

TANDBERG®

TCD 3034 Cassette Deck

Operating Instructions

E ENGLISH

Notice d'Utilisation

F FRANCAIS

Bedienungsanleitung

D DEUTSCH

Gebruiksaanwijzing

NL NEDERLANDS

Bruksanvisning

N NORSK

Bruksanvisning

S SVENSK



TANDBERG® — The European Alternative

E**For your safety!**

To prevent electrical shock or fire, do not expose electronic products to rain or moisture and do not remove covers (or back). If anything fails, leave the repairs to a qualified technician.

Pull out the power plug during thunderstorms and when you are away for a long time (e.g. holidays, etc.).

F**Pour votre sécurité!**

Pour éviter les électriques ou le feu, ne laissez pas les matériels électroniques exposés à la pluie ni à l'humidité et n'enlevez pas le couvercle (ni le panneau arrière). En cas de panne, faites réparer par un technicien qualifié.

Débranchez la prise secteur en cas d'orage et quand vous vous absentez pour longtemps (vacances etc.).

D**Zu Ihrer Sicherheit!**

Zu Ihrer persönlichen Sicherheit und der Vermeidung von Brandgefahr müssen elektronische Geräte vor Feuchtigkeit geschützt werden. Keinerlei Abdeckungen z.B. Rückwände und Bodenplatten selbst entfernen. Jegliche Eingriffe in das Gerät dürfen nur von einem qualifizierten Service-Techniker vorgenommen werden.

Netzstecker bei Gewitter, und bei längerer Abwesenheit (z.B. Urlaubsreisen u.s.w.) herausziehen.

NL**Voor Uw eigen veiligheid!**

Om elektrische schokken en brand te voorkomen, mogen elektrische apparaten niet in de regen of bij hoge vochtigheid worden gebruikt. Dekplaten om het apparaat mogen niet worden verwijderd. Laat alle service uitvoeren door een technicus.

Als U op vakantie gaat, of bij onweer, kunt U het beste de netstekker uit zijn contact trekken.

N**For Deres sikkerhet!**

For å unngå elektrisk støt eller brann må elektroniske apparater ikke utsettes for regn eller fuktighet. Apparatets deksler (kapsling) må ikke fjernes. Overlat enhver service til kvalifisert servicepersonell.

Dra ut nettplugg i tordenvær og ved lengre tids fravær (f.eks. ferier, etc.).

S**För Er egen säkerhet!**

För att förhindra elektrisk stöt eller eld — utsätt inte elektroniska apparater för regn eller fuktighet och avlägsna inte apparatens skydd. Försök inte att reparera själv uten kontakta en fackman.

Drag ut kontakt i åskväder och vid längre tids uppehåll (t.x. semester, etc.).

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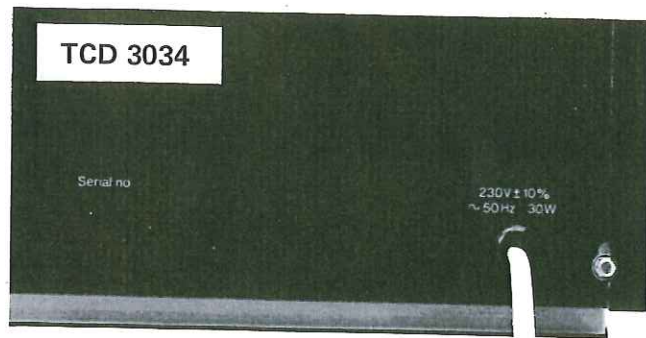
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Power requirements

Make sure that the tape deck is marked at the back with the correct voltage and frequency for your area.

Changing the voltage and/or frequency should be carried out by a competent service engineer.

The power consumption is 30 watts.



