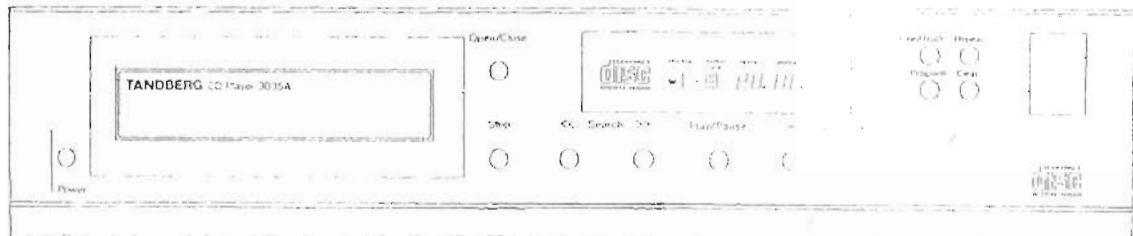


TANDBERG® TCP 3035A

Operating Instructions



**CAUTION - LASER RADIATION WHEN OPEN
AND INTERLOCKS DEFEATED.
DO NOT STARE INTO BEAM OR VIEW
DIRECTLY WITH OPTICAL INSTRUMENTS.**

ACHTUNG - UNSICHTBARE LASERSTRALUNG WENN DIESER TEIL GEOFFNET WIRD UND DIE SPERRE ABGEKOPPELT IST. SEHEN SIE NICHT IN DIE STRALUNG HINEIN, UND BEOBACHTEN SIE BITTE NICHT DIE STRAHLEN MIT OPTISCHEN INSTRUMENTEN.

AVERTISSEMENT - S'IL Y A OUVERTURE OU SI L'INTERUPTEUR EST HORS FONCTION IL Y A RADIATION DE LAZER. NE PAS REGARDER DANS LE RAYON OU REGARDER AVEC DES INSTRUMENTS OPTIQUES.

ADVERTENCIA - LA RADICIÓN DE LOS RAYOS LASER AL ABRIR, CUANDO LAS PICZAS DE SEGURIDAD ESTEN FUERA DE FUNCIÓN. NO, NO MIRE DENTRO DE LA RADIACION TAMPOCO CON INSTRUMENTOS OPTICOS.

ADVARSEL - LASERSTRÅLING VED ÅBNING, NÅR SIKKERHEDSAFBRYDRE ER UDE AF FUNKTION. SE IKKE IND I STRÅLEN - HELLER IKKE MED OPTISKE INSTRUMENTER.

VARNING - OSYNLIG LASERSTRÅLING NÅR DENNA DEL ÅR ÖPPNAD OCH SPÅRFIAR ÅR URKOPPLADE. STIRRA EJ IN I STRÅLEN OCH BETRAKTA EJ STRÅLEN MED OPTISKA INSTRUMENT.

VARO - AVATTAESSA JA SUOJALUKITUS OHTETTAESSA OLET ALTTIINA LASERSÄTEILYLLE. ÄLÄ TUIJOTA SÄTEESEEN ÄLÄKÄ KATSO SITÄ OPTISEN LAITTEEN LAPI.

READ THIS FIRST!

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

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

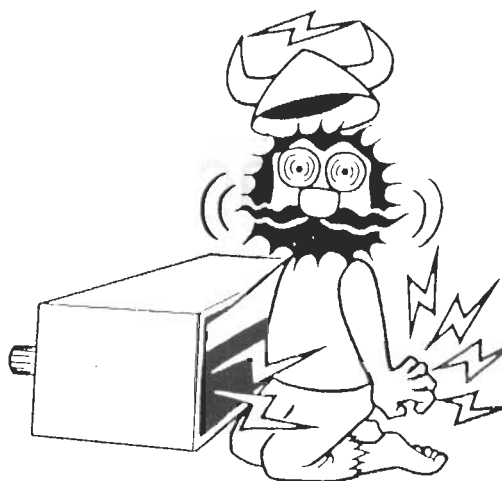
WARNING

Faults on the unit caused by the circumstances described in the warnings below, do not necessarily apply for warranty service.

