//////ALPINE®

CDM-7892R

FM/MW/LW/RDS CD Receiver

- OWNER'S MANUAL
  Please read before using this equipment.

- BEDIENUNGSANLEITUNG
  Lesen Sie diese Bedienungsanleitung bitte vor
  Gebrauch des Gerätes.

- MODE D'EMPLOI
  Veuillez lire avant d'utiliser cet appareil.

- MANUAL DE OPERACIÓN
  Léalo antes de utilizar este equipo.

- ISTRUZIONI PER L'USO
  Si prega di leggere prima di utilizzare il
  attrezzatura.

- ANVÄNDARHANDLEDNING
  Innan du använder utrustningen bör du läsa
  igenom denna användarhandledning.

MX **COMPACT disc DIGITAL AUDIO**

CHA-S634

CHA-1214

CHM-S630
- CD changer for CDM-7892R
- CD-Wechsler für CDM-7892R
- Changeur CD pour CDM-7892R
- Cambiador de CD para CDM-7892R
- Cambia CD per CDM-7892R
- CD-växlare för CDM-7892R

Alpine CD Changers Give You More!
More musical selections, more versatility, more convenience.
The CHA-S634 is a high-performance 6-disc changer with a new M DAC, CD-R/RW PLAY BACK, MP3 PLAY BACK and CD TEXT. The CHA-1214 Ai-NET model holds 12 discs, and the CHM-S630 M-Bus model is a super-compact 6-disc changer with a CD-R/RW PLAY BACK.

> **NOTE**
> *The CHA-S634 model can be connected to the M-Bus model Head Unit using the optional M-Bus/Ai-NET compatible cable. (KCA-130B)*

Von Alpine CD-Wechslern haben Sie mehr!
Mehr Musikauswahl, mehr Vielseitigkeit, mehr Komfort.
Der CHA-S634 ist ein Hochleistungs-Wechsler für 6 CDs mit dem neuen M-DAC, mit CD-R/RW- und MP3-Wiedergabefunktion und mit CD-TEXT. Der CHA-1214 ist ein Ai-NET-Modell für 12 CDs. Der M-Bus-kompatible CHM-S630 ist ein superkompakter Wechsler für 6 CDs mit CD-R/RW-Wiedergabefunktion.

> **HINWEIS**
> *Das Modell CHA-S634 kann mit einem M-Bus-/Ai-NET-kompatiblen Kabel (KCA-130B) an das zusätzlich erhältliche M-Bus-Hauptgerät angeschlossen werden.*

Changeurs de CD Alpine : vous avez le choix!
Plus de sélections musicales, plus de souplesse, plus de confort.
Le modèle CHA-S634 est un changeur 6 disques ultra performant équipé des nouvelles fonctions M DAC, CD-R/RW PLAY BACK, MP3 PLAY BACK et CD TEXT. Le modèle CHA-1214 Ai-NET contient 12 disques. Le modèle CHM-S630 M-Bus est un changeur 6 disques super compact doté de la fonction CD-R/RW PLAY BACK.

> **REMARQUE**
> *Le modèle CHA-S634 peut être raccordé à l'appareil principal du modèle M-Bus en option à l'aide du câble compatible M-Bus/Ai-NET (KCA-130B).*

¡Los cambiadores Alpine de CD le ofrecen más!
Más selecciones musicales, más versatilidad y más ventajas.
CHA-S634 es un cambiador de seis discos de alto rendimiento con nuevo M DAC, CD-R/RW PLAY BACK, MP3 PLAY BACK y CD TEXT. El modelo CHA-1214 Ai-NET alberga 12 discos y el modelo CHM-S630 M-Bus es un cambiador de seis discos de tamaño reducido con un CD-R/RW PLAY BACK.

> **NOTA**
> *El modelo CHA-S634 se puede conectar a la unidad principal del modelo opcional M-Bus utilizando el cable compatible M-Bus/Ai-NET. (KCA-130B)*

I caricatori CD Alpine danno di più!
Più scelta, più versatilità, più comodità.
Il modello CHA-S634 è un caricatore a 6 dischi ad elevate prestazioni dotato di un nuovo M DAC, CD-R/RW PLAY BACK, MP3 PLAY BACK e CD TEXT. Il modello CHA-1214 Ai-NET è in grado di contenere 12 dischi, il modello CHM-S630 M-Bus è un caricatore a 6 dischi ultra compatto dotato di un CD-R/RW PLAY BACK.

> **NOTA**
> *Il modello CHA-S634 può essere collegato all'unità principale modello M-Bus mediante il cavo M-Bus/Ai-NET compatibile (KCA-130B).*

Alpines CD-växlare ger mer!
Fler musikval, mer variation, större bekvämlighet.
CHA-S634 är en växlare för 6 skivor med mycket höga prestanda och en ny M D/A-omvandlare samt uppspelning av CD-R/RW, MP3 och CD TEXT. CHA-1214 Ai-NET rymmer 12 skivor. CHM-S630 M-Bus är en mycket kompakt växlare med kapaciteten 6 skivor med uppspelning av CD-R/RW PLAY BACK.

> **Obs!**
> *CHA-S634 kan inte anslutas till M-Bus Huvudenhet (tillval) med en M-Bus/Ai-NET-kompatibel kabel. (KCA-130B)*

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⚠ WARNING

⚠ WARNING

This symbol means important instructions. Failure to heed them can result in serious injury or death.

DO NOT OPERATE ANY FUNCTION THAT TAKES YOUR ATTENTION AWAY FROM SAFELY DRIVING YOUR VEHICLE.

Any function that requires your prolonged attention should only be performed after coming to a complete stop. Always stop the vehicle in a safe location before performing these functions. Failure to do so may result in an accident.

KEEP THE VOLUME AT A LEVEL WHERE YOU CAN STILL HEAR OUTSIDE NOISE WHILE DRIVING.

Failure to do so may result in an accident.

DO NOT DISASSEMBLE OR ALTER.

Doing so may result in an accident, fire or electric shock.

USE ONLY IN CARS WITH A 12 VOLT NEGATIVE GROUND.

(Check with your dealer if you are not sure.) Failure to do so may result in fire, etc.

KEEP SMALL OBJECTS SUCH AS BATTERIES OUT OF THE REACH OF CHILDREN.

Swallowing them may result in serious injury. If swallowed, consult a physician immediately.

USE THE CORRECT AMPERE RATING WHEN REPLACING FUSES.

Failure to do so may result in fire or electric shock.

DO NOT BLOCK VENTS OR RADIATOR PANELS.

Doing so may cause heat to build up inside and may result in fire.

USE THIS PRODUCT FOR MOBILE 12V APPLICATIONS.

Use for other than its designed application may result in fire, electric shock or other injury.

DO NOT PLACE HANDS, FINGERS OR FOREIGN OBJECTS IN INSERTION SLOTS OR GAPS.

Doing so may result in personal injury or damage to the product.

⚠ CAUTION

This symbol means important instructions. Failure to heed them can result in injury or material property damage.

HALT USE IMMEDIATELY IF A PROBLEM APPEARS.

Failure to do so may cause personal injury or damage to the product. Return it to your authorized Alpine dealer or the nearest Alpine Service Centre for repairing.

⚠ PRECAUTIONS

Temperature

Be sure the temperature inside the vehicle is between +60°C (+140°F) and –10°C (+14°F) before turning your unit on.

Moisture Condensation

You may notice the CD playback sound wavering due to condensation. If this happens, remove the disc from the player and wait about an hour for the moisture to evaporate.

