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INTRODUCTION

Thank you for selecting the Philips CDC 775 **Compact Disc Changer.**

A Compact Disc Changer of the state-of-the-art Philips 700 series, the CDC 775 combines supreme playback quality with a high degree of user-friendliness by offering the following possibilities:

- able to play CD-RW disc;

- changing CDs during play;
- quick access to a particular CD by means of QUICK PLAY:
- storing 40 tracks from different CDs in any desired order in the changer memory;
- storing the required recording time and playing time in the EDIT mode.

Power Supply Setting

- Check that the type plate on the rear of your changer indicates the correct supply voltage.
- If your mains supply voltage is different, consult your dealer or our Service Organisation.

INSTALLATION

Siting the Compact Disc Changer

Free standing

• Always position the changer horizontally on a flat,

English

firm surface. • Allow a free space of at least 3 cm above the changer so as not to interfere with the cooling of the changer.

In an audio rack

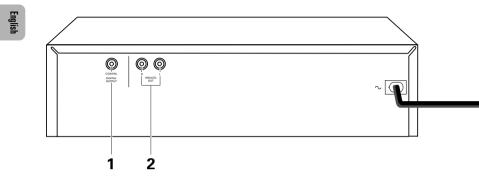
• The changer can be sited in any desired position.

Stacked

- Site the changer preferably at the bottom or at the top.
- · Never position the changer directly on top of a highpower amplifier, as such an amplifier gives off a substantial amount of heat.



INSTALLATION



Connections

1 Digital Out

This output supplies digital signal and can therefore only be connected to an input which is suitable for this signal. Use here a lead with one cinch plug on either end.

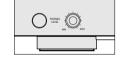
Never connect this socket to a non-digital input of an amplifier, such as AUX, CD, TAPE, PHONO etc!

2 Analog Out

- For the connecting cable to the amplifier.Insert a red plug into the 'R' socket and the
- other plug into the 'L' socket.
- Insert the two other plugs into the corresponding sockets of the CD or AUX input of your amplifier. You can also use the TUNER or TAPE IN connection, but never the PHONO input!

Connecting Headphones

- Connect headphones with a 6.3 mm jack plug to the PHONES socket.
- The sound level is adjusted with the LEVEL control.

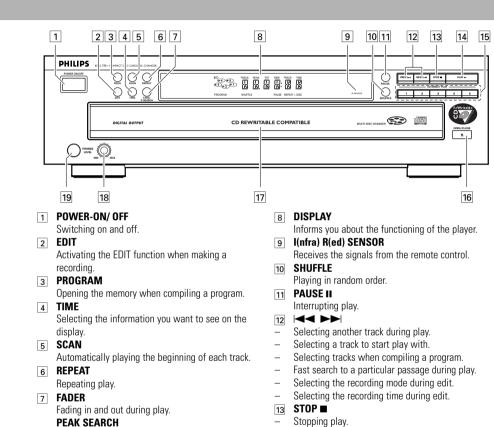


Note:

- The volume control on the remote control must not be at the minimum level.

Searching the loudest passage (peak) on a CD or in

a program when making a tape recording.



_

Cancel a Program, Peak Search or Edit.

FUNCTIONAL OVERVIEW

14 PLAY ► _ Starting play.

_

- Returning to the beginning of a track.
- 15 CD DIRECT PLAY
- Selecting another CD during play. _
- Selecting a CD to start play with. _
- Selecting CDs when compiling a Program, Peak _ Search or Edit.

16 OPEN/CLOSE

Opening and closing the CD compartment.

17 CD CAROUSEL TRAY

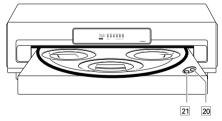
18 LEVEL

Adjusting the volume when listening with headphones.

- 19 PHONES
- Connecting headphones.
- 20 QUICK PLAY Immediate playing of a particular CD.

