
- To omit undesired passages, press PAUSE ⑰ of deck I; deck II will continue to play. To restart copying, press PAUSE of deck I once more. Using the PAUSE button of deck II, deck I will record a blank part.
- Press both STOP/EJECT buttons to stop dubbing.

Important: During dubbing the buttons TUNER ⑭, PHONO ⑩ or CD.TV ⑮ should **not** be pressed.

Fast winding

- Press the WIND button ⑱ or the REW button ㉑ for fast winding in both directions.
- To stop fast winding, press STOP button ㉒.

End of the cassette

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

Tape recording

- The tape in the cassette is secured at both ends with leader tape. At the beginning of the cassette nothing will be recorded for 6 to 7 seconds!
- Accidental erasure can be prevented by breaking the small tab in the top left-hand corner on the back of the cassette (see Fig. 5). This protection can be reversed with a small piece of adhesive tape.
- Store the cassettes at room temperature and do not put them too close to magnets and transformers of e.g. TVs and loudspeaker boxes.

Connection of loudspeakers

- Loudspeakers with a minimum of 8 ohms can be connected to the terminals (A) (see Fig. 2 and 6).
- 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 each loudspeaker.

Positioning the loudspeakers

The best position can be found by experimenting. Bass reproduction is amplified by placing the speakers on the floor. Placing loudspeakers behind curtains, etc. has an unfavourable effect on treble reproduction. Try to keep the arrangement as symmetrical as possible.

Record player maintenance

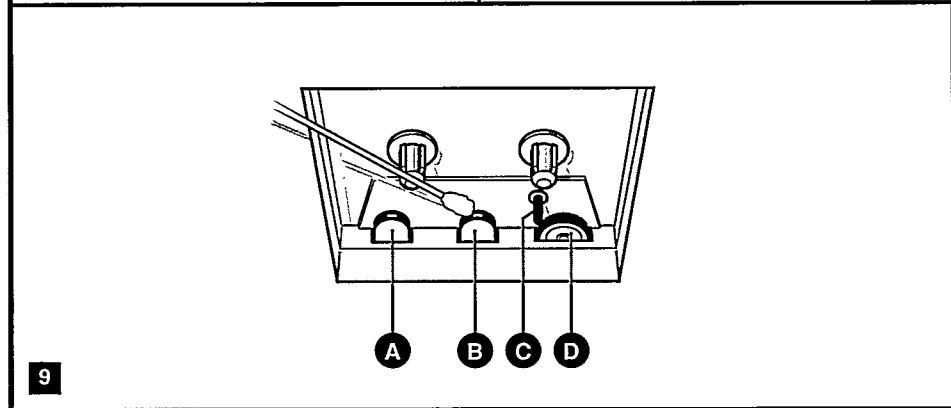
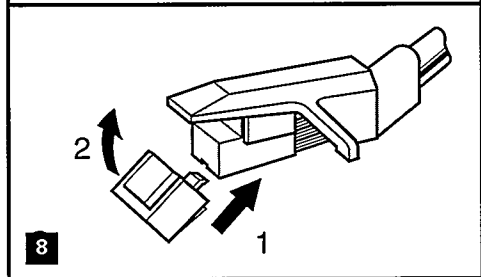
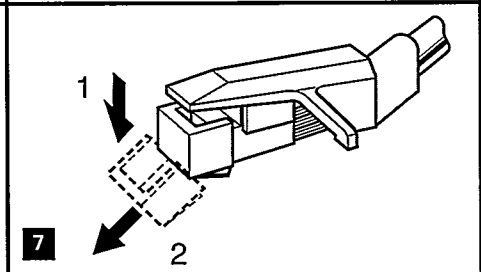
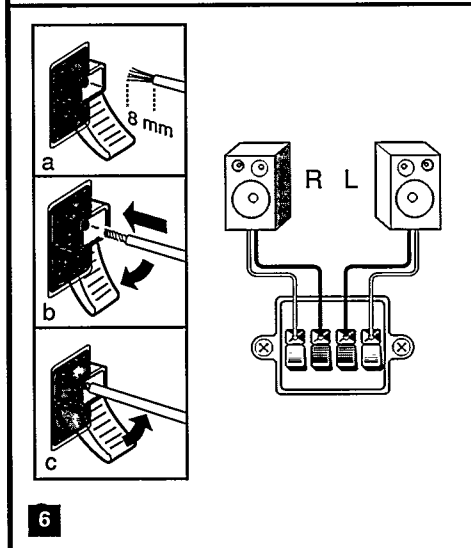
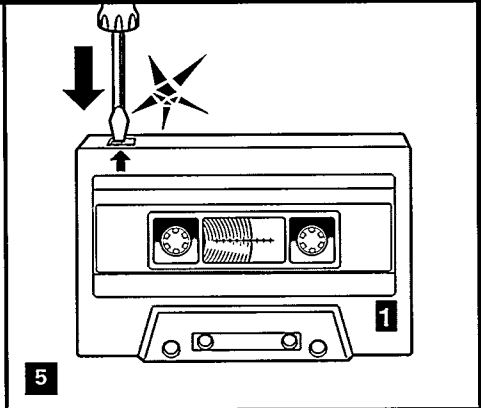
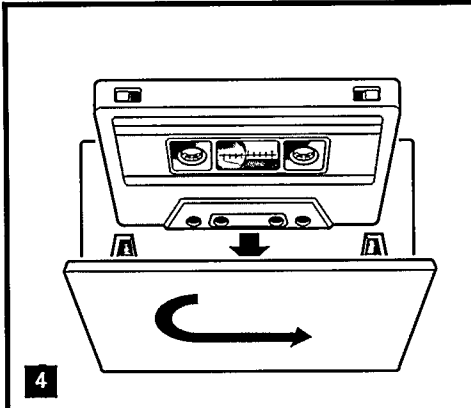
Because self-lubricating bearings are used, the record player requires no maintenance.

