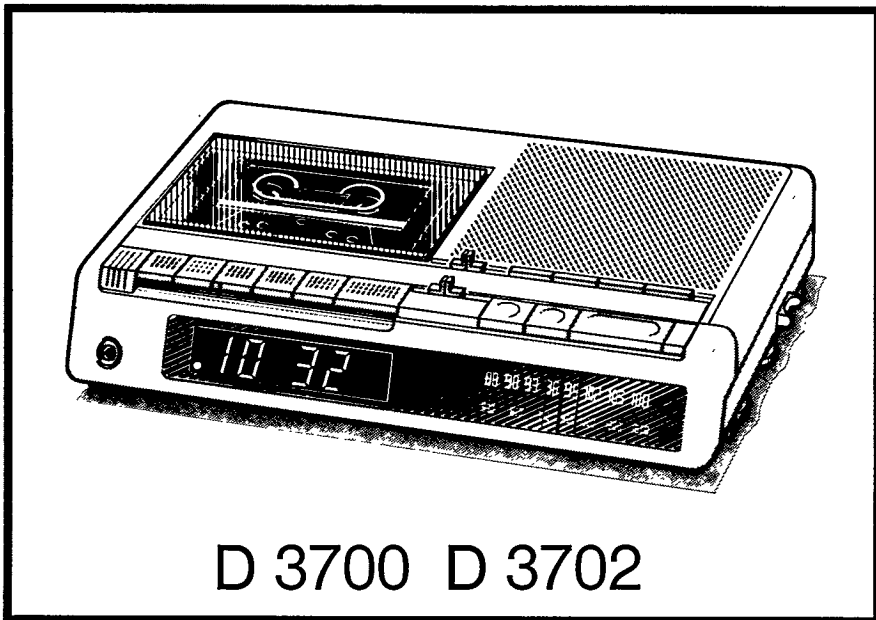




CONSUMER ELECTRONICS

PHILIPS



- | | |
|-----------|---------------------------------|
| GB | Clock Radio Cassette Recorder |
| F | Radio réveil/cassette |
| D | Radio-Wecker/Cassetten-Recorder |
| NL | Klokradio/cassetterecorder |
| E | Radioreloj/casete |
| I | Radio a sveglia/registratore |
| S | Klockradio/kassettspelaren |
| SF | Kelloradionauhuri |

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English



CONTROLS - Fig. 1

- ① mode selector
 - ② buttons for time setting:
TIME SET + MINUTES/HOURS for the time-of-day
ALARM SET + MINUTES/HOURS for the alarm time
ALARM SET for checking the preset alarm time
 - ③ mains-breakdown 9 V battery compartment
 - ④ display brightness selector
 - ⑤ built-in microphone
 - ⑥ Ⓜ headphone socket, also suited as output socket
 - ⑦ cassette recorder keyboard:
 - RECORD button
 - ▶ PLAY button
 - ◀◀ REWIND - fast rewind button
 - ▶▶ F.FWD - fast forward wind button
 - STOP and EJECT button
 - || PAUSE button
 - ⑧ clock display with 'alarm on' indicator
 - ⑨ ALARM selector
 - ⑩ ALARM OFF for one day
 - ⑪ SLUMBER ON and slumber time setting
 - ⑫ ALARM REPEAT (9 min) and SLUMBER OFF
 - ⑬ VOLUME control
 - ⑭ tuning knob
 - ⑮ band selector
- The type plate is located on the base of the set*

POWER SUPPLY

Check that the mains voltage (220 or 240 V) and frequency (50 Hz) indicated on the type plate on the base of the set, corresponds to your local mains supply. If it does not, consult your dealer.

After that, insert the mains plug into the wall socket. The set is now energised and the display digits light up.

On the first connection of the set to the mains (and also whenever the mains supply is interrupted, but only if the 9 V MB-buffer battery is absent or empty), the display digits will blink, showing that the time setting has to be (re-)adjusted. As soon as the time setting has been adjusted, all digits will light up continuously.

To disconnect the set from the mains completely, pull the mains plug out of the wall socket.