Damaged Disc

Do not attempt to play cracked, warped, or damaged discs. Playing a bad disc could severely damage the playback mechanism.

Maintenance

If you have problems, do not attempt to repair the unit yourself. Return it to your Alpine dealer or the nearest Alpine Service Station for servicing.

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Never Attempt the Following

Do not grip or pull out the disc while it is being pulled back into the player by the automatic reloading mechanism.

Do not attempt to insert a disc into the unit when the unit power is off.
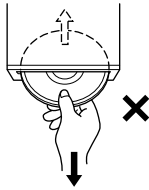
Inserting Discs

Your player accepts only one disc at a time for playback. Do not attempt to load more than one disc.

Make sure the label side is facing up when you insert the disc. Your player will automatically eject any disc that is inserted incorrectly. If the player continues to eject a correctly inserted disc, push the Reset switch with a pointed object such as a ballpoint pen.

Playing a disc while driving on a very bumpy road may result in skips, but this will not scratch the disc or damage the player.

New Discs

As a protective measure to prevent the CD from jamming, the CD player will automatically eject discs with irregular surfaces or inserted incorrectly. When a new disc is inserted into the player and ejected after initial loading, using your finger, feel around the inside of the centre hole and outside edge of the disc. If you feel any small bumps or irregularities, this could inhibit proper loading of the disc. To remove the bumps, rub the inside edge of the hole and outside edge of the disc with a ballpoint pen or other such instrument, then insert the disc again.

Centre Hole

Bumps

Centre Hole

New Disc

Outside (Bumps)
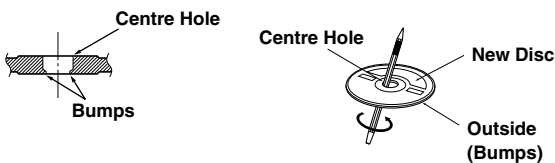
Irregular Shaped Discs

Be sure to use round shape discs only for this unit and never use any special shape discs.

Use of special shape discs may cause damage to the mechanism.
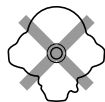
Installation Location

Make sure the CDM-7892R will not be installed in a location subjected to:

• Direct sun and heat
• High humidity and water
• Excessive dust
• Excessive vibrations

Handling the Detachable Front Panel

• Do not expose to rain or water.
• Do not drop or apply shock.

Correct Handling

Do not drop the disc while handling. Hold the disc by its edge so that no fingerprints are left on the surface. Do not affix tape, paper, or gummed labels to the disc. Do not write on the disc.

CORRECT

INCORRECT

CORRECT
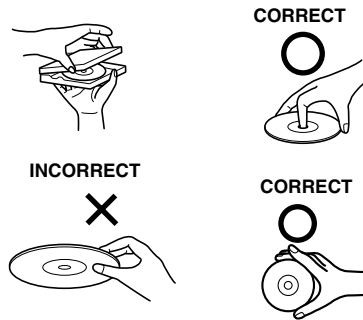
Disc Cleaning

Fingerprints, dust, or soil on the surface of the disc could cause the CD player to skip. For routine cleaning, wipe the playing surface with a clean, soft cloth from the centre of the disc to the outer edge. If the surface is heavily soiled, dampen a clean, soft cloth in a solution of mild neutral detergent before cleaning the disc.

Disc Accessories

There are various accessories available on the market for protecting the disc surface and improving sound quality. However, most of them will influence the thickness and/or diameter of the disc. Using such accessories can cause the disc to be out of standard specifications and may create operational problems. We recommend not using these accessories on discs played in Alpine CD players.

Transparent Sheet

Disc Stabilizer

Basic Operations

POWER   DISP   RESET   MODE(Rotary encoder)

MUTE   ANGLE▲▼
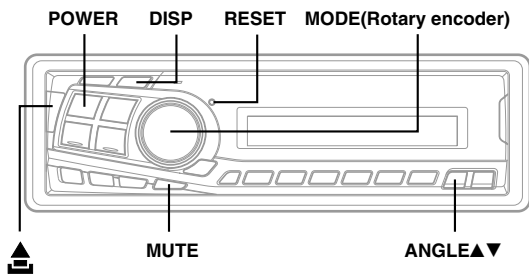
Detaching the Front Panel

1 Press and hold the **POWER** button for at least 3 seconds to turn off the power.

2 Press the ⏏ (Release) button at left side until the front panel pops out.

3 Grasp the left side of the front panel and pull it out.
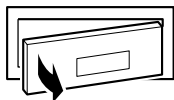
NOTES
- *The front panel may become hot in normal usage (especially the connector terminals), this is not a malfunction.*
- *To protect the front panel, place it in the supplied carrying case.*
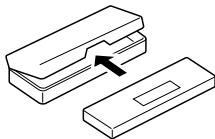
Attaching the Front Panel

1 First, insert the right side of the front panel into the main unit. Align the groove on the front panel with the projection on the main unit.

2 Push the left side of the front panel until it locks firmly into the main unit.
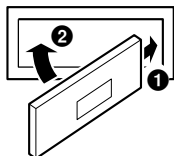
NOTES
- *Before attaching the front panel, make sure that there is no dirt or dust on the connector terminals and no foreign object between the front panel and the main unit.*
- *Attaching the front panel carefully, holding the sides of the front panel to avoid pushing buttons by mistake.*

- **Controllable With Remote Control**
  This unit can be controlled with an optional Alpine remote control. For details, consult your Alpine dealer. Point the optional remote control transmitter at the remote control sensor.

  Remote control sensor
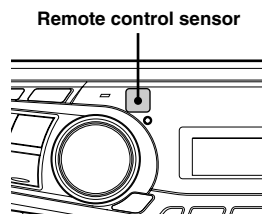
- **Connectable to Remote Control Interface Box**
  You can operate this unit from the vehicle's control unit when an Alpine Remote Control Interface Box (optional) is connected. For details, contact your Alpine dealer.

Initial System Start-Up

Be sure to press the RESET switch when using the unit for the first time, after installing the CD changer, etc., or after changing the car battery.

1 Make sure that the power of the unit is off. If the power is on, press and hold the **POWER** button for at least 3 seconds to turn off the unit.

2 Press the **RESET** switch with a ballpoint pen, or any other pointed object.

About Demonstration

This unit is equipped a Demonstration function. Soon after resetting the unit or after turning the unit on the first time, the demonstration starts automatically. To cancel the demonstration, refer to "Demonstration" on page 18.

Turning Power On and Off

1 Press the **POWER** button to turn on the unit.

NOTE

The unit can be turned on by pressing any other button except the eject ⏏ button.

The volume level gradually increases to the previous level you were listening to before the unit was turned off.
Press and hold the **POWER** button again for at least 3 seconds.

NOTE

The very first time the power is turned on, the volume will start from level 12.

Display Angle Adjustment
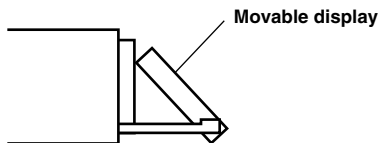
Movable display

The movable display may be adjusted to 3 different angles depending upon user preference.

1 Press the **ANGLE ▲▼** button to adjust the angle of the movable display.

NOTES

- *The display will close a half minute after the ignition key is turned to the OFF position.*
- *The adjusted angle of the display is stored in memory. There is no need to re-adjust the angle when the power is turned back on.*

CAUTION

Keep hands (or any other object) away from the display while it is opening or closing to avoid damage or injury. The back of the movable display will get very warm under normal operating conditions. This is not a malfunction. Do not touch.