21 **LOAD**

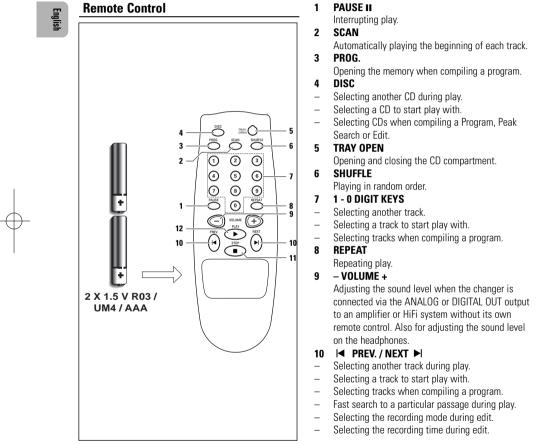
Rotating the turntable in the CD compartment when inserting CDs.



11

English

FUNCTIONAL OVERVIEW



- 11 STOP
- Stopping play.
- Cancel a Program, Peak Search or Edit.
- 12 PLAY ►
- Starting play.
- Returning to the beginning of a track.

The life of the batteries of the remote control is around one year. For replacement only use batteries of the type R03, UM4 or AAA.

FUNCTIONAL OVERVIEW

Display

PROGRAM	SHUFFL	E	PAUSE	REPEAT	DISC

(((O

 Lights up when the changer receives a command from the remote control.

$\overset{\mathfrak{G}}{\oplus} \overset{\mathfrak{G}}{\oplus}$ 1 - 5 CD number indicator

- Lights up when you switch the changer on.
- $\,-\,$ Indicates the number of CDs in the CD compartment.
- Indicates what CD is being played (CD number

flashes).

- PROGRAM
- Flashes when a program is being compiled.
- Lights up when a program is being played.
- TRACK Indicates:
- what track is being played;
- the number of tracks on a CD or in a program.

PEAK

- Flashes when the loudest passage (peak) on a CD or in a program is being searched.
- Lights up when the loudest passage (peak) has been found.

TRACK TIME

 Indicates the elapsed playing time of the track being played.

REM(aining) TRACK TIME

 Indicates the remaining playing time of the track being played.

TOT(al) REM(aining) TIME – Indicates the remaining playing time of a CD.

- TOT(al) TIME
- Indicates the total playing time of a CD.
- SHUFFLE
 Lights up when the tracks are played in random order.
- PAUSE
- Lights up when play is interrupted.
 REPEAT 1
- Lights up when you repeat a track.

REPEAT DISC

- Lights up when you repeat a CD.

REPEAT

 Lights up when you repeat all CDs or a program from them.

Display messages:

RERd – Lights up when a CD's contents list is being scanned.

 $\mathcal{TID} \ \ \, \textit{d} \ \, \textit{ISL}-\text{Lights up when there are no CDs in the}$

CD compartment.

WRDND ERREK-Lights up when you select a nonexistent track number.

SELECE & ISC-Lights up when you try to activate

a function for which you must first select a CD number.

III SERE = d ISE - Lights up when you give a play

command while the CD compartment is empty.

 $\mathcal{LO} \mathcal{LO} \mathcal{SLOP}$ – Lights up if you try to activate a

function for which you must first stop play.

 $\square \square R \square R \square R \square L$ – Lights up when the player is put into the

EDIT mode.

English

Inserting the CDs

English

Use only audio CD; audio CD-R or audio CD-RW.



- Press **POWER-ON/OFF** to switch the changer on.
- The changer will now start CD detection to check how many CDs there are in the CD compartment. The turntable will rotate slowly until all positions (1 - 5) in the CD compartment have been checked.
- The position which is being checked is always shown on the display (d 155 ×).
- After CD detection the 1 5 CD number indicator will show the number of CDs in the CD compartment.
- Open the CD compartment by pressing **OPEN/CLOSE**.

- GPER lights up.
- Insert the CDs, *printed side up*; use the LOAD button to rotate the turntable in the CD compartment.
- Close the compartment by pressing **OPEN/CLOSE**.
- *ELDSE* lights up. The changer will start CD detection again.

NOTE!

- CD detection may never be interrupted. If, during detection, you press any button, then the changer will stop detection and the display will give an incorrect indication of the number of CDs in the CD compartment.
- Always remove all CDs from the CD compartment if you want to transport the changer.

Normal Playback (PLAY ►)

- The display shows the number of the current CD.

∞∞ d¦5[2

- Press **PLAY** ► to start playback.
- The CD number indicator (1-5) always shows what CD is being played (► X flashes).
- The track being played and its elapsed playing time are shown under TRACK and TRACK TIME.
 See 'CALLING UP INFORMATION ON THE DISPLAY' if you wish to see other information on the display.