MAIN POWER

In some areas the main power wall outlets carries high frequency data and intercom communications. To prevent this high frequency to reach the CD, a HF filter should be connected in the power line. Ask your local Tandberg dealer if this high frequency is in your area.

Should the high frequency reach the CD and interfere with the electronics, damage might occur in the output stage or the speakers.



Connecting

When connecting the units in a HiFi system together, it is very easy to touch the hot wire on the phono lead and generate a hum signal. This signal can be amplified or the speakers.

To avoid the problem, switch off all the units in the system before connecting.

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Power requirements

Make sure the CD player is marked at the rear panel with the correct mains voltage for your area:

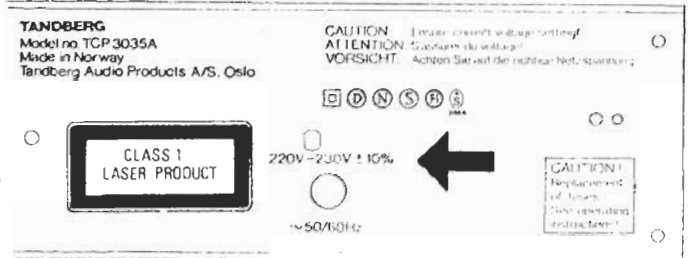
US version: 110-115 v +/- 10%, 50/60 Hz
European version: 220-230 v +/- 10%, 50/60 Hz

Changing the mains voltage setting and fuse (inside) should be carried out by a qualified service technician.

The power consumption is 12 watt maximum.

Fuses:

220V/240V: 100 mA, slow blow, 5 x 20 mm
115V: 200 mA, slow blow, 5 x 20 mm



Check that the CD player is marked with the correct mains voltage.

Placing the Compact Disk Player

- When placing the CD player on a shelf always be sure that sufficient ventilation is available, minimum 3 cm clearance above the player.

- When stacking an audio system, the CD player should under no circumstances be placed directly above the power amplifier.

- Do not place the CD player in direct sunlight or near any heat sources.

NOTE! Do not lay audio or video cassettes near the CD player because the magnetic field may damage the cassettes.

Connections

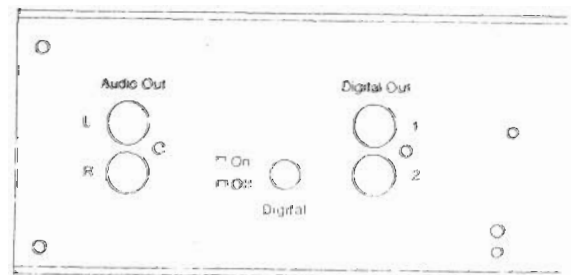
For best performance use High Resolution phono cables for interconnection (in- and outputs) between the TCP 3035A and the external equipment.

Outputs

NOTE! Do not ever connect the CD player to the PHONO inputs on your receiver/control amplifier.

Connect two phono leads from the sockets marked Output L and R on the CD player to the sockets marked DD input on the receiver/control amplifier. If the receiver/control amplifier does not have DD inputs (or they are already in use) use the AUX or TAPE inputs.

When using the digital output, make sure the digital switch (located between audio out and digital out) are set to on position.



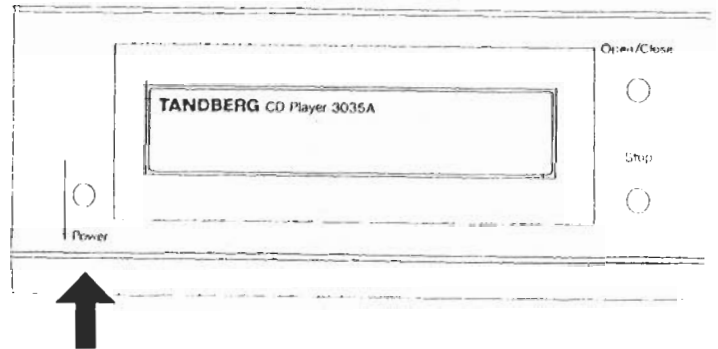
NOTE! If you are not using the digital output, this switch must be set to its off position.

