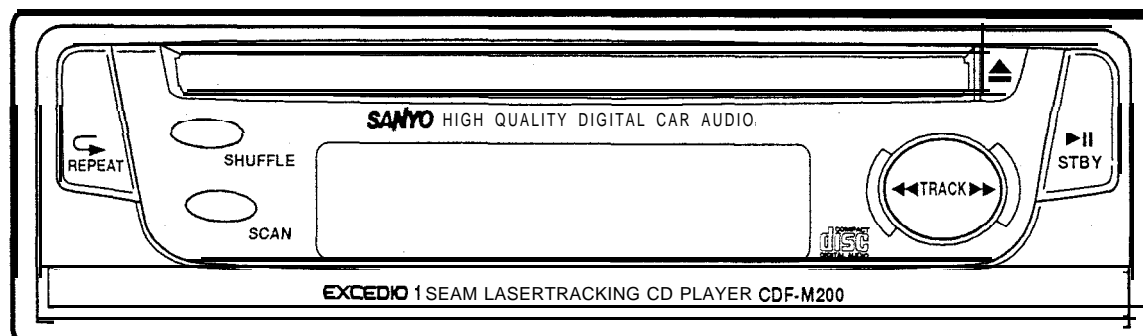


SANYO

CDF-M200

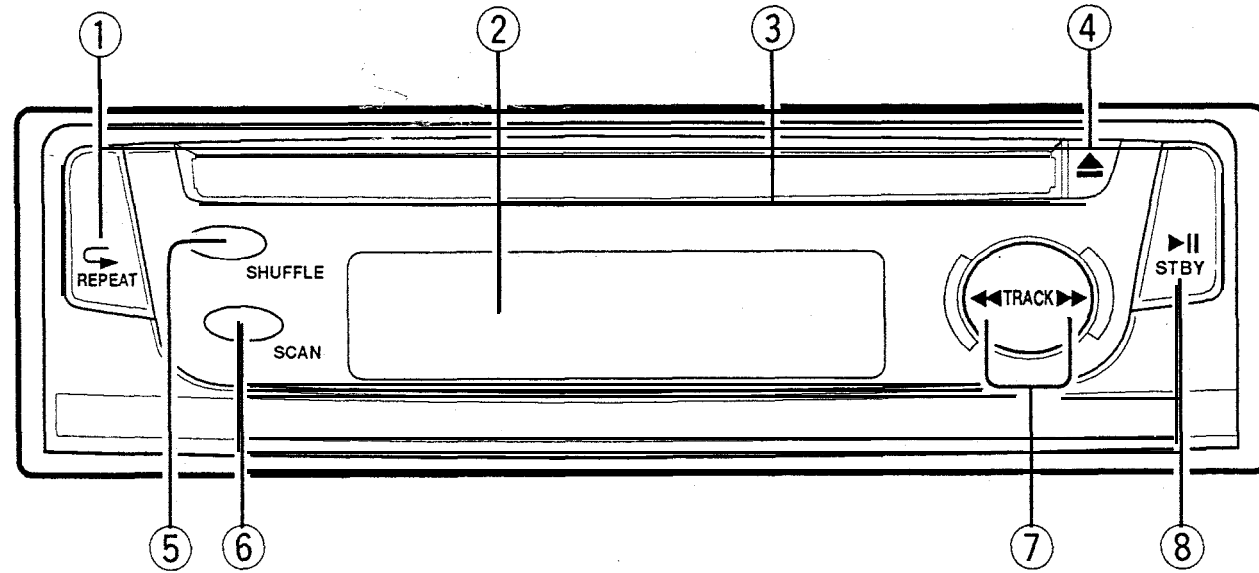
INSTRUCTION MANUAL



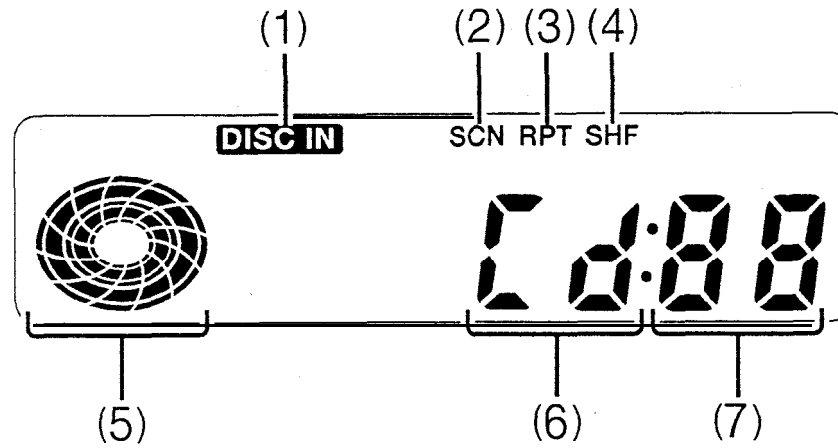
Car CD Player with FM Modulator

COMPACT
disc
DIGITAL AUDIO

LOCATION OF CONTROLS



DIGITAL DISPLAY



CDF-M200: Car CD player with FM modulator, 8/12cm CD compatible, 1 beam laser, automatic loading and ejecting system.

LOCATION OF CONTROLS

- ① Repeat button
- ② Display
- ③ Disc Slot
- ④ Eject button
- ⑤ Shuffle button
- ⑥ Scan button
- ⑦ Track/Skip button
- ⑧ Stand-by button

DIGITAL DISPLAY

- (1) Disc set indicator
- (2) Scan Play indicator
- (3) Repeat Play indicator
- (4) Shuffle Play indicator
- (5) Play indicator
- (6) Disc indicator
- (7) Track No. indicator

OPERATIONS

How to playback CD-Normal playback

1. Turn on the power of your FM car radio or car stereo equipment with FM radio and set the radio frequency to 89.1 MHz. (it is recommended to set one preset button to

FM 89.1 MHz.)
2. Adjust the volume and tone quality with the car radio controls.
3. Insert a compact disc into ③ Disc Slot with the label surface facing up. Playback starts at the beginning of the first track. The "DISC IN" indicator will appear and the track number will be displayed.

After the whole disc has been played The pickup will automatically return to the beginning of the disc and playback will start again.

To stop the playback
Press ⑧ Stand-by button.

To take out the disc
Press ④ Eject button. The disc will come out automatically.
* When you insert the compact disc into ③ Disc Slot again, playback starts from the beginning of the first track.

Notes

- The CDF-M200 plays an 8cm CD just like a 12cm CD without an adapter.