US : 115 V ± 10%, 60 Hz
EU : 230 V ± 10%, 50 Hz



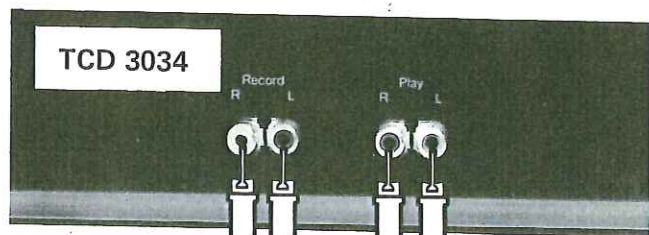
Connections

Connecting the TCD 3034 to a receiver/amplifier

For recording connect two phono leads* from the sockets marked Tape Rec./Tape Out/Output on the receiver/amplifier to the socket marked Record on the TCD 3034.

For playback connect two phono leads* from the sockets marked Tape Play on the TCD 3034 to the sockets marked Tape Play/Tape In/Input on the receiver/amplifier.

* If the receiver/amplifier is not fitted with phono sockets, you can use a special lead with phono/ DIN-plugs.



Tape Rec
Tape Out
Output

Tape Play
Tape In
Input

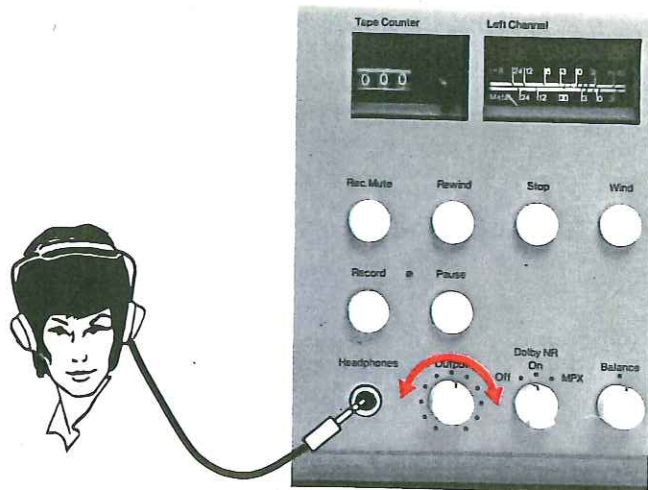
Headphones

Connect headphones to the jack marked Headphones.

Connection: ¼ inch stereo jack plug.

Impedance: 8 ohms or more.

Control the volume by means of the Output control.



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Power Off/On button

Switch on the deck by depressing the Power button.

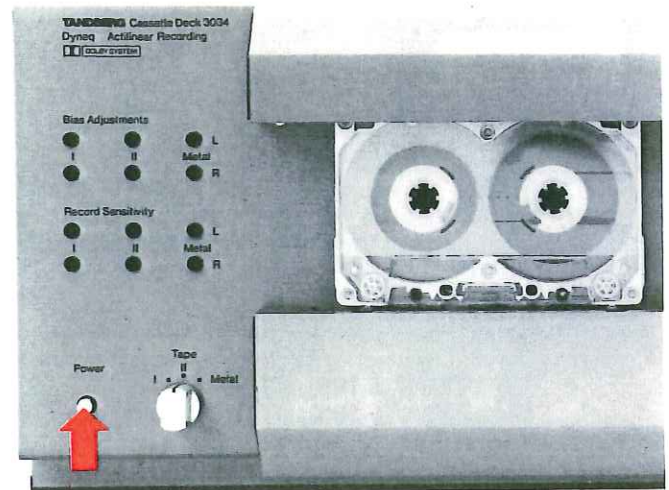
Tape selector

When a tape is loaded into the deck the Tape selector must be set to suit the tape. Make it a rule that these two operations are carried out together. The Tape selector provides the correct bias- and equalization for record and playback.

From the factory the TCD 3034 is adjusted for these cassette types:

- Group I: Maxell UD XL I
- Group II: Maxell UD XL II
- Metal: Maxell ME Metaxial

The TCD 3034 has external bias and sensitivity adjustments. If you want to adjust the TCD 3034 to suit a special tape, you can make the adjustments without dismantling the cabinet. To obtain the best results the adjustment should be carried out by a qualified technician using an audio signal generator and a high impedance voltmeter.