Switching on

Check that the CD player is marked with the correct voltage on the rear panel.

Plug the mains lead into the wall socket.

Press the Power switch to turn on the CD player.



Loading a disc

- To open the disc tray press the Open/Close button and the tray slides out automatically after about 1 second.

- Take the disc out of the cover and fit the disc onto the tray with the label side UP!

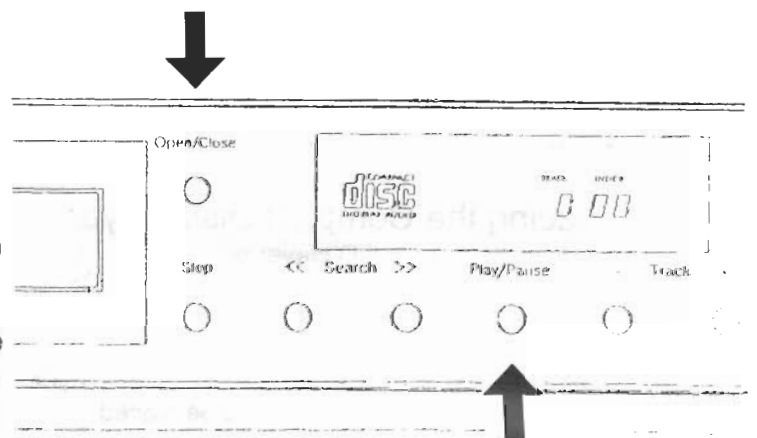
- Place the counterweight disc onto the disc with the label side up.

NOTE! Do not try to start a playback without the counterweight disc inserted.

- To close the tray press the Open/Close button, or to go directly into play press the Play button.

NOTE! Do not try to push the tray in by hand.

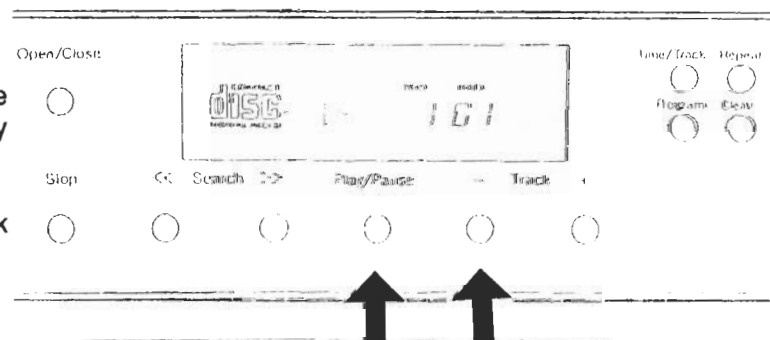
- The disc will now start rotating and the display will start flashing. After a short time the display will show the number of tracks on the disc.



Playing

To start playing the disc, press the Play/Pause button and the display will show the play symbol, track 1 and index 1.

You can go back to the beginning of the track being played by pressing the track button.

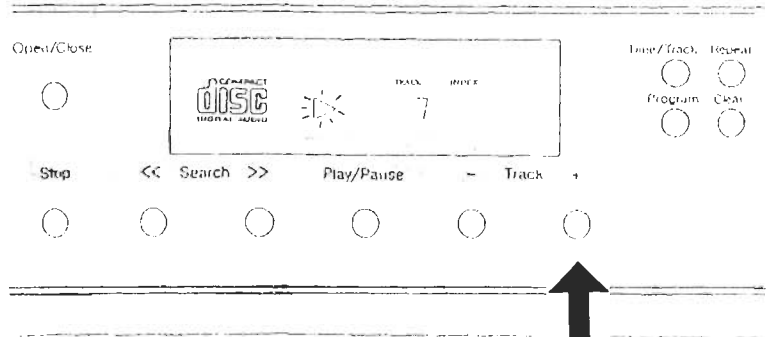


Selecting another track

Any time during play you can select another track by pressing one of the Track - or Track + buttons.