- As the CDF-M200 is designed to use the existing car FM radio or car stereo equipment with an FM radio, the playback tone quality depends on the performance of these sets.

To select a track
Display the number of the track to be heard using ⑦ Track/Skip button.
To advance to the next track, press (▶▶) side.
To return to the preceding track, press (◀◀) side twice quickly.
* Pressing (◀◀) side once returns play to the beginning of the track currently being played.

To skip to a particular part of a track
Press and hold ⑦ Track/Skip button to advance quickly in the forward or the backward direction. When you release the button, this function stops.
To advance in the forward, press and hold (▶▶) side.
To advance in the backward, press and hold (◀◀) side.
* When it reaches to the end or the beginning of the disc, the unit enters Pause mode.

Repeat play

Press ① Repeat button to repeat the track currently being played. The "RPT" indicator will appear and the track will be played again and again until you press the button again.

Scan play

When ⑥ Scan button is pressed, "SCN" indicator will appear and the beginning of each consecutive track will be played for

approximately 10 seconds. When you find a track to which you wish to listen, press the button again to cancel the Scan play and resume normal play.

Shuffle play

When ⑤ Shuffle button is pressed, "SHF" indicator will appear and the tracks on the disc are played in a random order. When all the tracks have been played, they will be played again in a different random order. To cancel the Shuffle play, press the button again.

How to stop playing the CD and listen to the radio

1. Press ⑧ Stand-by button once. The CDF-M200 will be turned off and the radio mode will be set.
2. Tune the radio to a desired station and receive a broadcast.