Play will stop after all CDs have been played.
Press **POWER-ON/OFF** to switch the changer off.

Quick Play

 Use the PREFERRED POSITION in the CD compartment if you wish to insert only one CD and then start play by pressing the **QUICK PLAY** button. Play will then start immediately with the inserted CD.

NOTE!

- You can also press PLAY ▶ immediately after inserting the CDs; the compartment then closes automatically and play starts from the first available CD.
- You can interrupt playback by pressing PAUSE II; PAUSE then lights up. Press PLAY ► or PAUSE II; to restart.
- If you press PLAY ► during play, the current track will start again from the beginning.
- You can stop playback by pressing STOP ■.
- If you press OPEN/CLOSE during play, the CD compartment will open while play continues. The three CDs outside the changer may now be changed without playback being interrupted.

Selecting Another Track During Play

• Press ►► or I ◄◄ (*less than 0.5 seconds*) until the desired track number appears under TRACK.



The music stops and a moment later the selected track begins to play.

WRDDG ERREK lights up when you select a nonexistent track number.

Selecting Another CD During Play (CD DIRECT PLAY)

- Key in the desired CD number.
- The music stops and a moment later the selected CD begins to play.

 $\Pi \Pi = d \ 15L$ lights up when there is no CD in the selected CD compartment. You can also select the number by using the **DISC** button on the remote control.

Searching For A Passage During Play (I

• Hold I down to search backwards to the beginning.

Hold ►►I down to search forwards to the end.
 The searching speed is determined by how long a key is pressed:

- the first 2 seconds fairly slowly, with sound;
- $\,$ then at the maximum speed, with no sound.

If you reach the end of the last track and release **>>**, play will resume a few seconds before the end of the CD.

Starting With A Particular CD (CD DIRECT PLAY)

- Key in the required CD number.
- If the CD compartment was open, it will now close.
- Play starts from the selected CD.

 $\Pi \Pi = d / 5L$ lights up when there is no CD in the selected CD compartment. You can also select the number by using the **DISC** button on the remote control.

Starting With A Particular Track (CD DIRECT PLAY, I◄◀►►I and PLAY►)

- First select the number of the required CD using CD DIRECT PLAY or DISC on the remote control.
- If the CD compartment was open, it will now close.
- Then select the (track) number by using ►►I or I

 Image: organized state of the select t
- Press PLAY ▶.
- Play starts from the selected track.

WRDDE ERAEK lights up when you select a nonexistent track number. DD d 15E lights up when there is no CD in the selected CD compartment.

Scanning CDs (SCAN)

All CDs:

- Press SCAN before or during play.
- If the CD compartment was open, it will now close.

PLAYBACK

English

 5 C R R lights up and the first 10 seconds of each track are played in turn (starting from the current track). 10 seconds are counted down each time under REM(aining) TRACK TIME.



 When the player reaches a track which you wish to hear in full, press SCAN again or PLAY ►.

English

Playing In Random Order (SHUFFLE) All CDs:

- Press SHUFFLE before or during play.
- If the CD compartment was open, it will now close.
- SHUFFLE lights up and all the tracks are now played in a random order.

C3 TRACK TIME

- If you press
 If you will select any one of the following tracks.
- Press **SHUFFLE** again if you wish to return to normal play.

NOTE!

 If, during play, you open the CD compartment to change CDs (see 'NORMAL PLAYBACK') then playback in random order will be cancelled. Playback will stop as soon as the last track of the current CD has been played (in normal order).

Calling Up Information On Display (TIME)

In STOP mode:

Text display

 After loading the CDs and closing the CD compartment, the display shows the number of the CD to be played (= default display in STOP mode).

∞® 4|2[2

 Press **TIME** to shows the number of tracks and the total playing time of the current CD (TOTAL TIME).



During play:

1. Time display

 When you start play (from STOP mode), the display shows the elapsed playing time of the current track (= default display in PLAY mode).



 Press TIME whenever you want to know the remaining playing time of the current track (REM TRACK TIME).



 Press TIME, if you wish to know the total playing time from the beginning (TOTAL TIME).



 Press **TIME** again if you wish to know the remaining playing time of the entire CD (TOTAL REM TIME).