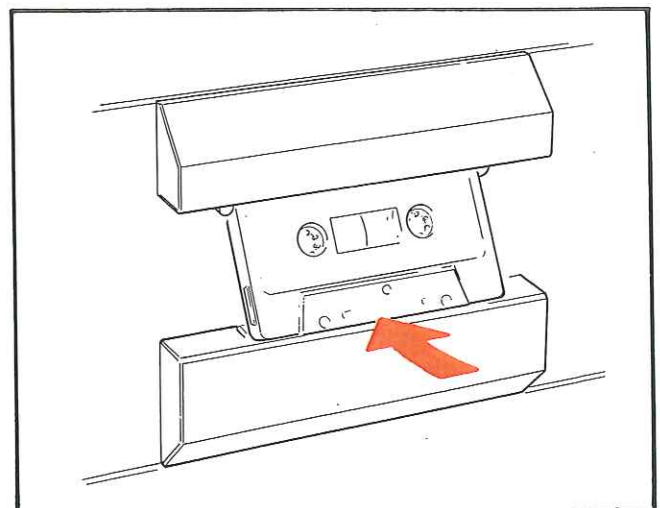
| | Tape |
|---|---|
| Maxell UD XL, Agfa Super Ferro, BASF Ferro Super LH I | A close-up of the Tape selector knob with a red arrow pointing to the 'I' position. |
| Maxell UD XL II, Agfa Super Chrome, BASF Chrome Dioxide Super | A close-up of the Tape selector knob with a red arrow pointing to the 'II' position. |
| Fuji Metal, TDK Metal MA (MA-R), Maxell ME Metaxial | A close-up of the Tape selector knob with a red arrow pointing to the 'Metal' position. |

Loading the cassette into the deck

- Hold cassette with tape edge down. The normal direction of tape movement is from left to right.
- Load the cassette into the tape path as shown in the figure.

Removing the cassette from the deck

- Press the Stop button and pull the cassette out of the tape path.



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Tape transport functions

Playback: Press Play.

Record: Press Pause button. The light diode starts flashing. If not, the cassette is protected against recording, see page 12. Press Record to start the tape.

Rewind: Press Rewind.

Wind: Press Wind.

Cue (monitoring the tape): Hold the Cue button down during wind or rewind.

Stop: Press Stop.

Muting the program in record while the tape is running: Hold the Rec. Mute button down. When the button is released, the recording will continue.

Pause: Press Pause button. The deck can be set directly from Pause to any other function.