If you e.g. want to listen to track 7, press the Track + or the Track - button (or hold the buttons depressed), one or several times until the display shows the wanted track number (7). Play is interrupted and the CD player will start searching for the wanted track and then play it. The display will now show 7.01 (track number).

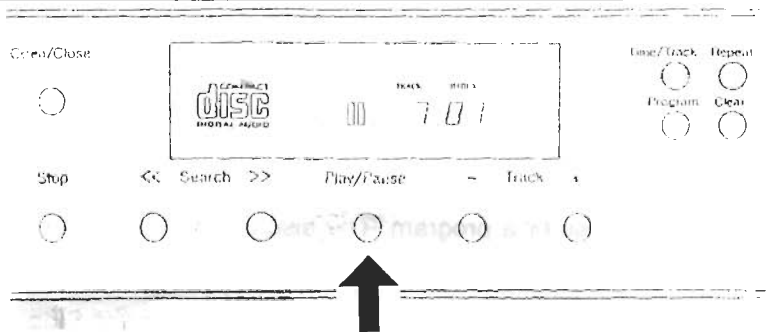
You can also select another track in stop mode and then press the play button.



Pause

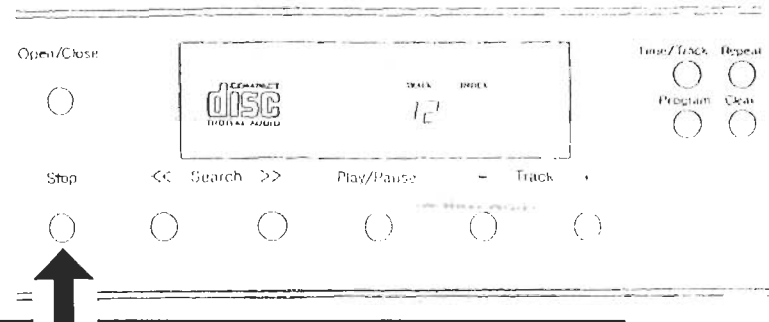
To interrupt playback, press the Play/Pause button and the display shows the pause symbol.

To restore playback, press the Play/Pause button once more.



Stop

To stop the playback, press the Stop button.

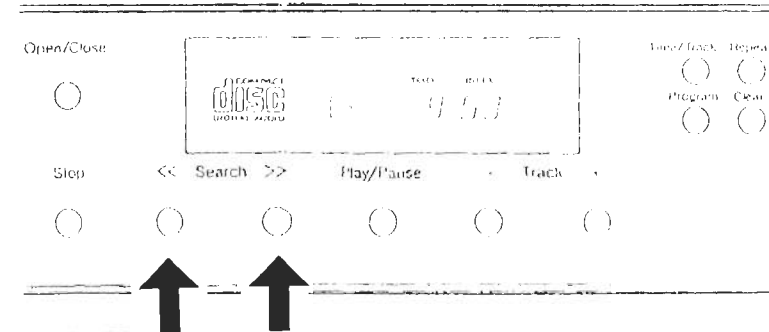


Search

During play you can locate a particular passage of a track by pressing the Search buttons.

In search there are two different speeds. By holding one of the Search buttons depressed, the following will happen:

1. The first second the laser pick up moves relatively slowly with cueing.
2. Then the laser pick up moves faster, still with cueing.

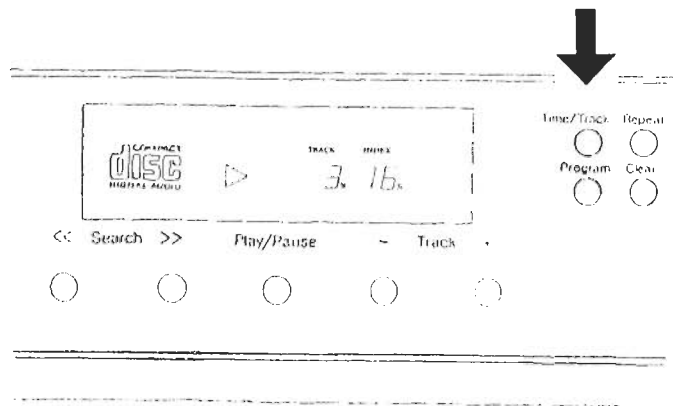


Time/Track

If you want to know the total playing time of the track instead of the track numbers, press the Time/Track button.