Adjusting Volume/Balance (Between Left and Right)/Fader (Between Front and Rear)/Defeat

1 Press the **MODE (Rotary encoder)** button repeatedly to choose the desired mode.
Each press changes the modes as follows:

→ Volume → Subwoofer* → Balance → Fader → Defeat

Volume   :0~35
Balance   :L15~R15
Fader   :R15~F15
Subwoofer :0~+15

NOTES

- *If the Rotary encoder is not turned in 5 seconds after selecting the BALANCE, FADER, DEFEAT and SUBWOOFER modes, the unit automatically sets in the VOLUME mode.*
- *∗When the subwoofer is set to OFF, the level of the subwoofer cannot be adjusted.*

2 Turn the **Rotary encoder** until the desired sound is obtained in each mode.
By setting Defeat ON, previously adjusted setting of Bass, Treble will return to the factory defaults, but MX will be turned off.

Audio Mute Function

Activating this function will instantly lower the volume level by 20 dB.

1 Press the **MUTE** button fto activate the MUTE mode.
The audio level will decrease by about 20 dB.
Pressing the MUTE button again will bring the audio back to its previous level.

Changing the Audio Level Display ON/OFF

1 Press **DISP** button to change the Audio Level display ON/OFF.

Basic Operation

I◄◄ DN   BAND   Rotary encoder

►►I UP X-OVER   CENTER f

Setting the Bass Control

You can change the Bass Frequency emphasis to create your own tonal preference.

1 Press the **CENTER f** button to select the BASS (bass Centre frequency) control mode.

→ BASS → TREBLE → normal mode ⌐

2-1 Setting the bass Centre frequency:
Press the **I◄◄ DN** or **►►I UP** button to select the desired bass centre frequency.

⌐→ 60Hz → 80Hz → 100Hz → 200Hz ⌐

Emphasizes the displayed Bass frequency ranges.

2-2 Setting the bass Band Width (Q-Factor):
Press the **BAND** button to select the desired bass Band Width.

→ B.Width1 → B.Width2→ B.Width3 → B.Width4 ⌐
(Wide)← .... →(Narrow)

Changes the bass boost band width to narrow or wide. A wide setting will boost a wide range of frequencies above and below the centre frequency. A narrower setting will boost only frequencies near the centre frequency.
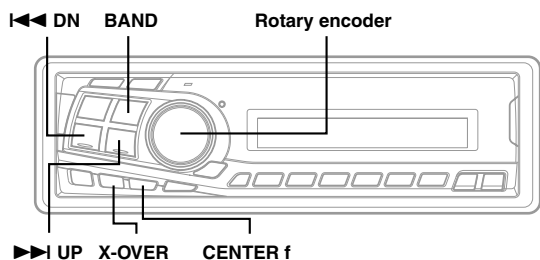
2-3 Setting the bass Level:
Turn the **Rotary encoder** to select the desired bass Level (-7~+7).
You can emphasize or weaken the bass frequency.

NOTES
- *If no buttons are pressed within 15 seconds, the Bass control setting will be turned off automatically.*
- *The settings of the Bass Level will be individually memorized for each source (FM, MW (LW), CD, etc.) until the setting is changed. Once you set Bass frequency and Bass Band Width for one of sources (FM, MW (LW), CD, etc.), this setting becomes effective for all those sources.*
- *This function is inoperable when DEFEAT is ON.*

Setting the Treble Control

You can change the Treble Frequency emphasis to create your own tonal preference.

1 Press the **CENTER f** button select on the TREBLE (treble Centre frequency) control mode.

→ BASS → TREBLE → normal mode ⌐

2-1 Setting the treble Centre frequency:
Press **I◄◄ DN** or **►►I UP** button to select the desired treble centre frequency.

⌐→ 10kHz → 12.5kHz → 15kHz → 17.5kHz ⌐

Emphasizes the displayed Treble frequency ranges.

2-2 Setting the treble Level:
Turn the **Rotary encoder** to select the desired Treble Level (-7~+7).
You can emphasize the treble frequency.

NOTES
- *If no buttons are pressed within 15 seconds, the Treble control setting will be turned off automatically.*
- *The settings of the Treble Level will be individually memorized for each source (FM, MW (LW), CD, etc.) until the setting is changed. Once you set Treble frequency for one of sources (FM, MW (LW), CD, etc.), this setting becomes effective for all those sources.*
- *This function is inoperable when DEFEAT is ON.*

Adjusting the built-in Crossover

The High and Low Pass Filters on this unit can be adjusted to suit your personal taste.

1 Press and hold the **X-OVER** button for at least 2 seconds.

→ HPF —<Press momentarily>→ LPF∗ —<Press momentarily>→

⌐—<Press for at least 2 seconds>— normal mode ←

∗ When the subwoofer output of this unit is turned OFF, LPF and phase are deactivated.

2 Press the **DN I◄◄** or **►►I UP** button to select the desired setting.

1. HPF (Setting the High Pass Filter):
FLAT (OFF) ←→ 80Hz ←→ 120Hz ←→ 160Hz

Outputs all frequencies higher than that selected according to your preference.

2. LPF (Setting the Low Pass Filter):
FLAT (OFF) ←→ 80Hz ←→ 120Hz ←→ 160Hz

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Outputs all frequencies lower than that selected according to your preference.
(Only available when using the subwoofer output from this unit.)

NOTES
- *If you turn the battery power OFF, all settings return to factory default.*
- *If HPF, LPF, Bass Control and Treble Control are all set to ON, depending on the Bass Control and Treble Control settings, you may not be able to reinforce the sound effect.*
- *Except when the HPF and LPF is turned OFF, the subwoofer is in monaural mode.*
- *When the subwoofer is set to OFF, LPF mode and change of phase does not work.*
- *If no buttons are pressed within 15 seconds, the display for setup menu disappears while an ordinary menu appears on the display.*
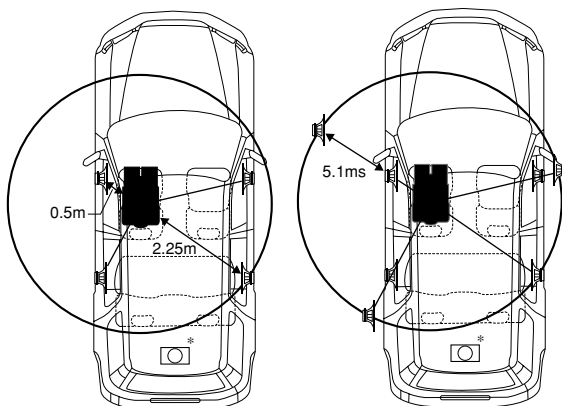
About the Time Correction

The distance between the listener and the speakers in a car vary widely due to the special conditions of the mobile environment. This difference in the distances from the speakers to the listener creates a shift in the sounds image and frequency characteristics. This is caused by the time delay between the sound reaching the listener's right versus the left ear.
To correct this, the CDM-7892R is able to delay the audio signal to the speakers closest to the listener. This effectively creates a perception of increased distance for those speakers. The listener can be placed at an equal distance between the left and right speakers for optimum staging. The adjustment will be made for each speaker in a step of 0.1 ms.

Example 1. Listening Position: Front Left Seat
Adjust the time correction level of the front left speaker to a high value and the rear right to zero or a low value.

Here we calculate the time correction value for the front left speaker in the diagram at the left.
Conditions:
   Farthest Speaker – listening position: 2.25 m (88-9/16")
   Front left speaker – listening position: 0.5 m (19-11/16")
   Calculation: L = 2.25 m – 0.5 m = 1.75 m (68-7/8")
   Time correction = 1.75 ÷ 343* × 1000 = 5.1 (ms)
*Speed of sound: 343 m/s (765 mph) at 20˚C

In other words, giving the front left speaker a time correction value of 5.1 ms makes it seem as if the distance to the front left speaker is the same as the distance to the farthest speaker.

