

INTRODUCTION

English

This CD changer is designed for use only with car radios which have CD changer controls based on the **DIGITAL standard**. Consult your dealer for suitable types of car radio.

The functions of the CD changer are described in the operating instructions for the car radio.

General

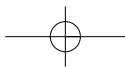
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GENERAL

PRECAUTIONS

WARNING: To prevent short-circuiting, disconnect the negative car battery terminal until the whole system has been mounted and connected (fig. 1). See separate installation card. Voltage and polarity: 12 V, negative earth.

- Do not attempt to repair or service the CD changer yourself. Return the unit, plus magazine with the transport screws in place, to your dealer or an **authorised Service Agency** (see addresses at the end of this booklet).
- Temperatures inside the parked car will fluctuate considerably during summer and winter. They should not exceed +70°C or -20°C when operating the CD changer.
- To avoid too high temperature, never install the changer on top of the dashboard or on the rear parcel shelf.
 - If the temperature is too high, a built-in protection mechanism prevents the CD changer from operating until the temperature reaches a safe level. During this time a warning message is displayed by the car radio.



INSTALLATION

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PREPARATION

FIXING MATERIAL SUPPLIED Fig. 2

Only use screws and fixing material supplied!

- A 2 brackets (L) left and (R) right
- B 2 base-plates with screws (M6 x 20) and double-sided self-adhesive tape
- C 4 hexagonal bolts with washer (M5 x 10)
- D 4 hexagonal nuts (M6)
- E 4 tapping screws (5 x 12)
- F 12 round stickers for dust protection
- G 4 dust protection stickers for setting shock absorber mechanisms (CH1000 only)

REMOVING TRANSPORT SCREWS Fig. 3

- ① Remove the three transport screws from the underside of the CD changer.
- ② Clean around the three holes on the CD changer.
- ③ Glue the supplied round stickers F over the holes to prevent dust entering the CD changer.
- ④ Store the three transport screws in the supplied plastic bag.

DETERMINE THE MOUNTING POSITION FOR THE CD CHANGER

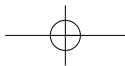
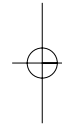
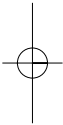
Possible locations are:

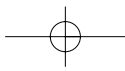
- in the luggage boot (trunk),
- in the glove compartment,
- under the seats or,
- behind the seats of a pick-up truck.

The installation must not interfere with the legroom or influence the safe driving of the vehicle.

If the CD changer is to be mounted in the luggage boot, first install the extension cable (B in Fig. 20) between the dashboard and the luggage boot.

- Ensure that the plug at the dashboard side correctly fits the connector of the car radio adapter cable 1 or 2 (or the cable already fitted to certain types of car radio).
- If you have to drill holes for the extension cable, ensure that the edges of the holes are free from swarf. Provide the holes with a grommet or piece of tape.
- Ensure that the cable is not bent at sharp angles and cannot be damaged by any moving parts in the vehicle.
- Determine the mounting position for the CD changer. Ensure that the CD magazine can easily be inserted and removed!
- Do not mount the unit upside-down if mounted horizontally or at an angle of 45° (Fig. 4 or 5), or on its side if mounted vertically (Fig. 6).
- The opening for the CD magazine must face upwards in case of vertical mounting (Fig. 6).
- The maximum inclination may not exceed 15° from the horizontal or vertical axis (Fig. 4 or 5) or from the 45° position (Fig. 6).





SHOCK ABSORBER ADJUSTMENT

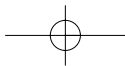
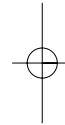
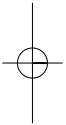
The CD changer is **pre-set** at the factory for horizontal mounting (Fig. 7).

If you mount the CD changer horizontally no adjustment is needed. In this case go to the next section "MOUNTING".

If you mount the CD changer vertically, or at a 45° angle, (or if you later change the mounting angle) you must first change the shock absorber setting.