Note :

- TOTAL REM(aining) TIME and TOTAL TIME indications are not available in SHUFFLE mode.

2. Text display

 If you press TIME again, you will switch to text display; the display shows the number of the current CD.



- If you wish to know the total playing time of the entire CD you must go back to STOP mode first and then press TIME.
- The display now shows the number of tracks and the total playing time of the current CD (TOTAL TIME).

Repeating Play (REPEAT)

Repeating a track:

Press **REPEAT** before or during playback of the CD.
 REPEAT 1 lights up; the track will now be repeated



Press **REPEAT** three times to stop the track being repeated.

Repeating a CD:

- Press REPEAT twice before or during playback of the CD.
- REPEAT DISC lights up; the CD will now be repeated continuously.



• Press REPEAT twice to stop the CD being repeated.

English

Note:

 Repeating of a CD is not possible during shuffle or program mode.

Repeating all CDs:

- Press REPEAT three times before or during playback.
- REPEAT lights up; all CDs will now be repeated continuously.



• Press **REPEAT** again to stop the CDs being repeated.

NOTE!

 When a program has been stored (for one or more CDs), then only the program will be repeated.

Searching For The Loudest Passage (PEAK SEARCH)

- In STOP mode, press PEAK SEARCH.
- SELECE & ISC lights up and PEAK starts flashing.
- Press PEAK SEARCH again to select the last selected disc or press any CD DIRECT PLAY button or DISC (on the remote control) to select the desired disc.
- The CD will now be scanned for the loudest passage (the peak).
- The display shows the track being scanned and its elapse playing time.



- When the loudest passage has been found it will be repeated continuously (from 2 seconds before the peak until 2 seconds after the peak) and PEAK lights up.
- You can now adjust your recording device.
- You can stop the scan by pressing STOP ■: if you press PLAY ▶, the CD will be played from the beginning.

NOTES!

- When searching for the loudest passage in a program (from one or more CDs) there is no need to enter the CD number(s).
- If you wish to record tracks from different CDs you have to repeat peak search for each CD.
- You can interrupt PEAK SEARCH by pressing STOP ■.

Adjusting The Sound Level

(- VOLUME +) (on the remote control only)

The volume output of the CD changer can be adjusted. This will affects the analog out, digital out and heaphones level.

- Press VOLUME or + to reduce or increase the sound level.
- The display will show a value between $\mathcal{V} \square \mathcal{L}$ \square and $\mathcal{V} \square \mathcal{L}$ $\square \mathcal{L}$.

Important!

The volume level will influenced the sound level during recording. Set the volume level to the maximum and do not change the volume setting during recording.

Locking the volume

This unique feature allows you to lock the volume level when listening to the heaphones or doing recording.

- Press EDIT for more than 2 seconds.
- The displays will show VOL LOCK.

Unlocking the volume

- Press EDIT for more than 2 seconds.
- The displays will show VOL 20.

Note:

 When you adjust the volume and the display shows VOL LOEK, it means that the volume is in the lock mode.

Listening to the heaphones

- Connect the headphones to the PHONES socket.
- Adjust the headphones sound level with the LEVEL control.

Note:

 Should there be no sound after adjusting the LEVEL control to maximum; press VOLUME + on the remote control to increase the sound level.

Activating The Fade-In And Fade-Out Function (FADER)

NOTE!

English

 The FADER function can be used if the changer is connected to the amplifier or the system via the ANALOG OUT output.

• During play press FADER.

 The sound level will now gradually decrease (FADE OUT), after which the changer will go into the PAUSE mode.

FRdE I → FRdE - → FRdE _

• Press FADER again.

 Play continues and the sound level will increase again to the originally set level (FADE IN).

FRdE _ → FRdE = → FRdE E

PROGRAMMING

Storing A Program (PROGRAM)

- By programming the changer you can play up to 40 tracks in any required sequence.
- FULL lights up if you exceed the maximum of 40 tracks.
- *TD* d *15L* lights up when there is no CD in the selected CD compartment.
- In STOP mode, press **PROGRAM** to open the memory.
- SELECE & ISC lights up and PROGRAM starts flashing.
- Press PROGRAM again to select the last selected disc or press any CD DIRECT PLAY button or DISC (on the remote control) to select the desired disc.
- Press **>>**I or **| <** (*less than 0.5 seconds*) until the first track number you wish to program appears under TRACK.
- Press PROGRAM again.