In stop the display shows the total playing time. In play it shows each track in minutes and seconds.

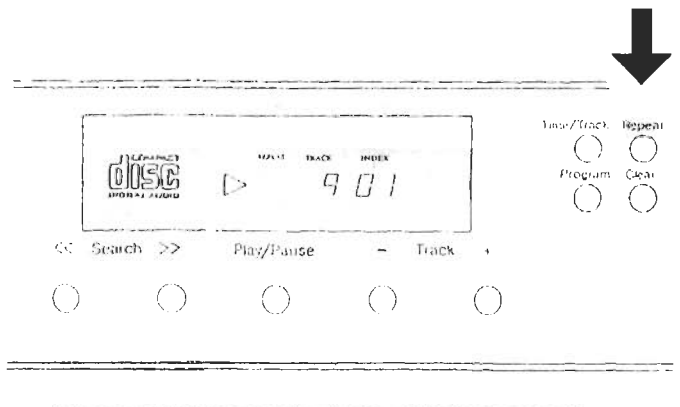
To restore TRACK: INDEX, press the Time/Track button once more. Time indication is also cancelled when the CD player is switched off.



Repeat

Press the Repeat button to repeat the entire disc or a program. The disc or the program will be repeated until you cancel the repeat mode.

The mode is cancelled when you press the Stop or the Open/Close button.



Repeat A-B

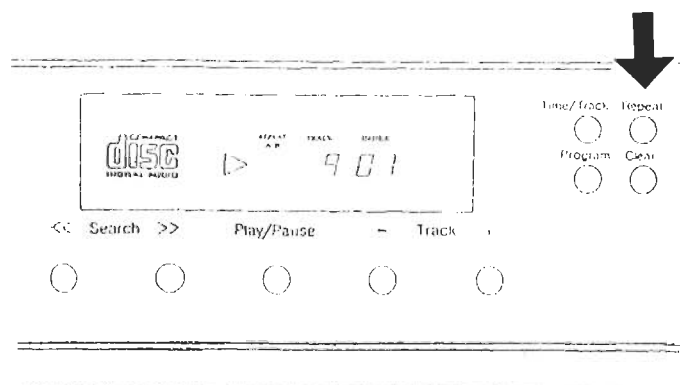
Repeat play between two points.

A: Press the Repeat button at the beginning of the sequence you want to repeat.

B: Press the Repeat button again at the end of your sequence.

The CD player will now repeat the the sequence from A to B.

To canceled Repeat A-B, just press the Repeat button once more, and the CD player returns to normal play mode.



Track and index

(disc with index)

Some discs contains indexes.

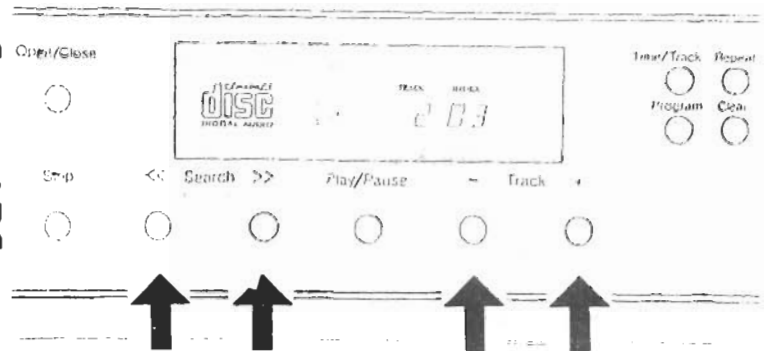
Index number can be selected in two ways: in play and in stop.

In play:

By pressing the Search >> button while in play, the CD player will in addition to start searching also count the index number of each track when TRACK INDEX is displayed.

In stop:

Press Track - or Track + button to select track number. Then press Search << or Search >> button to select index number. Press Play/Pause button and the selected track and index number is played.



Programming

Instead of playing the complete disc, you can program a number of tracks and play those. You can store a maximum of 15 tracks.