The sound is not balanced because the distance between the listening position and the various speakers is different. The difference in distance between the front left speaker and the rear right speaker is 1.75 m (68-7/8").

Time correction eliminates the differences in the time required for the sound to reach the listening position. The time of the front left speaker is corrected by 5.1 ms so that its sound reaches the listening position at the same time as the sound of other speakers.

Example 2. Listening Position: All Seats
Adjust the time correction level of each speaker to almost the same level.

1 Sit in the listening position (driver's seat, etc.) and measure the distance (in meters) between your head and the various speakers.

2 Calculate the difference between the distance to the farthest speaker and the other speakers.
   L = (distance to farthest speaker) – (distance to other speakers)

3 Divide the distances calculated for the speakers by the speed of sound (343 m/s (765 mph) at 20˚C). These values are the time correction values for the different speakers.

Tips
   * Subwoofer speaker.
   You cannot change the Time Correction value for the subwoofer, but you can set the subwoofer's apparent position to the front by adjusting the Time Correction value of the front and rear speakers.
   For details, refer to the "Tips" on page 8.

Basic Operation

SOURCE BAND   Rotary encoder

MX   T.CORR
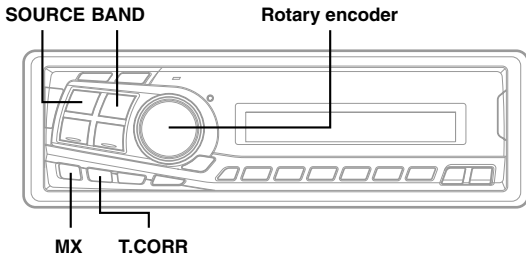
Bass Focus

The time difference between the front-rear/left-right speakers, can be adjusted at the same time. With an initial delay of 0.1 ms for each of the 0 to 99 steps, audible time correction can be done.

1 Press the **T.CORR** button to select the Bass Focus mode.

→ Bass Focus mode → Time correction mode —

Normal mode ←
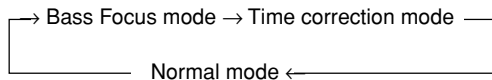
2 Press the **BAND** button to select the front-rear / left-right speakers.

Front (left-right) speakers

Left (front-rear) speakers

Rear (left-right) speakers

Right (front-rear) speakers
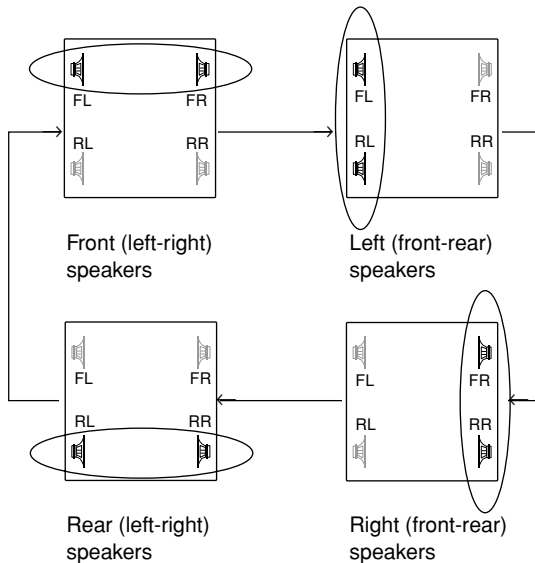
3 Turn the **Rotary encoder** to adjust the front-rear / left-right delay.

4 For setting another channel (speaker), repeat the steps 2 and 3.

5 After setting, press the **T.CORR** to return to the normal mode.

NOTES
- *Any manual time correction adjustments will also affect corrections made in Bass Focus.*
- *Time Correction mode is automatically cancelled if no buttons are pressed within 15 seconds.*

Example of Steps 2 and 3 Setting

(1) After entering corrections for the front (left and right) speakers in STEP 15, the time difference is 1.5 ms for both front-left and front-right speakers.

1.5ms   1.5ms
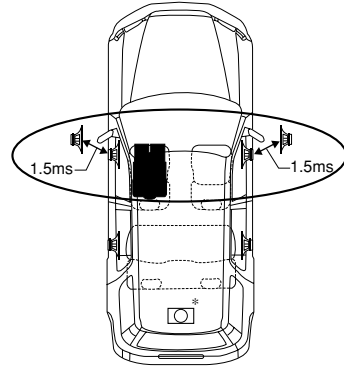
(2) After entering corrections for the left (front and rear) speakers in STEP 15, the time difference becomes 3.0 ms* for the front left speaker and 1.5 ms for the left rear speaker.

  * Because the time difference was already set to 1.5 ms for the front left speaker in STEP 1, the additional correction in STEP 15 makes the time difference of the front left speaker 3.0 ms.

3.0ms

1.5ms
1.5ms   1.5ms

1.5ms
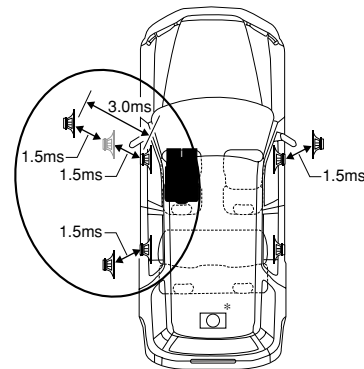
Tips
* Subwoofer speaker.
  Delay (turn the rotary encoder) the audio signal to the front (left and right) speakers to make the apparent position of the subwoofer to be at the front. In doing this, the apparent position between the front (left and right) speakers and subwoofer will appear equal to the driver. After performing above, you can change the positions of left and right speakers by delaying the time .

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Time Difference Table

Number of Steps	Time Difference (ms)	Number of Steps	Time Difference (ms)	Number of Steps	Time Difference (ms)
0	0.0	14	1.4	28	2.8
1	0.1	15	1.5	29	2.9
2	0.2	16	1.6	30	3.0
3	0.3	17	1.7	31	3.1
4	0.4	18	1.8	32	3.2
5	0.5	19	1.9	33	3.3
6	0.6	20	2.0	34	3.4
7	0.7	21	2.1	35	3.5
8	0.8	22	2.2	36	3.6
9	0.9	23	2.3	37	3.7
10	1.0	24	2.4	38	3.8
11	1.1	25	2.5	39	3.9
12	1.2	26	2.6	40 - 98	4.0 - 9.8
13	1.3	27	2.7	99	9.9

Time Correction

Before performing the following procedures, refer to "About the Time Correction" (page 7).

1 Make time corrections by pressing the **T.CORR** button. Each press changes the modes as follows:

→ Bass Focus mode → Time correction mode →
— Normal mode ←

2 Select a speaker to be adjusted by pressing the **BAND** button.

→ F – L → F – R → R – L → R – R →

3 Adjust the desired time correction value by turning the **Rotary encoder**.

4 For setting another speaker, repeat the step 2 and 3.

5 After setting, press the **Rotary encoder** to return to the normal mode.

NOTE
Time Correction mode is automatically cancelled if no buttons are pressed within 15 seconds.

Setting the MX Mode

MX (Media Xpander) makes vocals or instruments sound distinct regardless of the music source. The radio and CD will be able to reproduce the music clearly even in cars with a lot of road noise.