- The track number has now been stored in the changers memory.
- Select the other track numbers required and store each track by pressing **PROGRAM**.
- The number of tracks and the playing time of your program will be shown under TRACK and TOT(al) TIME.
- Press **STOP** to quit the PROGRAM mode.

Note:

If the total playing time is more than "55:55", then
 "-----" appears in the display instead of the total playing time.

Playing The Program (PLAY ►)

- Press **PLAY** ►.
- Playback starts with the first number of the program.

The PROGRAM and EDIT buttons cannot be used during programmed play. Search for a particular passage is only possible within

the track being played.

Erasing A Program (STOP ■ or OPEN/CLOSE)

- In PLAY mode:
- Press OPEN/CLOSE or STOP (twice).

In STOP mode:

- Press OPEN/CLOSE or STOP ■.
- The program has now been erased.

The EDIT function has two recording modes in which you can store the recording time in the changer memory.

EDIT NORMAL – The changer will determine which tracks fit on each side of the tape and will stop after the last track. The tracks will be recorded in the order in which they appear on the CD(s).

EDIT OPTIMAL – The changer now calculates the combination of tracks that will optimize the use of available recording time.

NOTE!

- The EDIT function cannot be used for CDs containing more than 40 tracks.
- The VOLUME + keys on the remote control may not be used during recording as they affect the strength of the signal from the changer.

Before Recording

Important!

The volume level will influence the sound level during recording. Set the volume level to the maximum and do not change the volume setting during recording.

Preparation:

- A program to be recorded, must be stored in advance. See 'PROGRAMMING'.
- If required you can search the loudest passage and adjust your recording device. See 'SEARCHING THE LOUDEST PASSAGE (PEAK SEARCH)'. This can also be done after selecting the recording mode and the recording time. See below.

- Press EDIT to activate the EDIT mode.
- SELECE d ISC appears on the display.
- Press EDIT again to select the last selected disc or press any CD DIRECT PLAY button or DISC (on the remote control) to select the desired disc.
 When recording a program there is no need to enter the CD number(s).

Selecting the recording mode:

- The display shows *BBRMBL* (= EDIT NORMAL which is the default setting).
- With I can now select OPT(imal), CANCEL or EDIT (NORMAL) again.
- The display shows *DPE* (imal), *CRNEEL* or *NDRMAL* again.
- Press EDIT to store the required recording mode (NORMAL or OPTimal).
 If you select CANCEL, the EDIT mode will be
- cancelled and the changer will go back to STOP mode.As soon as you have stored the recording mode the
- display shows $\mathcal{L}\mathcal{B}\mathcal{G}$ (default setting).

Selecting the recording time:

- As soon as you have stored the recording mode the display shows *LGD* (default setting).
- With I you can now select the required recording time:

E30, E45, E60, E90, E 100, E 120, E4R2 I, E4R60 or E4R74.

In EDIT NORMAL mode the recording time must be at least equal to the playing time of the first track on the first CD or in the program.

In EDIT OPTimal mode the recording time must be at least equal to the playing time of the shortest track on the CD(s) or in the program.

- *MDE PDSS IBLE* lights up if you select a 'wrong' time.
- Press EDIT to store the required recording time.
- The CD changer will now go back to STOP mode
- You can now record the CD or the program.

Recording

• Press **PLAY** ►.

- Playback starts with the selected CD (or with the first track of the program).
- The display shows the elapsed playing time of the current track.
- Press **TIME** to switch to other time display information.
- The number of tracks for side A and their playing time are shown on the display.



- After the last track that fits on side A of the tape, the CD changer will go into PAUSE mode.
- PAUSE lights up.
- Under TRACK you will see the number of the first track to be recorded on side B of the tape.



• Turn the tape over or select the tape travel direction for side B.

EDIT

EDIT

English

- Press PLAY ►.
- The remaining tracks will now be played.
- After the last track play will stop; Ed IE
 ERIFELLED lights up.

NOTE!