Turn on the power, load a disc into the tray and close the tray with the Open/Close button.

The display now shows the total number of tracks.

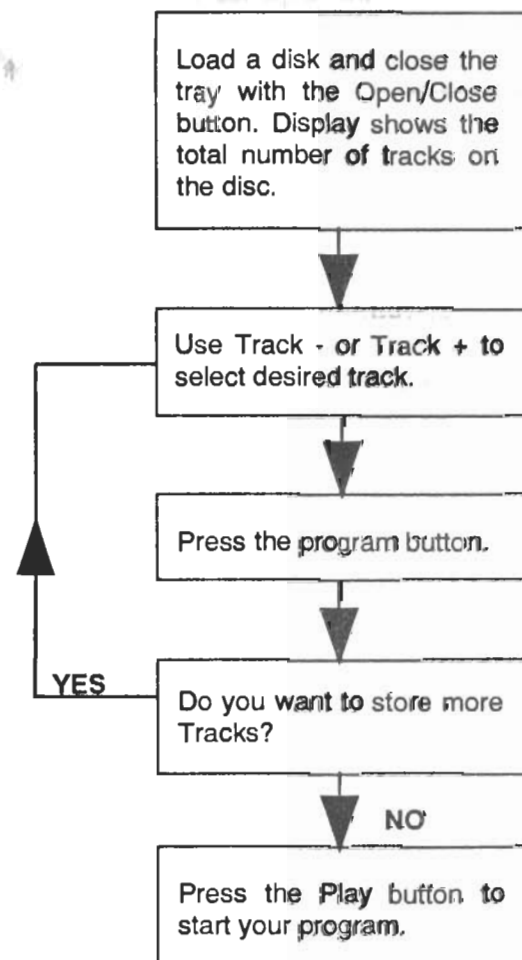
Use the track - or Track + button to select the first track you want to store and press the Program button while the track number on the display is flashing. A Program text appears on the display and the track number stops flashing, this indicates that this track is stored. Select the next track by pressing the Track - or Track + and then the Program button. Continue in this manner until you have stored the desired number of tracks.

Press the Play/Pause button to play the program.

To go to another programmed track when in play, use the Track - or Track + button.

When the program is finished, the disc will stop unless you have pressed the Repeat button to repeat the program.

Rapid programming



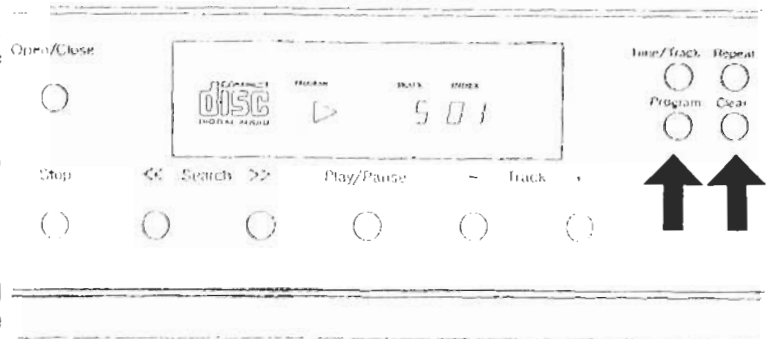
To clear the program, press the Clear button. If you do this while playing the program, your programmed tracks will be cleared and the remaining tracks on the disc will be played as if in ordinary play mode.

Pressing Stop or Open/Close button will also clear the program.

Clearing a track during programming

If you should store a wrong track number during programming, use the Clear button to erase the last programmed track number

Index numbers can not be programmed.