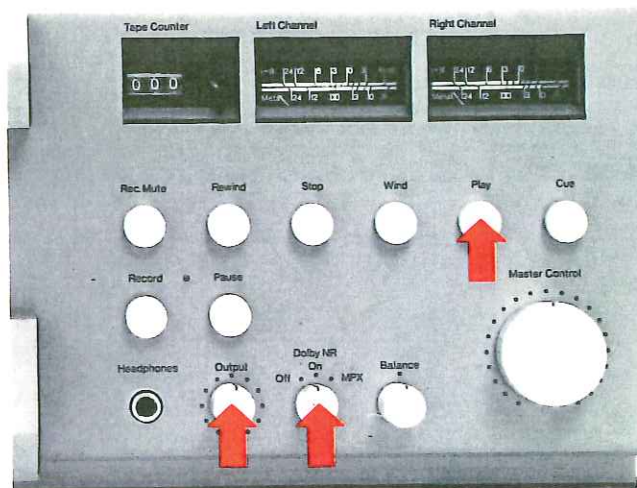
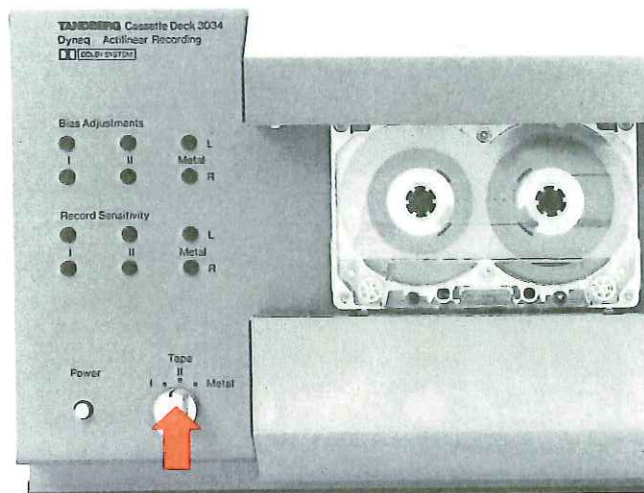
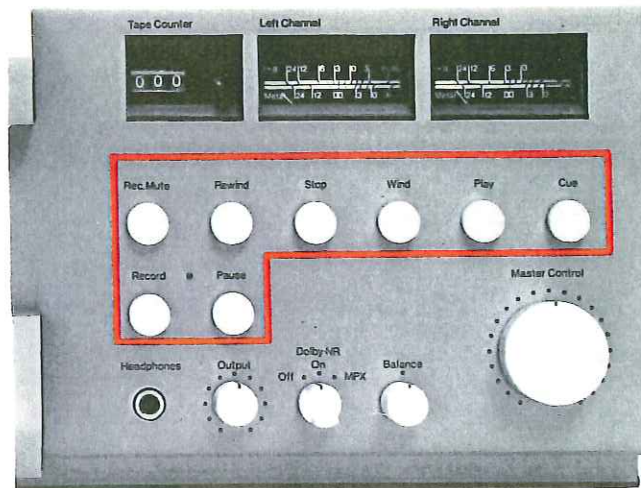
Preparation for playback

- If the tape was recorded with the Dolby* NR characteristic, set the Dolby NR selector to On. If not set the Dolby NR selector to Off.
- Set the Tape selector to correct position.

Playback

- Load the cassette into the deck.
- Adjust the playback level with the Output control. The program meters are not influenced by the Output control.
- Press Play button.

* "Dolby" and the double-D-symbol are trademarks of Dolby Laboratories Licensing Corporation. Noise reduction system manufactured under license from Dolby Laboratories Licensing Corporation.



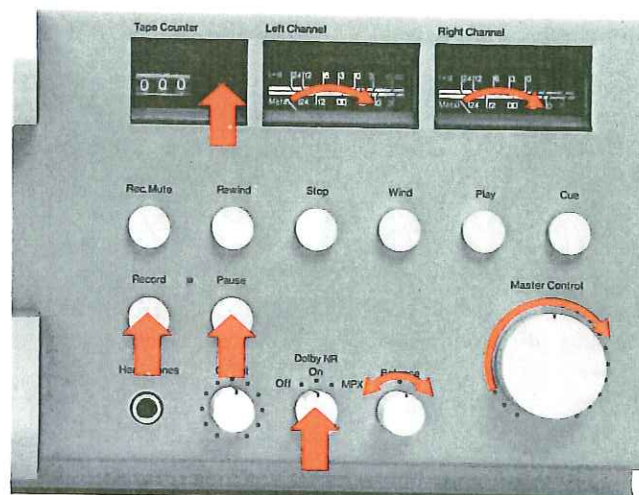
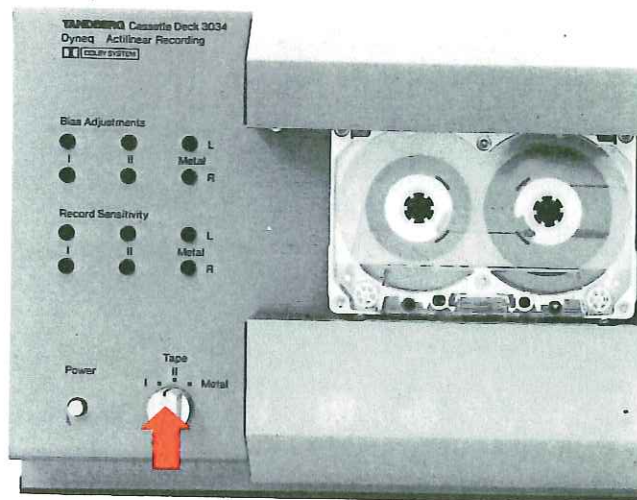
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Recording