Important note for users in U.K.:

When fitting a mains plug to the mains lead proceed as follows: The wires in the mains lead are coloured in accordance with the following code. Blue = Neutral, Brown = Live.

These colours may not correspond with the colour markings identifying the terminals in your plug, so 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. No connection is necessary to the earth terminal.

Note: This apparatus must be protected by a 3 Amp Fuse if a 13 Amp plug is used or, if any other type of plug is used, by a 5 Amp Fuse either in the plug or adapter or at the distribution board. If in doubt consult a qualified electrician.

MB buffer - Mains-Breakdown buffer

Insert a 9 V battery into battery compartment ③ (fig. 2). Inserting the battery must be done **after** the set has been connected to the mains, in order to prevent the battery from being under load.

Now, in case of mains breakdown, the clock will run on

this battery. However, the radio, the recorder and the clock display will not operate. When the mains breakdown is over, the display will show the correct time again and there is no need to re-adjust the clock settings.

If the set is not to be used for an extended period it is recommended to take out the battery. This avoids damage due to battery leakage.

If the set is always connected to the mains, replace the 9 V battery after about 1 year. Battery replacement is also recommended if significant power interruption has occurred at any time. More detailed information cannot be given since the probability of mains supply interruption differs from one country to another.

MODE SELECTOR ①

● Position RADIO for:

- radio reception;
- recording from the radio.

● Position TAPE (cassette) for:

- cassette playback;
- recording from the built-in microphone ⑤ (set the VOLUME control ⑬ to zero).

● Position OFF:

- using the ALARM selector ⑨, the ALARM and SLUMBER functions may now be chosen, see 'ALARM selector';
- if the ALARM selector ⑨ also is in position OFF, the set is completely switched off.

RADIO RECEPTION

● Set mode selector ① to RADIO.

● Select the wave range using band selector ⑮.

● Adjust the volume using VOLUME control ⑬. You may connect a headphone with $\varnothing 3.5$ mm plug to socket ⑥. The loudspeaker is then switched off. This socket can also be used as output socket for reproduction through an amplifier, recorder etc. The level of the output signal depends on the position of VOLUME control ⑬.

● Tune to a radio station using tuning knob ⑭.

(LW not on all versions.)

- For FM-reception, the set is provided with a wire-aerial at the back. Unroll this aerial and aim it in order to obtain optimum reception.

- For AM/MW and LW reception (Medium or Long Wave), the set is provided with a built-in ferrite aerial.

This aerial can be directed by turning the whole set.

● To switch off the radio, set mode selector ① to OFF.

CASSETTE RECORDER

Copyright

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

For U.K. only

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

Compact cassettes

- For **recording**, always use NORMAL or FERRO cassettes (ferric oxide, IEC type I).
- For **playback**, any cassette type can be inserted.
- To protect a recording e.g. on side 1 of the cassette, break out the tab as shown in fig. 4. Now, recording on side 1 is no longer possible. You can render this safeguard ineffective by covering the aperture now existing with a piece of adhesive tape.

Fast forward winding and rewinding

Press the fast forward F.FWD ►► or REWIND ◄◄ button. Press STOP ■ to stop fast winding and also when the tape in the cassette has reached its end.

RECORDING

- Set mode selector ① to position: **RADIO** for a radio recording; **TAPE** for recording from the built-in microphone ⑤ (set the VOLUME control ⑬ to zero).
- Press EJECT ■ to open the cassette holder.
- Insert the cassette (fig. 3). Note that for recording you must use a cassette on which the tabs on the back (fig. 4) **are not broken out**.
- Start recording by pressing the buttons RECORD ● and PLAY ► at the same time.
- When monitoring during recording, adjust the volume with VOLUME control ⑬. Monitoring during microphone recordings is not possible (set VOLUME control ⑬ to zero).
- For brief interruptions, press PAUSE button II. To restart recording, press this button once more.
- To stop recording, press STOP button ■.
- When reaching the end of the tape during recording, the buttons RECORD ● and PLAY ► will automatically be disengaged.