To resume CD play

Tune the radio to FM 89.1 MHz and press ⑧ Standby button of the CDF-M200. Play will resume from the point at which it stopped.

INSTALLATION

Before installation

- When mounting the unit in your car, make sure the unit is level. If you can not mount the unit level due to your cars design,

make sure there is no more than 30° tilt.

- In order to protect the disc player from shocks during shipping, a shipping screw is attached to the disc player. Remove the screw. The player can not play a disc with the screw in.

How to install (See page 5.)

1. Install the supplied trim panel (Fig.1-①) to the unit. (Fig.1-②)
2. Insert the supplied mounting bracket (Fig.1-③) into DIN-standard Cutout 182 x 53 mm in the dashboard or a console.
3. Bend the stoppers of the mounting bracket to the out side until the bracket is tightened in the cutout (Fig.2).
4. Insert the unit into the mounting bracket until it locks in place.

CONNECTION (See page 6.)

Wire colour code

RED: Connect this wire to a terminal that receives power while the ignition switch is ON or in the Accessory (ACC) position- Never connect the wire to the car battery directly or the car battery may be drained.
Note: If the vehicle does not have an ACC terminal, connect this wire to a terminal which receives 12V power while the ignition switch is On, and stands 4A or more of electric current.
YELLOW: Connect this wire to + 12V

- Extremely hot places, such as those exposed to direct sunlight or hot air coming directly from a heater

- Damp places or those where the player can get wet, such as places exposed to blowing rain

- Dusty locations

③ When cleaning out the car, be sure not to get any water on the player because it can be damaged.

④ Sometimes the player will not function properly in extreme heat or cold. In this case, wait until the temperature in the car is more normal, then use the player. Closed up cars in summer get very hot. If the temperature inside the player goes above its reference temperature, a protective circuit automatically stops the play and ejects the disc. In this case, open the window to cool off the car, then start up the player again.

⑤ Condensation

During cold weather, moisture drops sometimes form on the optical lens of the disc player after the heater is turned on. This is called condensation. On a rainy day or in a very damp area, moisture may condense on the laser lenses inside the unit. With this condensation on the lens, the disc player cannot read the disc and therefore cannot function properly. The time required depends on the surroundings, but if you remove the disc from the player and wait for about an hour, the condensation will

evaporate and the disc player will be able to function properly again.

⑥ Sound Skip

If you are driving on a rough road, sound may sometimes be skipped. It is inevitable and will not cause any damage, disc scratches etc.

⑦ Never put any other object in the Disc slot for compact discs. The inside of the disc player is precision equipment that could be damaged by any foreign objects.

⑧ When not using the disc player, do not forget to remove the compact disc. Do not leave an ejected disc sitting on the edge of the disc player for a long time. This can expose the disc to direct sunlight and other causes of warping. Keep the discs in their cases away from direct sunlight.

⑨ To prevent accidents, keep the sound low enough to enable you to hear outside sound when driving.

⑩ Do not try to open the disc player nor to repair it. The inside of the disc player is precision equipment, so if there is any problem, bring it to the store where you purchased it for servicing.

⑪ Do not attempt to clean the unit with chemical solvents as this might damage the finish. Use a clean, dry cloth.

HANDLING THE DISCS

Dirt, dust, scratches and deformation

cause sound skips during playback and a deterioration of sound quality.

How to take care of your discs:

① Use compact discs that have the mark shown on the right.



② Fingerprints and dust should be carefully wiped off the disc's signal surface (glossy side) with a soft cloth. Unlike conventional records, the compact disc has no grooves to collect dust and microscopic debris, so gently wiping with a soft cloth should remove most particles. Wipe in a straight motion from the inside to the outside of the disc. Small dust particles or light stains will have absolutely no effect on reproduction quality.

③ Never use such chemicals as record sprays, antistatic sprays or fluid, benzene or thinner to clean compact discs. Such chemicals would irreparably damage the disc's plastic surface.