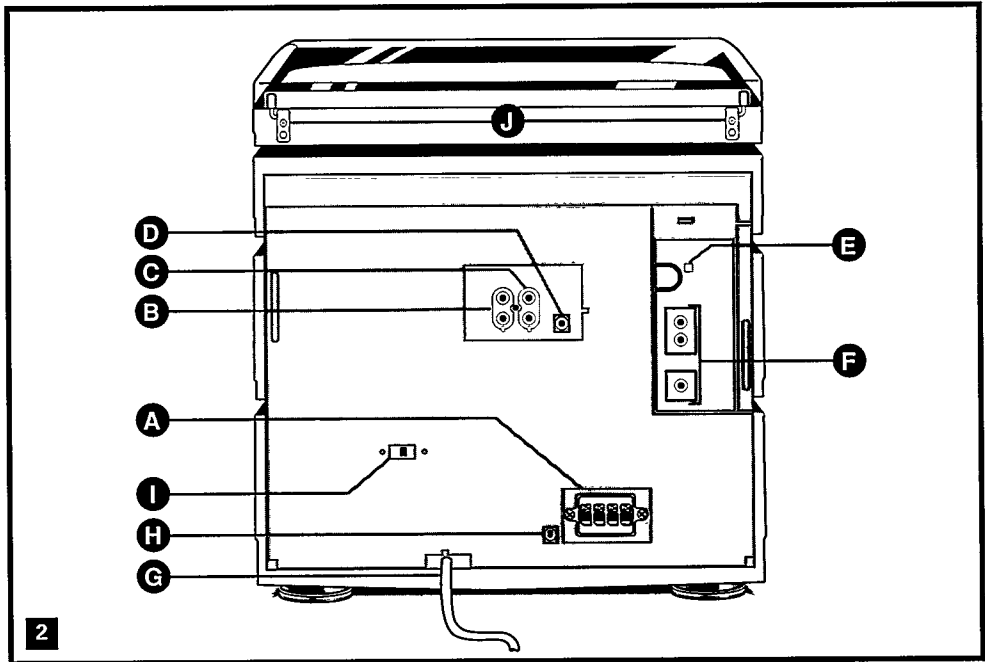
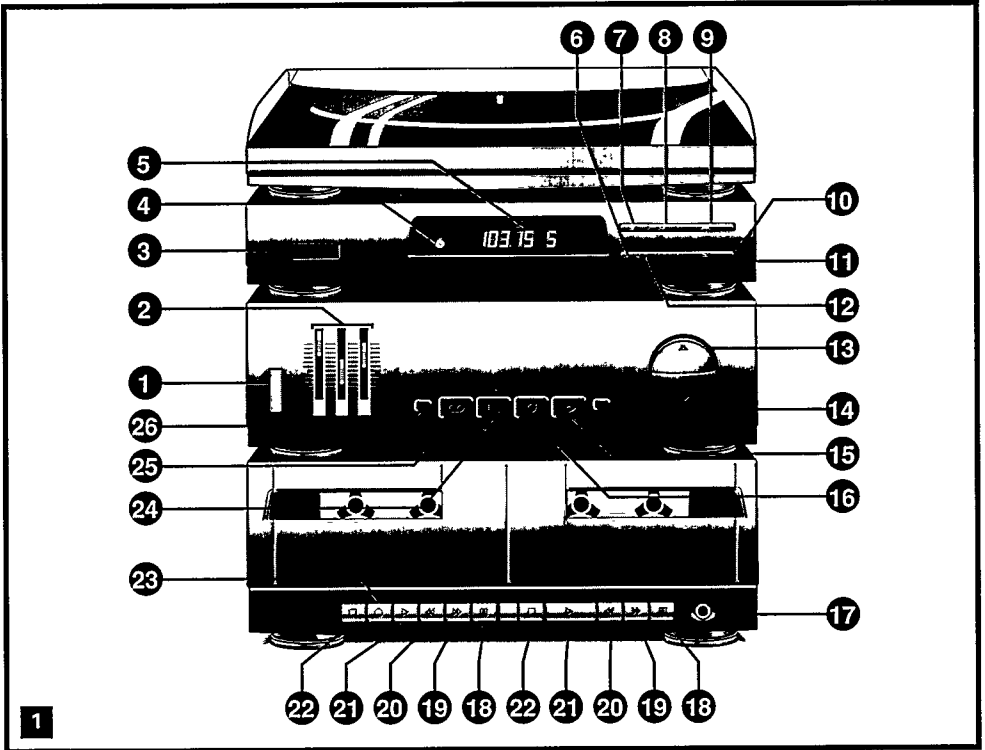
- The stylus unit can be removed in one piece and replaced (see Figs. 7 and 8). Carefully press the front edge of the stylus unit downwards until it comes loose. Mount a new stylus unit by first sliding the rear part of the stylus unit into place. Then push the foremost part upward until you can feel and hear the stylus click into place.
- The dust cover is fitted with frictional hinges. It can be set to almost any position. If this is not the case, carefully tighten the screws (J), Fig. 2. The hinges must **not** be lubricated!