- Change the position of the setting mechanisms at both sides of the CD changer using a screwdriver.
- For vertical mounting, use position "V" (Fig. 8).
- For mounting at an angle of approx. 45°, use position "45°" (Fig. 9).

After setting the position of the shock absorbers, glue the supplied stickers G over the holes of the setting mechanisms (CH1000 only).



MOUNTING

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Caution: Take care not to drill into the fuel tank, the exhaust pipe system, the catalytic converter or the cables laying behind or below any drilled holes!

- To prevent dust and dirt entering the unit, glue the supplied stickers F over all unused mounting holes of the CD changer (see Figs. 10 and 18).

MOUNTING IN THE LUGGAGE BOOT

- ① Fix brackets A (L) and (R) to the **lower** sides of the CD changer using the hexagonal bolts C (Figs. 10, 11 or 12).
- ② Fix the base-plates with the long hexagonal bolts to the brackets using the hexagonal nuts D (Fig. 13).
- ③ If present, lift the carpet covering the floor of the luggage boot.
- ④ First glue the supplied double-sided self-adhesive tape to the base plates. Then carefully position the CD changer and apply pressure to glue it into place (Fig. 14). The base plates must be glued to a clean, flat surface.

If there is no flat surface in the luggage boot, a wooden mounting board (approx. 10 mm thick) under the carpet should be used instead of the base plates. (Fix the wooden mounting board to the car using three screws). In that case fix the brackets to the board (laying under the carpet) using screws.

- ① Remove the hexagonal nuts D. Lift up the CD changer (Fig. 15).

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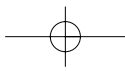
Lay the carpet over the base-plates (or the wooden mounting board) and cut four small crosses in the carpet. Press through the threaded studs (Fig. 16).

- ③ Check that the three transport screws have been removed from the underside of the CD changer!
- ④ Mount the CD changer using the hexagonal nuts D (Fig. 17).

MOUNTING IN SUSPENDED POSITION

The CD changer can also be mounted on the underside of a flat surface, e.g. the rear parcel shelf.

- ① Fix brackets A (L) and (R) to the **upper** sides of the CD changer using the hexagonal bolts C (Fig. 18).
- ② Place the CD changer in the mounting position (Fig. 19).
- ③ Mark positions for four mounting holes (with a felt-tip pen).
- ④ Drill holes of 3.6 mm diameter in the marked positions.
- ⑤ Check that the three transport screws have been removed from the underside of the CD changer!
- ⑥ Hold the CD changer in place and attach it with the tapping screws E.

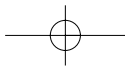
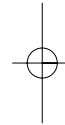
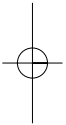


MOUNTING

CONNECTING THE CABLES (Fig. 20)

Only use the cables supplied to connect the CD changer to the car radio!

- ① **Ensure that the negative car battery terminal is disconnected.**
- ② **Connect the car radio as described in the car radio's mounting instructions.**
- ③ **Connect the blue plug C3 of the extension cable to the rear of the car radio (socket C3') (fig. 15). If your car radio does not already have a socket for the suitable connector, consult your dealer for an adapter cable.**
- ④ **Connect the extension cable to the fly lead cable of the CD changer.**
- ⑤ **Reconnect the negative car battery terminal (Fig. 21). Installation is now complete.**

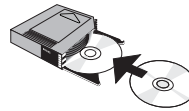


OPERATION

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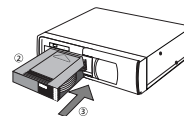
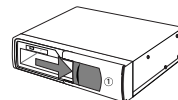
FILLING THE MAGAZINE

- ① Pull the tab on the magazine's disc tray to remove one of the trays.
- ② Place the disc on the tray with its play surface facing up (label surface facing down).
 - Each tray can accommodate only one disc.
 - The CD changer will not function if the discs are placed with the wrong side facing upwards.
- ③ Press the tab on the disc tray to store the tray back in the magazine.
 - Up to 6 or 10 discs can be loaded depending on version.