④ Discs should be put back in their cases after use to avoid serious scratches that could cause sound skip.

⑤ Do not expose discs to direct sunlight, high humidity, or high temperatures for extended periods of time. Long exposure to high temperatures can warp the disc.

⑥ Do not stick paper or write anything with a ball-point pen on the disc surface.

INSTALLATION

SET REMOVAL

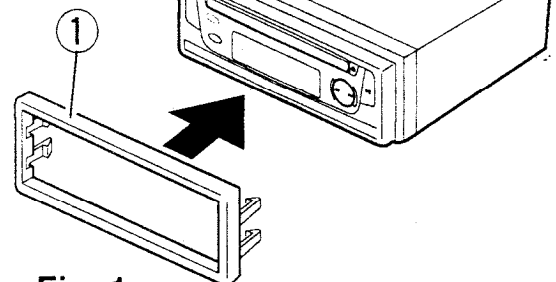


Fig. 1

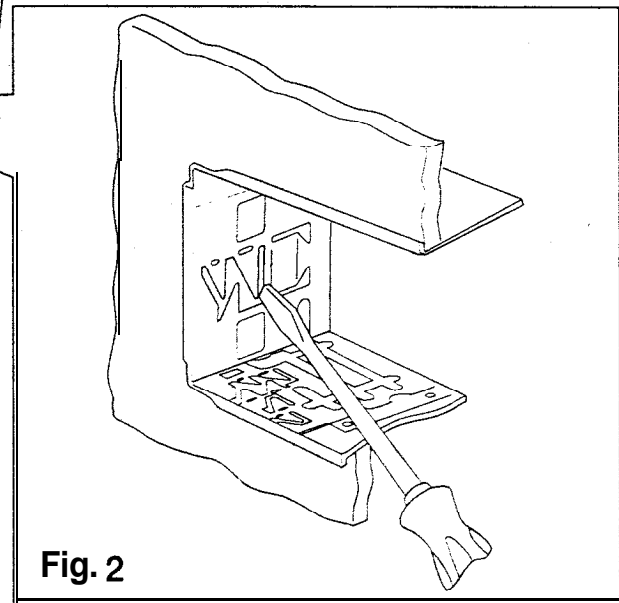
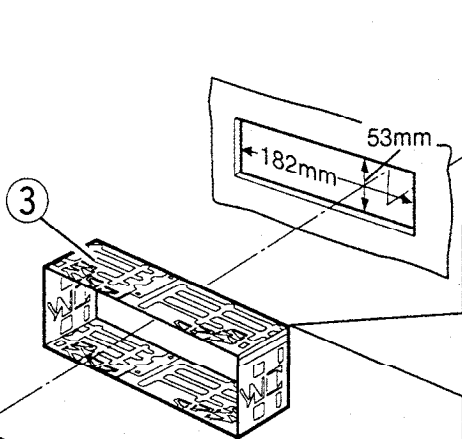
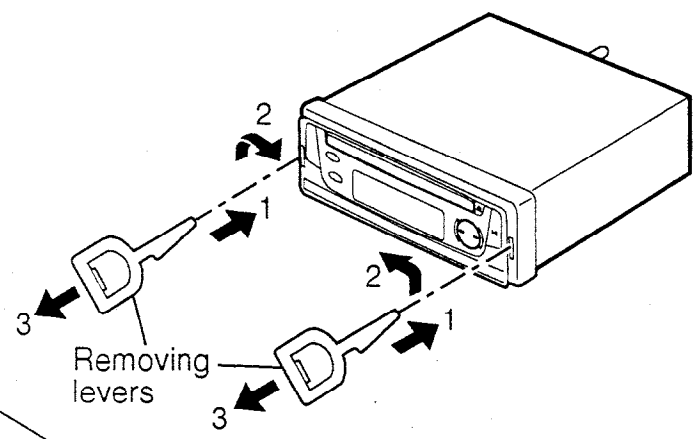


Fig. 2



Removing levers

Fig. 3

CONNECTIONS