- Set the Tape selector to correct position.
- Set the Dolby NR selector to correct position:
 - On: The Dolby NR system connected (normal position).
 - Off: The Dolby NR system not connected.
 - MPX: The Dolby NR system connected. To record a radio program from an FM receiver without an MPX filter.
- Load the cassette into the deck.
- Set the counter to zero.
- Press the Pause button.
- Alternately adjust the Master and Balance controls to obtain a deflection of 0 dB on the program meters.
- Press the Record button. The recording will start.
- Press the Stop button to end the recording.

Pauses during recording

When the Rec. Mute button is held down, the program is muted, but the tape is running. Stop the tape with the Pause button. To continue the recording press the Record button.

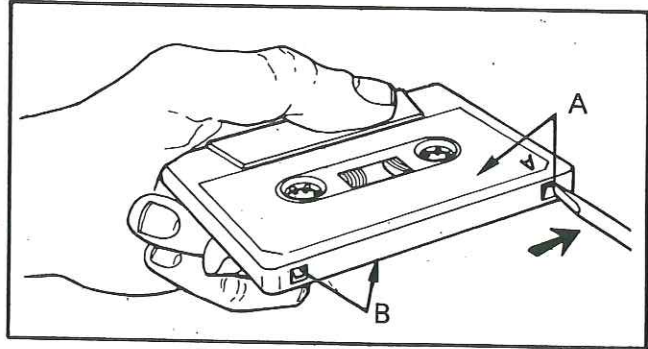


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Record protection device

If you have made a valuable recording it should be protected against accidental erasure by the following method:

On the back edge of a cassette you will see two square holes with a tab covering each hole. Take a small screwdriver or some tweezers and break off the tab that corresponds to the side you have recorded on (see figure). It will now be impossible to record on this side.



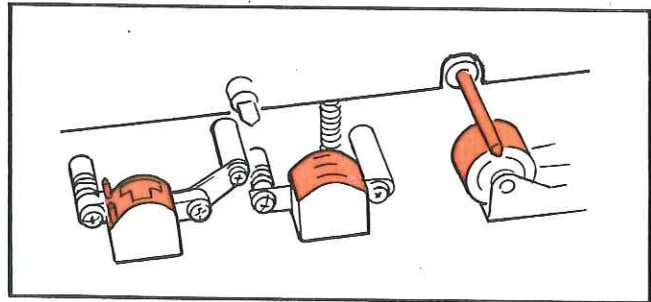
Cancel the protection by putting a piece of tape across the hole. Make sure the tape is not wider than the cassette. Recording will now be possible again.

Cleaning the tape path

How often should the tape path be cleaned?

If the deck is used every day, it should be cleaned *at least* once a month. It pays to clean just before an important recording.

If the tape starts to run unevenly, the capstan and the pinch roller should be cleaned straight away.



Which cleaning agent should be used?

Use cotton buds or a piece of clean flannel wrapped round a wooden stick. Moisten the cotton/flannel with *pure alcohol or methylated spirit*.

IMPORTANT! Do not use acetone, carbon tetrachloride, trichloroethylene, or similar strong solvents. They will damage the heads. Do not use sharp or hard objects.

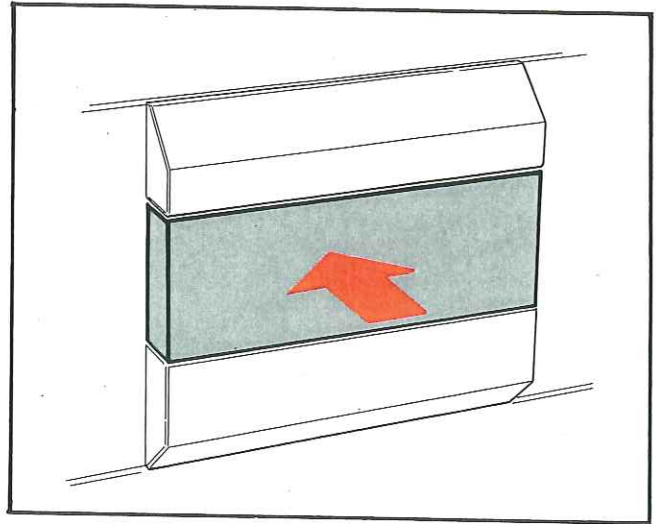
How should you clean?