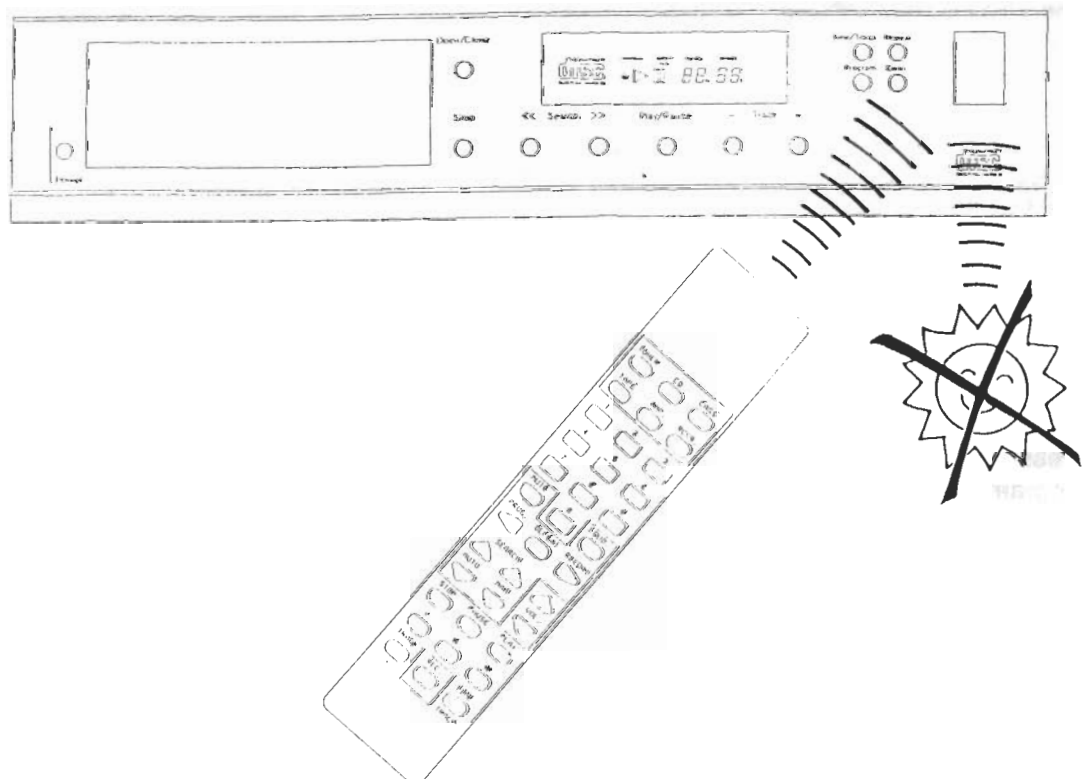
Remote Control operation

Make sure that the batteries are correctly inserted.

NOTE! For longer periods of absence, we recommend removing the batteries. Worn out batteries should be removed immediately. Leakage from the batteries may damage the electronics.

Point the remote control at the unit during operation. Maximum range, 10 meters, is achieved when there is a clear line of sight between the remote control and the unit you wish to control.

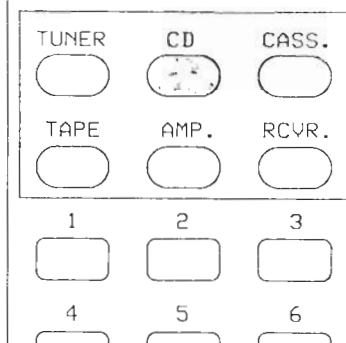
Do not expose the remote control receiver to any strong light sources.



System select

To be able to control your CD player from the remote controller, you have to tell the remote controller what kind of equipment it is going to control. This you do by pressing once on the system button corresponding with the unit type you want to control.

In this case you press system button marked CD. Once pressed, the remote controller is in the CD player mode until another system button is pressed.



Remote control functions

Play

To start playing the disc, press the play button. The display will show the play symbol and track 1, index 1.

Stop

To stop the playback, press the Stop button. The display will show the total numbers of tracks on the disc.

Pause

To interrupt playback, press the Pause button. The display will now show a red symbol. This is the pause symbol.

Track + and Track -

Press Track + or Track - to select track number. When not in play mode press the play button to start the selected program. When in play mode, the selected program will start automatically.