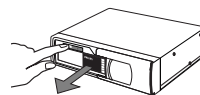
INSERTING THE MAGAZINE

- ① Open the sliding door.
- ② Hold the magazine the correct way up with the narrow side facing the opening of the CD changer as shown.
- ③ Gently push the magazine into the opening of the CD changer (until you hear a click).
- ④ Close the sliding door to prevent dust and dirt from entering the CD changer.



TAKING OUT THE MAGAZINE

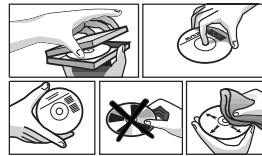
- ① Fully open the sliding door.
- ② Press the EJECT button.
 - The magazine is partially ejected.
- ③ Carefully take out the magazine.
- ④ Close the sliding door.



OPERATION

HANDLING DISCS

- Do not drop discs.
- Keep discs free from dirt and fingerprints.
Scratched discs may cause skipping of music parts.
- Do not glue paper or labels on discs.
- Do not write on discs.
- Do not play damaged or deformed discs.
- Never expose discs to heat or direct sunshine.
- Wipe a dirty disc surface clean with a soft cloth;
move from the centre to the edge.
- Never use publicity CDs!



RESET FUNCTION

If the CD changer does not appear to be functioning correctly, you can reset the unit by pressing the RESET button.

- Take a ballpoint pen and briefly press the RESET button located near the EJECT button.



EMERGENCY EJECT OF THE MAGAZINE

ATTENTION: Under no circumstances use this function when:

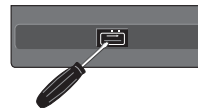
- the CD changer is connected to the power supply,
- a magazine is in the changer and the power supply is still connected.

If you have inserted a CD magazine **without** the CD changer connected to the power supply, you can unlock and remove the magazine:

- ① Fully open the sliding door.
- ②

Through the slit of the transparent sticker on the underside of the CD changer slide the metal lever to the side with a screwdriver.

- The CD magazine is partially ejected and you can remove it.

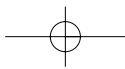


TROUBLESHOOTING

An error made in operation or in the connections is sometimes mistaken for a failure or breakdown. Perform the checks described in the following table before calling a Service Agency.

Symptom	Cause	Remedy
CD-Changer does not react.	Improper connection.	Check connections.
	Blown fuse in the car.	Replace with a fuse of the correct type and amperage (consult car radio instructions). If fuse blows again, consult a Service Agency.
	Software hang-up.	Press Reset button.
Magazine cannot be inserted.	Direction in which it is inserted is wrong.	Insert in correct direction. Pay attention to the printing on the magazine.
CD is not played.	Disc has been loaded upside down.	Load disc with play side facing upwards.
	Large scratches on disc or warped disc.	Insert disc without scratches or which is not warped.
Noise is heard during playback or sound is intermittent.	Scratches on disc.	Compare sound with another disc. If sound from second disc is acceptable, first disc is defective.
	Extremely dirty disc.	Clean disc.
	Transport screws still in place.	Remove screws (x3) on bottom of unit and then use.
	Setting mechanisms of shock absorbers are adjusted in the wrong direction.	Adjust setting mechanisms in proper direction (refer to "Installation" in Operating Instructions).
CD player does not function.	If the weather is cold there may be some condensation on the laser.	Wait for about 5 minutes for the moisture to evaporate.

If you cannot solve the problem and you still have to send your CD changer for service, always send the complete set with magazine and the transport screws in place. Do not try to open the changer to service it yourself.



SPECIFICATIONS

CH 0600

Power requirement:	14.4 V DC (11 – 16 V)
Weight:	2.0 kg
Dimensions (W x H x D):	263mm x 65mm x 175 mm

CH 1000

Power requirement:	14.4 V DC (11 – 16 V)
Weight:	2.2 kg
Dimensions (W x H x D):	263 mm x 83 mm x 179 mm

LASER PRODUCT CLASS 1



WARNING: If the appliance is used in a way differing from that which is specified in the instructions for use, the user may be exposed to invisible laser radiation exceeding the limit of laser class 1.