- Clean those places marked in colour in the figure. The pinch roller must be well dried after cleaning.
- Take care that the cleaning fluid does not run along the capstan into the bearing.

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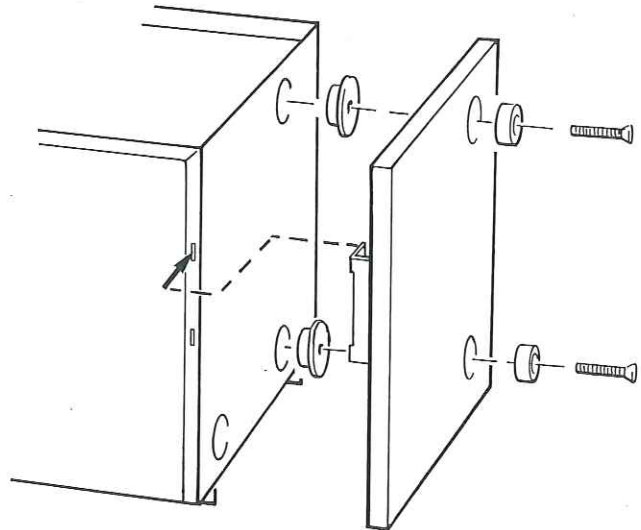
Dust cover (extra)

Press the dust cover in place between the two fixed covers, see figure.



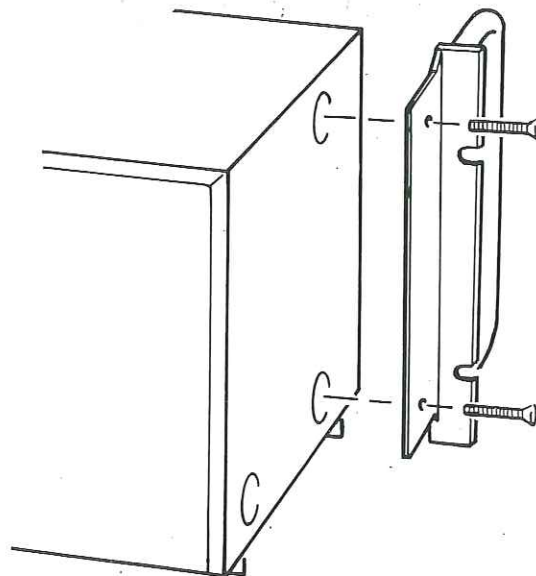
Fitting the side panels (extra)

When fitting extra side panels you must use the long screws which are supplied.



Fitting the 19"-rack mount kit (extra)

See figure.



NL**Stofkapje (extra)**

Plaats stofkapje tussen de beide beschermkappen.

Montage van de zijwanden (extra)

Indien U extra zijpanelen wenst te monteren, kunt U de bijgeleverde lange schroeven gebruiken.

Montage van de 19"-rack bevestiging (extra)

Zie illustratie.

N**Støvdeksel (ekstra)**

Støvdekslet settes på plass ved å trykke det rett inn mellom dekslene, se figur.

Montering av sidepaneler (ekstra)

Ved montering av ekstra sidevegger benyttes de lange skruene som medfølger settet.

Montering av 19"-rack monteringssett (ekstra)

Se figur.

S**Skyddslock (tillbehör)**

Skyddslocket monteras mellan kåporna, se figur.

Montering av gavlar (tillbehör)

Vid montering av extra gavlar använd de längre skruvarna som medföljer.

Montering av 19"-rack monteringsatts (tillbehör)

Se figur.

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