CASSETTE PLAYBACK

- Set mode selector ① to **TAPE**.
- Press EJECT ■ and insert a recorded cassette (fig. 3).
- Press PLAY ► and playback will start.
- Adjust the volume using VOLUME control ⑬. You may connect a headphone with Ø3.5 mm plug to socket ⑦ ⑥. The loudspeaker is then switched off. This socket can also be used as output socket for reproduction through an amplifier, recorder etc. The level of the output signal depends on the position of VOLUME control ⑬.
- To stop playback, press STOP ■.
- When reaching the end of the tape during playback, PLAY-button ► will automatically be disengaged.

CLOCK

Clock Display ⑧

- The 24-hours clock indicates the time on display ⑧.
- The display will show the 'alarm on' indicator if ALARM selector ③ is in position RADIO, BUZZER or TAPE.
- The brightness of the display can be adjusted with selector ④.
- If the display digits are blinking (see 'POWER SUPPLY'), the time settings should be re-adjusted. As soon as this has been done, the digits will light up continuously.

Appliances provided with a 12-hour clock system have a PM-indicator on clock display ⑧. When the PM-indicator does not light up, the time given on the clock is AM time; this is applicable for both time-of-day and alarm time.

Setting the time-of-day

Set the time-of-day using the buttons ②; keep the TIME SET button pressed and adjust the hours by pressing the HOURS button and the minutes by pressing the MINUTES button.

ALARM

Setting the alarm time

- Set the alarm time using the buttons ②; keep the ALARM SET button pressed and adjust the hours by pressing the HOURS button and the minutes by pressing the MINUTES button.
- You can check the pre-set alarm time by keeping pressed the ALARM SET button for a moment.

Switching on the alarm mode

Select the desired alarm mode by using ALARM selector ③. The alarm mode is now switched on and the 'alarm on' indicator on clock display ⑧ will light up.

Important:

1. The mode selector ① must be in position OFF.
2. Ensure that the headphone socket ⑦ ⑥ is free, otherwise the loudspeaker is switched off.

ALARM selector ③

- **Position OFF:**
for switching completely off the ALARM function. The 'alarm on' indicator on clock display ⑧ will then go out.
- **Position RADIO for:**
 1. Wake by the radio: set mode selector ① to **RADIO**, tune to the desired radio station, adjust the VOLUME control ⑬ and set mode selector ① to **OFF**.
 2. Starting a radio recording during absence: set mode selector ① to **OFF**, set the alarm time to the time at which the radio programme starts, insert a cassette, press RECORD button ● and, if nobody needs to hear the programme during recording, set VOLUME control ⑬ to zero.
- **Position BUZZER:**
for wake by the buzzer and the radio (the buzzer sounds like a beep). If VOLUME control ⑬ has been set to zero, only the buzzer will be heard.
Set mode selector ① to **OFF**.

Note: If the BUZZER alarm is needed *during normal use* (i.e. when mode selector ① is in position RADIO or TAPE), set the alarm time to the desired point of time and set ALARM selector ③ to BUZZER.

- **Position TAPE:**

for wake by cassette reproduction: set mode selector ① to **OFF**, insert a cassette, press PLAY button ► and adjust the VOLUME control ⑬. At the end of the cassette, the buzzer automatically takes over the alarm function.

Switching off the alarm

The alarm can be switched off in three ways:

1. Temporarily switched off by pressing the ALARM REPEAT button (12). The alarm will be repeated every 9 minutes. It can be switched off again and again. After one hour and 59 minutes it is switched off automatically until next day when the alarm time is reached.
2. For one day switched off by pressing the ALARM OFF button (10). The alarm will sound again next day when the alarm time is reached.
3. Completely switched off by setting ALARM selector (3) to OFF. The 'alarm on' indicator on clock display (8) goes out.

Note: If the cassette recorder has been stopped in this way, disengage the pressed buttons as soon as you are able to do so by pressing STOP ■.

SLUMBER

You can use the slumber function if you are going to sleep and you want to listen to the radio or the recorder for a while (or continue a radio recording for a while). The set will remain switched on during the pre-set slumber time and, when this time has expired, the set will be switched off automatically.