1 Press the **MX** button to select ON.

2 Press the **SOURCE** button to select the source you want to MX (Media Xpander)-correct.

3 Press and hold the **MX** button for at least 2 seconds to select the MX mode.

4 Turn the **Rotary encoder** to select your preferred mode or OFF.

FM (MX level 1 to 3):
The medium to high frequencies become more clear, and produces well balanced sound in all the bands.
CD (MX level 1 to 3):
CD mode processes a large quantity of data. This data is used to reproduce the sound cleanly by making use of the data quantity.
AUX (MX level 1):
Choose the MX mode (MP3, MUSIC, or MOVIE) that corresponds to the media connected.

5 After setting, press the **Rotary encoder** to return to the normal mode.

NOTES
- *To cancel MX mode for all music sources, press the MX button to turn MX off.*
- *MX mode is automatically cancelled if no buttons are pressed within 15 seconds.*
- *You can set a mode by each music source, such as radio, CD.*
- *You cannot set the MX mode while RDS is active.*
- *Setting to MX OFF makes MX mode of each music source OFF.*
- *This function is inoperable when DEFEAT is ON.*

Radio Operations

SOURCE   TUNE/A.ME   BAND

I◀◀ DN   ▶▶I UP   F   **Preset buttons (1 through 6)**

Manual Tuning

1 Press the **SOURCE** button to select the radio mode.

2 Press the **BAND** button repeatedly until the desired radio band is displayed.
Each press changes the band:

→ F1(FM1) → F2(FM2) → MW → LW ─

3 Press the **TUNE** button repeatedly until "DX SEEK" and "SEEK" disappear from the display.

NOTE
The initial mode is DX SEEK.

4 Press the I◀◀ **DN** or ▶▶I **UP** button to move downward or upward one step respectively until the desired station frequency is displayed.

NOTE
The ST indicator appears on the display when a Stereo FM station is tuned in.

Automatic Seek Tuning

1 Press the **SOURCE** button to select the radio mode.

2 Press the **BAND** button repeatedly until the desired radio band is displayed.
Each press changes the band:

→ F1(FM1) → F2(FM2) → MW → LW ─

3 Press the **TUNE** button to illuminate the DX and SEEK indicators in the display.
The SEEK indicator illuminates. With the DX mode activated, both strong and weak stations will be tuned in the Auto-Seek operation.
Press again to return to the local mode. The DX indicator will turn off and the SEEK indicator will illuminate for a few seconds. Now, only strong stations will be tuned.

4 Press the I◀◀ **DN** or ▶▶I **UP** button to automatically seek a station downward or upward respectively.
The unit will stop at the next station it finds.
Press the same button again to seek the next station.

Manual Storing of Station Presets

1 Select the radio band and tune in a desired radio station you wish to store in the preset memory.

2 Press the **F** button so that the "FUNC" indicator light goes out. Press and hold the **Preset buttons (1 through 6)** that you want to store the station on for at least 2 seconds.
The selected station is stored. The display shows the band, preset No. with a triangle (≟) and station frequency memorized.

3 Repeat the procedure to store up to 5 other stations onto the same band.
To use this procedure for other bands, simply select the band desired and repeat the procedure.
A total of 24 stations can be stored in the preset memory (6 stations for each band; FM1, FM2, MW and LW).

NOTE
If you store a station in a preset memory which already has a station, the current station will be cleared and replaced with the new station.

Automatic Memory of Station Presets

1 Press the **BAND** button repeatedly until the desired
radio band is displayed.
Each press changes the band:

→ F1(FM1) → F2(FM2) → MW → LW ⌐

2 Press and hold the **A.ME** button for at least 2 seconds.
The tuner will automatically seek and store 6 strong
stations in the selected band in order of signal strength.
The frequency on the display continues to change
while the automatic memory is in progress.
When the automatic memory has been completed,
the tuner goes to the station stored in the preset
location No. 1.

NOTE

If no stations are stored, the tuner will return to the original
station you were listening to before the auto memory procedure
began.

Tuning to Preset Stations

**1** Press the **BAND** button repeatedly until the desired
band is displayed.
Each press changes the band:

→ F1(FM1) → F2(FM2) → MW → LW ⌐

2 Press the **F** button so that the "FUNC" indicator light
goes out. Then press the station preset button that has
your desired radio station in memory.
The display shows the band, preset number with a
triangle and frequency of the station selected.

RDS Operations

I◀◀ DN   BAND

▶▶I UP   T.INFO   F/SETUP   AF   PTY
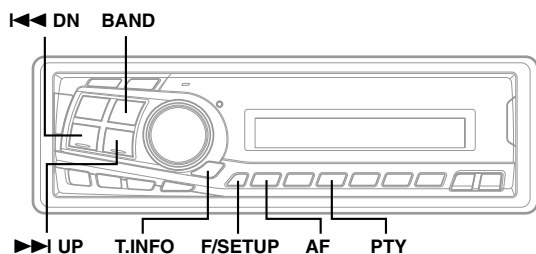
Setting RDS Reception Mode and Receiving RDS Stations

The RDS (Radio Data System) is a radio information system using the 57 kHz subcarrier of regular FM broadcast. The RDS allows you to receive a variety of information such as traffic information, station names, and to automatically re-tune to a stronger transmitter that is broadcasting the same programme.

1 Press the **F** button so that the "FUNC" indicator lights up.

2 Press the **AF** button to activate the RDS mode.

3 Press the I◀◀ **DN** or ▶▶I **UP** button to tune in the desired RDS station.

NOTE
When the BAND button is pressed and held for at least 2 seconds while the PS (Programme Service Name) is being displayed, the display shows the station frequency for 5 seconds, then returns to the previous display.

4 Press the **AF** button again to deactivate the RDS mode.

5 Press the **F** button to activate the normal mode. The "FUNC" indicator light goes out.

Tips
The RDS digital data includes the followings:
PI	Programme Identification
PS	Programme Service Name
AF	List of Alternative Frequencies
TP	Traffic Programme
TA	Traffic Announcement
PTY	Programme Type
EON	Enhanced Other Networks

Recalling Preset RDS Stations

1 Press the **F** button so that the "FUNC" indicator lights up.

2 Press the **AF** button to activate the RDS mode.

3 Press the **F** button to activate the normal mode. The "FUNC" indicator light goes out.

4 Make sure that the "FUNC" indicator light goes out, then press the preset button in which your desired RDS station is preset.
If the preset station's signal is weak, the unit automatically searches and tunes to a stronger station in the AF (Alternative Frequencies) list.

5 If the preset station and the stations in the AF list cannot be received:
Press the same preset button again within 5 seconds to have the unit search for a station in the PI (Programme Identification) list.
If there are still no stations receivable in the area, the unit displays the frequency of the preset station and the preset indicator disappears.
If the signal level of the Regional (Local) station being tuned becomes too weak to receive, press the same preset button to tune in a Regional station in other district.

NOTE
For presetting the RDS stations, refer to the Radio Operation section. The RDS stations can be preset in the F1 and F2 bands only.

Receiving RDS Regional (Local) Stations

1 Press and hold the **SETUP** button for at least 3 seconds to activate the setting mode.

2 Press the I◀◀ **DN** or ▶▶I **UP** button to select the REG mode.

3 Press the **BAND** button to turn on or off the REG (Regional) mode.
In the REG OFF mode, the unit automatically keeps receiving the related local RDS station.

4 Press the **SETUP** button to deactivate the setting mode.

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Receiving Traffic Information

1 Press the **T.INFO** button repeatedly until the T.INFO indicator appears in the display.

2 Press the I◄◄ **DN** or ►►I **UP** button to select your desired traffic information station. When a traffic information station is tuned in, the TP indicator lights up.