- As soon as you press PLAY ► the other changer functions will temporarily be switched off to prevent the recording being interfered with; EDIT ACTIVE lights up if you press one of the other buttons during recording.
- You can quit the EDIT mode by pressing STOP ■. or OPEN/CLOSE; EDIT CANCELLED then lights up.
- EDIT NOT POSSIBLE lights up if you try to record a CD containing more than 40 tracks.
- Should the CD or the program be longer than the total recording time of the tape, play will stop after the last track that fits onto side B of the tape.
- Should the first track of the first CD or the program be longer than one side of the tape (= the entered recording time divided by two), then EDIT NOT POSSIBLE will light up. You will now have to enter another recording time.

ADDITIONAL INFORMATION

Maintenance

The CDs

- Never write on the printed side of a CD.
- Do not attach any stickers to the CD.
- Keep the shiny surface of the disc clean. Use a soft lint-free cloth and always wipe the disc in a straight line from centre to edge.
- Never use cleaning agents for conventional records.
- Detergents or abrasive cleaning agents should not be used either.

The changer

- A chamois leather slightly moistened with water is sufficient for cleaning the changer.
- Do not use cleaning agents containing alcohol, spirits, ammonia or abrasives.

Environmental Information

All unnecessary packaging material has been omitted. We have done our utmost to make the packaging easily separable into three mono-materials: cardboard (box), polystyrene foam (buffer) and polythene (bags, protective foam sheet).

Your system consists of materials which can be recycled and reused if disassembled by a specialized company. Please observe the local regulations regarding the disposal of packaging materials, exhausted batteries and old equipment.

ADDITIONAL INFORMATION

TROUBLESHOOTING

consult vour dealer.

No CDs inserted.

quarantee!

playback.

before taking your changer for repair.

If the fault remains, try to clear it by switching the

changer off and on again. If this also fails to help.

Under no circumstances should you repair the

changer yourself as this will invalidate the

Playback does not start or interruption of

• The current CD is badly scratched or dirty.

→ Leave the CD changer in a warm environment until

Playback does not start from the first track (of the

→ Clean the CD with a soft, lint-free cloth.

→ Clean the CD with a soft, lint-free cloth.

• PRG (program) or SHUFFLE activated.

→ Switch off SHUFFLE or clear program.

Moisture condensation on the lens.

→ Reload the CD, label side up.

→ Insert the CDs, label side up,

the moisture evaporates.

The current CD skips tracks.

The CD is damaged or dirty.
 → Replace or clean the CD.

The current CD is dirty.

No sound or bad sound.

Loose or wrong connections.
 → Check connections.

current CD).

Sound skips (at the same part).

The current CD has been loaded upside down.

Technical Data

Typical Audio Performance

Frequency range:
Amplitude non-linearity: $\ldots \le 2 \text{ dB} (1 \text{ kHz}, -70 \text{ dB})$
Dynamic range:
Signal-to-noise ratio:
Channel separation:
Channel unbalance $\ldots \le 1 \text{ dB} (1 \text{ kHz})$
Total harmonic distortion:0.004% (1 kHz)
Audio output level:
Impedance PHONES socket (6.5 mm): $\ldots .30 - 600\Omega$
Digital coaxial output \dots

Power supply

Mains voltage and frequency:	
	hanger
Power consumption:	.<12 W
Safety requirements:UL a	nd CSA

Cabinet

Dimensions (w x h x d):
Weight:

Subject to modification

If a fault occurs, run through the points listed below • Strong magnetic fields near the CD changer.

- Strong magnetic fields hear the CD change
 → Find another place for the unit or change
- English

No sound or bad sound on headphones.

- Volume control on remote control is at minimum.
- → Increase the volume control level.
- Level control set to position.
- → Set level control.

connections.

- Headphones plug is dirty.
- → Clean plug.

Volume is too low.

- Sound level has been adjusted too low with the -VOLUME + keys on the remote control.
- → Adiust sound level.

Remote control does not function.

- Batteries are empty.
- → Replace the batteries.

Remote control commands are not properly received.

- The distance between remote control and CD changer is larger than 10 metres.
- → Reduce the distance between remote control and CD changer.
- "& ISE NOE FINAL ISE&" is displayed.
- The CD-RW (or CD-R) is not properly recorded for the use on a standard CD player.
- → Read the instruction booklet of your CD-Rewriteable (or CD-Recordable) recorder on how to finalise a recording.
- The CD is badly scratched or dirty.
- → Replace or clean the CD.

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