- The mode selector (1) must be in position OFF.
 - Press SLUMBER ON button (3). The slumber function and the set is now switched on.
 - To set the desired slumber time, keep the buttons SLUMBER ON (1) and MINUTES (2) pressed: the display (4) will only show minutes, counting down from 59 to 00 minutes. Release the buttons as soon as the desired digits are reached, e.g. 30 for 30 minutes slumber time. If the HOURS button is pressed instead of the MINUTES button, the slumber time will be 1 59 (one hour and 59 minutes!). To return to 59 in this case, press SLUMBER ON button (1) again.
 - Select the desired SLUMBER mode:
 1. **Slumber by the radio:**
Set ALARM selector (3) to RADIO or BUZZER.
 2. **Slumber by cassette playback:**
Set ALARM selector (3) to TAPE, insert a cassette and press PLAY ▶.
 3. **Continuing a radio recording during absence:**
Set ALARM selector (3) to RADIO or BUZZER, insert a cassette and press RECORD ●.
 - When the pre-set slumber time has expired, the set is automatically switched off.
 - If you want to switch off the set *before* the slumber time has elapsed, press SLUMBER OFF button (12).
 - When the SLUMBER function has been switched off (automatically or by pressing SLUMBER OFF (12)), the ALARM function (RADIO, BUZZER or TAPE) remains activated and the alarm will go off next morning as soon as the pre-set alarm time is reached. If the cassette has reached its end (position TAPE), the BUZZER will automatically take over the alarm function.
- Note:** If the cassette recorder has been stopped with the SLUMBER function, disengage the pressed buttons as soon as you are able to do so by pressing STOP ■.
- In most cases the SLUMBER level will be lower than the wake volume. So see to it that the wake volume is adjusted sufficiently high using VOLUME control (13).