Traffic information is heard only when it is being broadcast. If traffic information is not being broadcast, the unit is set in the standby mode. When a traffic information broadcast begins, the unit automatically receives it and the display shows "TRF-INFO" for a few seconds and returns to the PS display.

When the traffic information broadcast is over, the unit will automatically set in the standby mode.

NOTES
- *If the traffic information broadcast signal falls below a certain level, the unit remains in the receiving mode for 1 minute. If the signal remains below a certain level for over 1 minute, the "T.INFO" indicator blinks.*
- *If you do not want to listen to the traffic information being received, lightly press the T.INFO button to skip that traffic information message. The T. INFO mode will remain in the ON position to receive the next traffic information message.*
- *If the volume level is changed while receiving traffic information, the changed volume level will be memorized. When traffic information is received next time, the volume level will be automatically adjusted to the level memorized.*

PTY (Programme Type) Tuning

1 Press the **F** button so that the "FUNC" indicator lights up.

2 Press the **PTY** button to activate the PTY mode, while the unit is in Radio (FM receiving) mode.
The Programme Type of the station being currently received will be displayed for 5 seconds.
- If there is no receivable PTY broadcast, "NO PTY" will be displayed for 5 seconds.
- If no RDS station can be received, the display shows "NO PTY."

NOTE
If no button is pressed within 5 seconds after pressing the PTY button, the PTY mode will be automatically cancelled.

3 Press the I◄◄ **DN** and ►►I **UP** buttons within 5 seconds after activating the PTY mode to choose the desired programme type while the PTY (programme type) is being displayed. Each press scrolls the programme type by one.

LIGHT M ← CLASSICS → OTHER M

4 Press the **PTY** button within 5 seconds after selecting the programme type to start searching for a station in the selected programme type.
The chosen programme type indicator blinks during searching and lights when a station is found.

If no PTY station is found, "NO PTY" will be displayed for 2 seconds.

5 Press the **F** button to activate the normal mode.
The "FUNC" indicator light goes out.

RDS Operations

I◄◄ DN

►►I UP   T.INFO   F   NEWS

Receiving Traffic Information While Playing CD or Radio

1 Press the **T.INFO** button repeatedly until the T.INFO indicator appears in the display.

2 Press the **I◄◄ DN** and **►►I UP** buttons to select a traffic information station if necessary.

   • When a traffic information broadcast starts, the unit automatically mutes the CD player/changer or the regular FM broadcast.
   • When the traffic information broadcast finishes, the unit automatically returns to the original source play before the traffic information broadcast began.

When traffic information stations cannot be received:
In the tuner mode:
   When the TP signal can no longer be received for over 1 minute, the "T.INFO" indicator blinks.
In the CD mode:
   When the TP signal can no longer be received, the traffic information station of another frequency will be selected automatically.

   NOTE
   The receiver is equipped with the EON (Enhanced Other Networks) function in order to keep track of additional alternate frequencies to the AF list. The EON indicator appears while an RDS EON station is being received. If the station being received does not broadcast the traffic information, the receiver automatically tunes in the related station that broadcasts the traffic information when it occurs.

3 Press the **T.INFO** button to deactivate the Traffic Information mode.
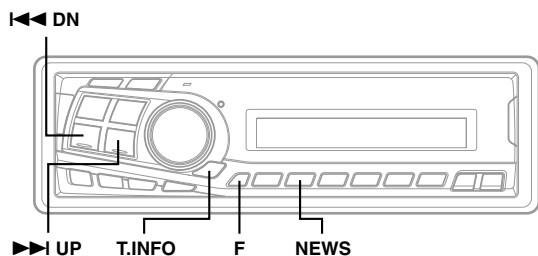   The T.INFO indicator disappears.

Priority News

This function allows you to preset to give priority to the News programme. You will never miss the News programme as the unit automatically gives priority to the News programme whenever it begins broadcasting, and interrupts the programme you are currently listening. This feature is functional when your unit is set to a mode other than the LW and MW modes.

1 Press the **F** button so that the "FUNC" indicator lights up while the unit is in Radio (FM receiving) mode.

2 Press the **NEWS** button to activate the PRIORITY NEWS mode.
   "NEWS" lights up in the display.
   • To disable the PRIORITY NEWS function, press the NEWS button.

   NOTE
   In the PRIORITY NEWS function, unlike in the T.INFO function, the volume does not increase automatically.

3 Press the **F** button to activate the normal mode, while the unit is in Radio (FM receiving) mode.
   The "FUNC" indicator light goes out.

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CD Player Operation

► / ❙❙

⏏

When a disc is already inserted, press the SOURCE button to switch to the CD mode.
The mode will change every time the button is pressed.

⟶ TUNER ⟶ CD ⟶ CD CHANGER∗
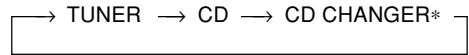
(∗ Only when the CD changer is connected)

3 To pause playback, press the ►/❙❙ button.
Pressing the ►/❙❙ button again will resume playback.

4 To eject the disc, press the ⏏ button.

NOTES
- *If the CD does not eject, press ⏏ button again for at least 3 seconds with the movable display open.*
- *Do not insert or remove a CD when loading or ejecting a CD, as malfunction may result.*

Opening and Closing the Movable display

1 Press the ⏏ button.
The movable display will open.
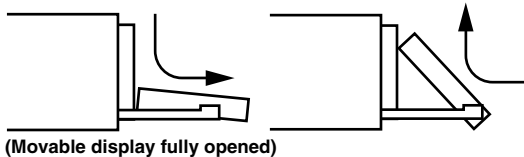
(Movable display fully opened)

To close the movable display, press the ⏏ button again.
The movable display will close.

NOTES
- *Do not apply shock to the movable display when it is open as it may result in malfunction of the unit.*
- *The display may be dim during low temperatures and immediately after turning on the power. The brightness will return to normal as time elapses.*
- *The display will stop at the set angle when closing.*

CAUTION
Keep hands (or any other object) away from the display while it is opening or closing to avoid damage or injury. The back of the movable display will get very warm under normal operating conditions. This is not a malfunction. Do not touch.

Playback

1 Press the ⏏ button.
The movable display will open.
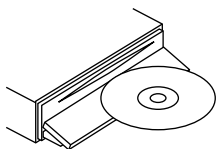
Insert a disc with the label side facing up.

2 Insert a disc with the label side facing up.
The disc will be pulled into the unit automatically. The movable display will close and playback will begin.

About the usable discs.
We recommend using only compact discs containing the marks shown below.
You can play CD-Rs (CD-Recordable)/CD-RWs (CD-ReWritable) for audio use on this unit. You can not also play CD-Rs/CD-RWs containing MP3 formatted audio files.

- Some of the following CDs may not play on this unit: Flawed CDs, CDs with fingerprints, CDs exposed to extreme temperatures or sunlight (e.g., left in the car or this unit), CDs recorded under unstable conditions, CDs not designed for audio use, CDs on which a recording failed a re-recording was attempted.

On handling Compact Discs (CD/CD-R/CD-RW)
- Do not touch the surface.
- Do not expose the disc to direct sunlight.
- Do not affix stickers or labels and do not write on the surface.
- Clean the disc when it is dusty.
- Make sure that there are no bumps around the disc.
- Do not use commercially available disc accessories.

Do not leave the disc in the car or the unit for a long time. Never expose the disc to direct sunlight.
Heat and humidity may damage the CD and you may not be able to play it again.