<< and >>

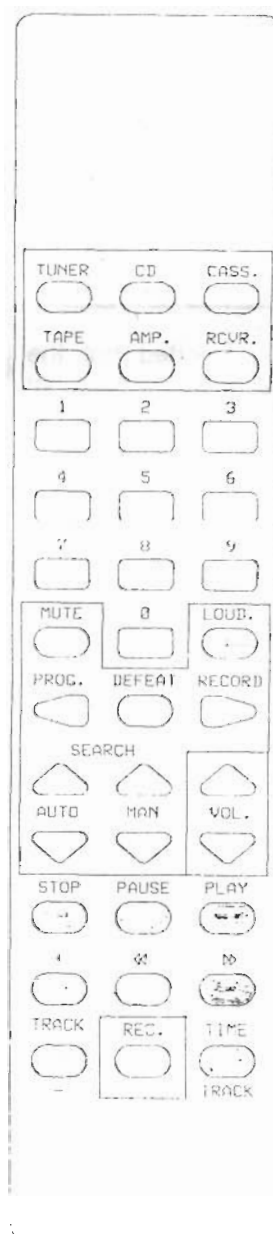
During play you can locate a particular passage of a track by pressing one of the double arrow buttons. The first second you press the button, the laser pickup moves slowly with cueing. Keep pressing the button the laser pickup moves faster, still with cueing.

Time/Track

By pressing the Time/Track button, the display will alternate between showing track number and total playing time.

Select a track

By pressing one of the number keys, one directly select a track. Press the play button to start the selected track. If the CD player already are in play mode, the selected track will start automatically.



Maintenance

Disc

When you remove the disc from the cover, always pick up the disc by the edge, and put it back into the cover immediately after use, cleaning will normally not be necessary.

Should fingerprints, dust or dirt appear, wipe it off with a soft lint-free cloth (you can breathe on the disc when cleaning). Wipe the disc in a straight line from centre to edge.

NOTE! Never use detergent, solvents or cleaning agents for conventional records as they may damage the disc.

Never write on the disc label, this can damage the music tracks.

Mechanism

The CD player mechanism has self-lubricating bearings and must not be lubricated.

The disc tray should be kept free of dust.

Problem	Probable cause	Suggested remedy
The Player Fails to turn on when the power switch is pressed.	Power cable not connected.	Firmly plug in the power cord.
The disc is inserted but the total number of tracks are not displayed or play does not begin.	The disc is upside down. The disc is dirty. The disc is scratched. There is moisture on the laser pickup. Missing or misplaced counter-weight disk.	Reload the disc with the label side up. Clean the disc. Replace the disc. Switch on the unit and wait 20 or 30 minutes before using the unit.
A certain music passage can't be played correctly	The disc is dirty. The disc is scratched.	Clean the disc. Replace the disc.
No sound.	Improper output cable connections. Improper amplifier operation.	Connect the cables properly. Cables may be defective. Set the amplifier to the correct input select.
Sound "skips".	The player is subject to shock or vibrations. The disc is dirty The disc is scratched.	Relocate the player. Clean the disc. Replace the disc.
Noise in the tuner	Tuner is placed too close to the player. Digital output switch is turned on.	Move the player away from the tuner. Turn off the digital output switch if not in use.

Typical data

Tandberg Compact Disc Player 3035 A	Power requirements:	115/230V+-10%, 50/60 Hz
	Power consumptions:	15 W
	Dimensions:	Width 17 1/8" (43,5 cm)
		Depth 13 3/4" (35,0 cm)
		Height 3 1/2" (8,9 cm)
		Weight 13,9 lbs (6,0 kg)
	Frequency range:	2 - 20.000 Hz +/- 0,5 dB
	Dynamic range:	94 dB
	Signal-to-Noise ratio:	105 dB
	Channel separation:	88 dB (at 1000 Hz)
Total Harmonic Distortion:	0,007 % (at 1000 Hz)	
Wow and flutter:	Quartz crystal precision	
Error correction system:	Cross Interleaved Reed Solomon Code (CIRC)	
Audio output level:	Min 1,8 V RMS	
Optical Readout System	Laser unit:	Diode laser
	Wave length:	784 nm (760-800 nm)
	Max power out:	5 mW
Signal Format	Samplig frequency:	44,1 kHz
	Quantization:	16 bit linear/channel

Specifications are subject to change without notice.