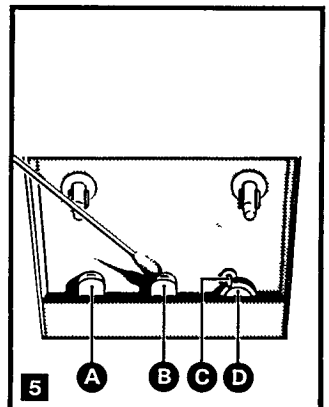
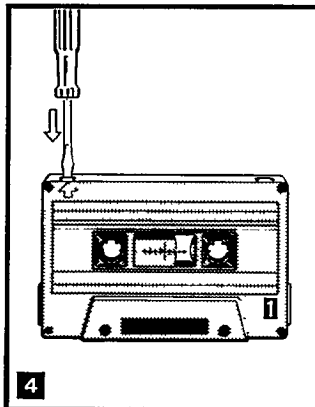
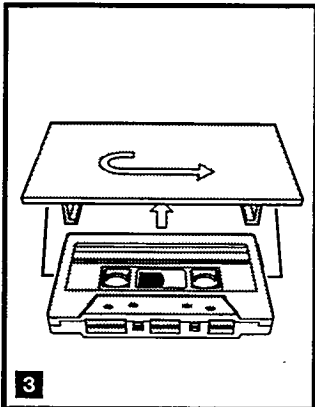
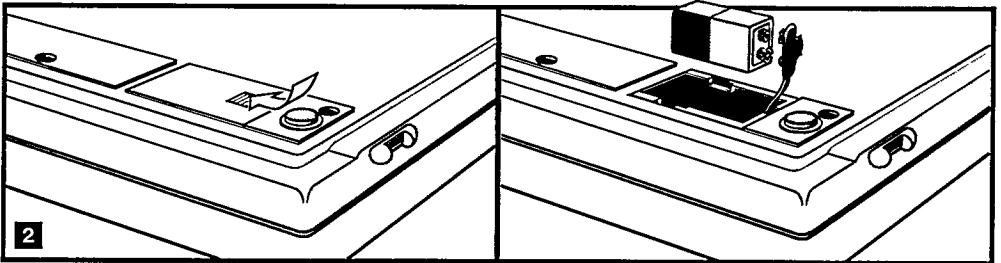
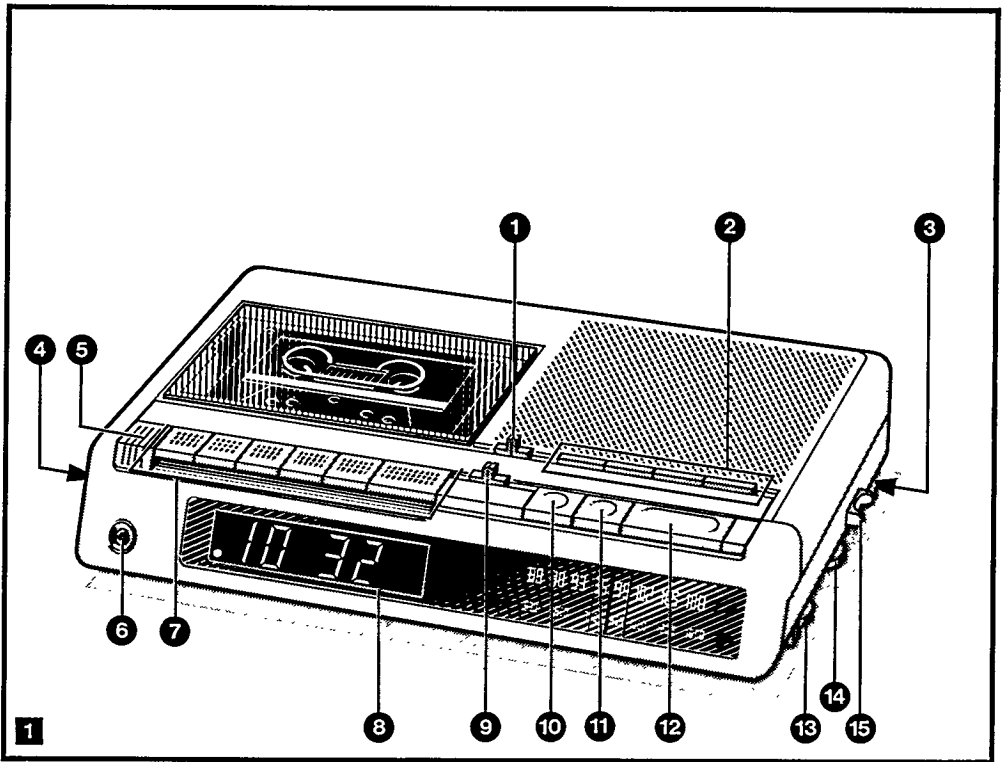
Note: Choose position BUZZER for slumber with the radio and wake by radio + buzzer.

- To switch off completely the ALARM function, set ALARM selector (3) to OFF. The 'alarm on' indicator on clock display (8) goes out.

MAINTENANCE

- Clean the parts indicated in fig. 5 after every 50 hours of operation or, on average, once a month.
 - Open the cassette holder by pressing EJECT ■.
 - Use a cotton bud slightly moistened with alcohol or a special head cleaning fluid.
 - Press PLAY ▶ and clean the rubber pressure roller (6) (fig. 5).
 - Then press PAUSE II and clean the capstan (7), recording/playback head (8) and erase head (A).
 - After cleaning, press STOP ■.
- Cleaning of the heads (8) and (A) can also be done by playing the cleaning cassette SBC 114 through once as an ordinary cassette.
- The recorder mechanism is fitted with self-lubricating bearings and therefore must not be oiled or greased.
 - Fingerprints, dust and dirt on the apparatus can be removed using a soft, clean and slightly damp leather cloth. Do not use any cleaning agents which contain abrasives or solvents such as benzine thinner, alcohol, refined petrol or ammonia, since they may affect and harm the cabinet.
 - Do not expose the set, battery or cassettes to rain or moisture, or, for any great length of time, to excessive heat from heating equipment or direct sunshine.
 - Keep the set and the cassettes away from sand and do not store the cassettes too close to magnets, loudspeakers or transformers.

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



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