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CD Player Operation

I◀◀ DN   ▶▶I UP   REPEAT   M.I.X.   SCAN
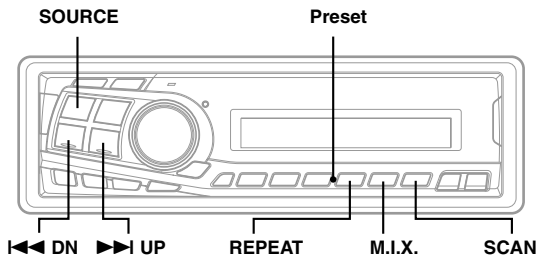
Music Sensor (Skip)

1 Momentarily press the I◀◀ **DN** button once during CD play to return to the beginning of the current track. If you wish to access a track further back, repeatedly press until you reach the desired track.

Press the ▶▶I **UP** button once to advance to the beginning of the next track. If you wish to access a track further ahead, press repeatedly until the desired track is reached.

NOTE
The music sensor feature is functional in the play or pause mode.

Fast Forward and Backward

1 Press and hold the I◀◀ **DN** or ▶▶I **UP** button to quickly move backward or forward until you reach the desired section of the track.

Repeat Play

1 Press the **REPEAT** button to play back repeatedly the track being played.
The RPT indicator appears and the track will be played repeatedly.

Press the **REPEAT** button again to deactivate the repeat play.

NOTES
- *If a CD Changer is connected and the RPT ALL mode is selected, the unit repeatedly plays back all tracks on the disc selected.*

$$\longrightarrow RPT \longrightarrow RPT\ ALL \longrightarrow (OFF) \longrightarrow$$

- *In case a 6-disc CD changer is connected:*
  Press the F button so that the "FUNC" indicator lights up, then go to step 1.
- *Press the F button to return to the normal mode.*
  The "FUNC" indicator light goes out.

M.I.X. (Random Play)

1 Press the **M.I.X.** button in the play or pause mode. The M.I.X. indicator will illuminate and the tracks on the disc will be played back in a random sequence.

To cancel M.I.X. play, press the **M.I.X.** button again.

NOTES
- *In case a 6-disc CD changer is connected:*
  Press the F button so that the "FUNC" indicator lights up, then go to step 1.
- *Press the F button to return to the normal mode.*
  The "FUNC" indicator light goes out.

Scanning Programmes

1 Press the **SCAN** button to activate the Scan mode. The first 10 seconds of each track will be played back in succession.

To stop scanning, press the **SCAN** button to deactivate the Scan mode.

NOTES
- *In case a 6-disc CD changer is connected:*
  Press the F button so that the "FUNC" indicator lights up, then go to step 1.
- *Press the F button to return to the normal mode.*
  The "FUNC" indicator light goes out.

Controlling CD Changer (Optional)

If an optional Alpine 6-disc CD Changer is connected to the 8-pin DIN connector (M-Bus) of the CDM-7892R, you can control the CD Changer using the CDM-7892R.

NOTE
The CD controls on the CDM-7892R for the CD Changer operation are functional only when the CD Changer is interconnected with the CDM-7892R.

1 Press the **SOURCE** button to activate the CD Changer. The display shows the disc number and track number.

NOTE
To start play or pause play, press the ▶/II button.

2 Make sure that the "FUNC" indicator light goes out, then press the **Preset** buttons to select the desired disc loaded in the CD Changer.

NOTES
- *After selecting the desired disc, you can operate in the same way as for the CD player.*
  For details, please see the CD Operation section.
- *If the "FUNC" indicator is illuminated the Disc Select buttons become nonfunctional.*

SETUP Operation

I◀◀ DN   BAND   Rotary encoder/MODE

▶▶I UP   SETUP
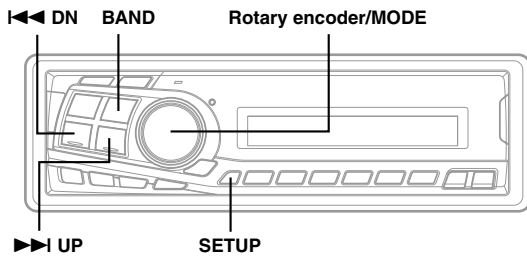
Adjusting Source Signal Levels

> If the difference in volume level between the CD player
> and FM radio is too great, adjust the FM signal level as
> follows.

1 Press and hold the **SETUP** button for at least 3
seconds.

2 Press the I◀◀ **DN** or ▶▶I **UP** button to select the FM-
LV (FM LEVEL) mode.

3 Press the **BAND** button to select the FM signal level HI
(High) or LO (Low) to make the signal levels between
the FM band and CD player closer.

4 Press the **SETUP** button to return to normal mode.

Switching the Tuner Mode

> The CDM-7892R incorporates the MAX TUNE Pro for
> the highest quality tuner audio. Moreover, you can
> choose between 3 settings to suit your own personal
> sound preferences usage.

1 Press and hold the **SETUP** button for at least 3
seconds.

2 Press the I◀◀ **DN** or ▶▶I **UP** button to select
NORMAL.

3 Press the **BAND** button to switch the TUNER mode.

$$\longrightarrow \text{NORMAL} \rightarrow \text{STABLE} \rightarrow \text{HI-FI} \longrightarrow$$

NORMAL : Standard setting
STABLE : Noiseless priority setting
HI-FI   : Sound quality priority setting

NOTES
- *The initial setting at the factory is "NORMAL."*
- *If you find the sound is very noisy while listening to the
  tuner in the HI-FI mode, we recommend you change to the
  NORMAL mode.*

4 When the setting is completed, press the **SETUP**
button to return to the normal mode.

Subwoofer On and Off

1 Press and hold the **SETUP** button for at least 3
seconds.

2 Press the I◀◀ **DN** or ▶▶I **UP** button to select the
SUB-W mode.

3 Press the **BAND** button to select Subwoofer ON or
OFF.

4 Press the **SETUP** button after setting the SUB-W ON.

5 Press the **MODE** button repeatedly to select the
SUB-W mode.

$$\longrightarrow \text{SUB-W} \longrightarrow \text{BALANCE} \longrightarrow$$
$$\longleftarrow \text{VOLUME} \leftarrow \text{DEFEAT} \leftarrow \text{FADER} \longleftarrow$$

Press the I◀◀ **DN** or ▶▶I **UP** button after selecting the
SUB-W mode, and the subwoofer output phase is
toggled SUBW NOR (0°) or SUBW REV (180°).

6 Turn the **Rotary encoder** until the desired sound is
obtained in each mode.

NOTES
- *Initial mode is "Subwoofer ON."*
- *Set to "Subwoofer OFF" unless the subwoofer is used.*

Setting Frequency Step

> When you tune in FM stations automatically, you can
> set the frequency step to 50 kHz or 100 kHz.

1 Press and hold the **SETUP** button for at least 3
seconds to enter the setting mode.

2 Press the I◀◀ **DN** or ▶▶I **UP** button to select the
frequency step mode.

3 Press the **BAND** button to select the desired frequency
step (50 kHz or 100 kHz). Each time you press the
BAND button, 50 kHz and 100 kHz appear alternately.

  50 kHz: the unit tunes in FM stations every 50 kHz
         automatically.
  100 kHz: the unit tunes in FM stations every 100 kHz
         automatically.