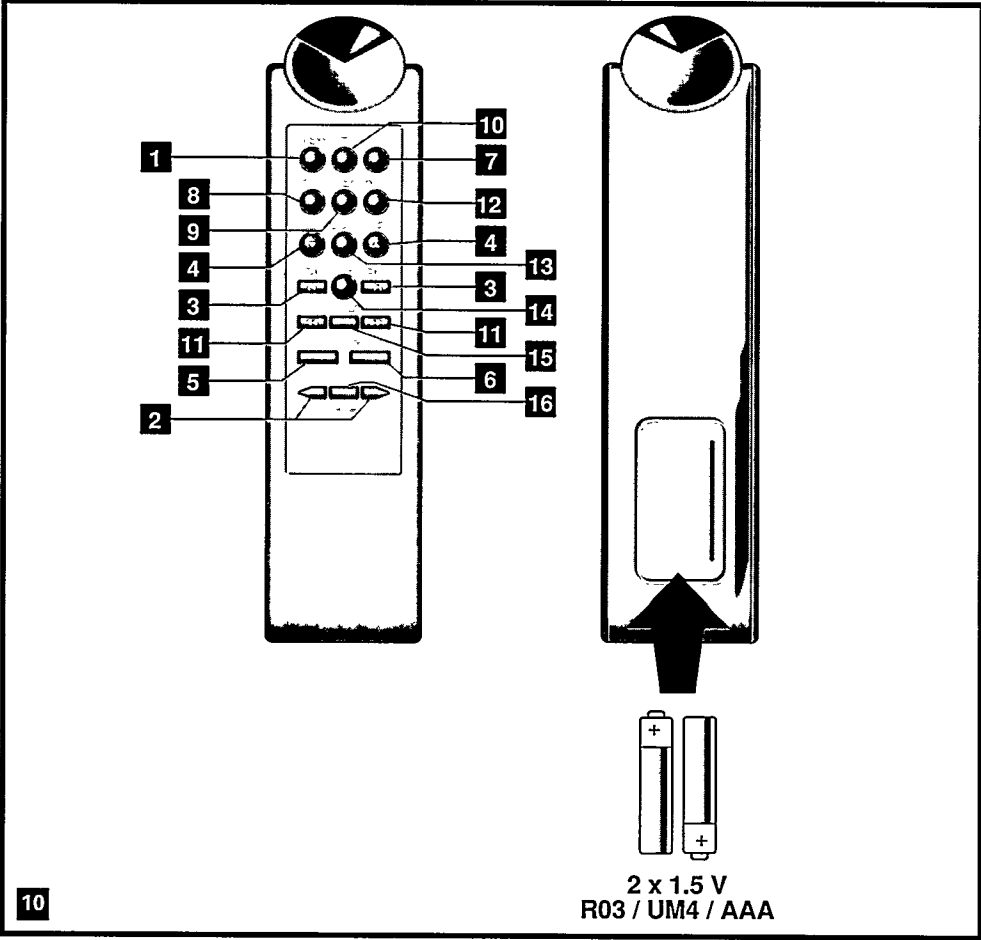
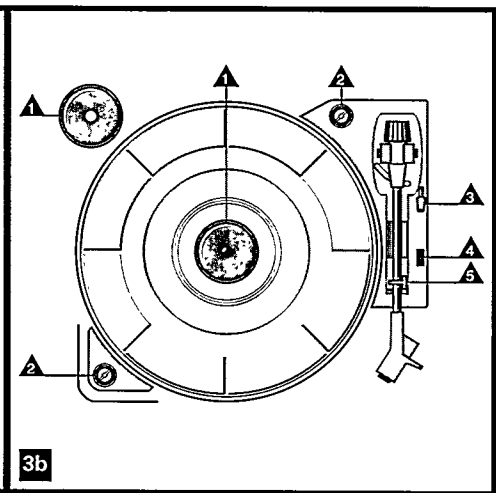
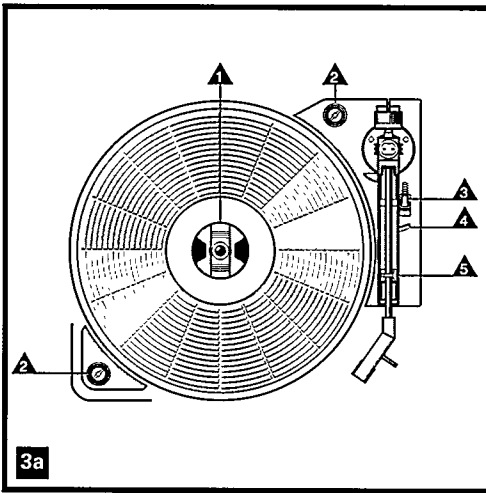
Recorder maintenance

To ensure a good recording and playback quality, clean the heads (A) and (B), capstan (C) and pressure roller (D) after approx every 15 hours of operation (see Fig. 9). You can use a cleaning cassette or a piece of cotton wool dipped in alcohol. Make sure that the unit is not connected to the mains. The mechanism must **not** be lubricated!

This unit complies with the radio interference requirements as laid down in EC (European Community) regulations.







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

GARANTÍA 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 este 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

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Av. Coyoacán No. 1051, Col. Coyoacán
03100 MÉXICO, D.F.

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This sign on the packaging
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Dieses Zeichen auf der Verpackung
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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

Dette mærke på indpakningen
gælder kun for Tyskland

Detta merke på emballaget
endast avsett for Tyskland

Tämä pakkauskassa oleva merkintä on
tarkoitettu ainoastaan saksaa varten