4 Press the **SETUP** button to exit the setting mode.

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SETUP Operation

SOURCE   BAND

I◀◀ DN   ▶▶I UP   SETUP
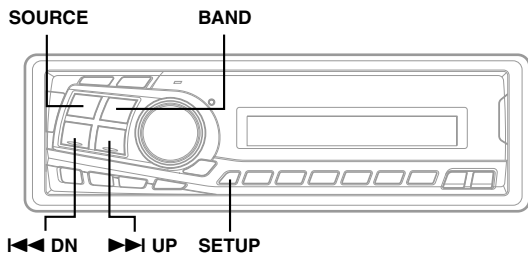
Setting the AUX Mode

You can input TV/video sound by connecting an optional "M-Bus V-Link" (M-Bus/RCA interface cable KCM-122B) to this component.

1 Press and hold the **SETUP** button for at least 3 seconds.

2 Press the I◀◀ **DN** or ▶▶I **UP** button to select the AUX mode.

3 Press the **BAND** button to toggle the mode between AUX ON and AUX OFF.

4 Press the **SETUP** button to return to normal mode.

5 To adjust the volume, etc., first press the **SOURCE** button and select the AUX mode, then make the necessary adjustment.

$$\rightarrow \text{TUNER} \rightarrow \text{CD} \rightarrow \text{AUX} \rightarrow$$

NOTE
When AUX ON is selected, a CD Changer cannot be used.

Demonstration

This unit has the Demonstration feature which simulates the display functions on the display panel.

1 Press and hold the **SETUP** button for at least 3 seconds.

2 Press the ▶▶I **UP** or I◀◀ **DN** button to select the "DEMO" mode.

3 Press the **BAND** button to turn on or off the DEMO mode.
Each press toggles between "DEMO ON" and "DEMO OFF."

If no buttons are pressed 30 seconds after the DEMO mode is turned ON. The DEMO mode then begins.

NOTE
The initial setting at the factory is "DEMO ON."

4 Press the **SETUP** button again to return to normal operation.

Information

In Case of Difficulty

If you encounter a problem, please turn the power off, then on again. If the unit is still not functioning normally, please review the items in the following checklist. This guide will help you isolate the problem if the unit is at fault. Otherwise, make sure the rest of your system is properly connected or consult your authorized Alpine dealer.

Basic

No function or display.
• Vehicle's ignition is off.
   - If connected following instructions, the unit will not operate with the vehicle's ignition off.
• Improper power lead connections.
   - Check power lead connections.
• Blown fuse.
   - Check the fuse on the battery lead of the unit; replace with the proper value if necessary.
• Internal micro-computer malfunctioned due to interference noise etc.
   - Press the Reset switch with a ballpoint pen or other pointed article.

Radio

Unable to receive stations.
• No antenna or open connection in cable.
   - Make sure the antenna is properly connected; replace the antenna or cable if necessary.

Unable to tune stations in the seek mode.
• You are in a weak signal area.
   - Make sure the tuner is in the DX mode.
• If the area you are in is a primary signal area, the antenna may not be grounded and connected properly.
   - Check your antenna connections; make sure the antenna is properly grounded at its mounting location.
• The antenna may not be the proper length.
   - Make sure the antenna is fully extended; if broken, replace the antenna with a new one.

Broadcast is noisy.
• The antenna is not the proper length.
   - Extend the antenna fully; replace it if it is broken.
• The antenna is poorly grounded.
   - Make sure the antenna is grounded properly at its mounting location.

CD

CD Player/Changer not functioning.
• Out of operating temperature range +50˚C (+120˚F) for CD.
   - Allow the vehicle's interior (or trunk) temperature to cool.

CD playback sound is wavering.
• Moisture condensation in the CD Module.
   - Allow enough time for the condensation to evaporate (about 1 hour).

CD insertion not possible.
• The CD is already in the CD player.
   - Eject the CD and remove it.
• The CD is being improperly inserted.
   - Make sure the CD is being inserted following instructions in the CD Player Operation section.

Unable to fast forward or backward the CD.
• The CD has been damaged.
   - Eject the CD and discard it; using a damaged CD in your unit can cause damage to the mechanism.

CD playback sound skips due to vibration.
• Improper mounting of the unit.
   - Securely re-mount the unit.
• Disc is very dirty.
   - Clean the disc.
• Disc has scratches.
   - Change the disc.
• The pick-up lens is dirty.
   - Do not use a commercial available lens cleaner disc. Consult your nearest ALPINE dealer.

CD playback sound skips without vibration.
• Dirty or scratched disc.
   - Clean the disc; damaged disc should be replaced.

Error displays (built-in CD player only)
• Mechanical error
   - Press the ⏏ button. After the error indication disappears, insert the disc again. If the above-mentioned solution does not solve the problem, consult your nearest ALPINE dealer.

Information

Indication for CD

HI TEMP

- Protective circuit is activated due to high temperature.
  - The indicator will disappear when the temperature returns to within operation range.

ERROR

- Mechanism error.
  1. Press the ▲ button and eject the CD.
     If not ejecting, consult your Alpine dealer.
  2. When the error indication remains after ejecting, press the ▲ button again.
     If the error indication still does not turn off after pressing the ▲ button for a few times, consult your Alpine dealer.

  NOTE
  When the "ERROR" is displayed:
  In case that the disc cannot be ejected by pressing the c button, press the Reset switch (refer to page 4) and press the c button again.
  If not ejecting, consult your Alpine dealer.

NO DISC

- No CD is inserted.
  - Insert a CD.

Indication for CD Changer

HI TEMP

- Protective circuit is activated due to high temperature.
  - The indicator will disappear when the temperature returns to within operation range.

ERROR - 01

- Malfunction in the CD Changer.
  - Consult your Alpine dealer. Press the magazine eject button and pull out the magazine.
    Check the indication. Insert the magazine again.
    If the magazine cannot be pulled out, consult your Alpine dealer.
- Magazine ejection not possible.
  - Press the magazine eject button. If the magazine does not eject, consult your Alpine dealer.

NO MAGZN

- No magazine is loaded into the CD Changer.
  - Insert a magazine.

NO DISC

- No indicated disc.
  - Choose another disc.

20-EN

Specifications

FM TUNER SECTION

Tuning Range	87.5 – 108.0 MHz
Mono Usable Sensitivity	0.7 µV
Alternate Channel Selectivity	80 dB
Signal-to-Noise Ratio	65 dB
Stereo Separation	35 dB

MW TUNER SECTION

Tuning Range	531 – 1,602 kHz
Sensitivity (IEC Standard)	25.1 µV/28 dB

LW TUNER SECTION

Tuning Range	153 – 281 kHz
Sensitivity (IEC Standard)	31.6 µV/30 dB

CD SECTION

Frequency Response	5 – 20,000 Hz (±1 dB)
Wow & Flutter (% WRMS)	Below measurable limits
Total Harmonic Distortion	0.008% (at 1 kHz)
Dynamic Range	95 dB (at 1 kHz)
Signal-to-Noise Ratio	105 dB
Channel Separation	85 dB (at 1 kHz)

PICKUP

Wave Length	795 nm
Laser power	CLASS I

GENERAL

Power Requirement	14.4 V DC
	(11–16 V allowable)
Maximum Power Output	50 W x 4
Maximum Subwoofer Output	
Voltage	4 V/10k ohms
Output Voltage	2 V/10k ohms
Bass	±14 dB at 60 Hz
Treble	±14 dB at 10 kHz
Weight	1.5 kg (3 lbs. 5 oz)

CHASSIS SIZE

Width	178 mm (7")
Height	50 mm (2")
Depth	155 mm (6-1/8")

NOSEPIECE SIZE

Width	170 mm (6–3/4")
Height	46 mm (1-13/16")
Depth	18 mm (11/16")

Due to continuous product improvement, specifications and design are subject to change without notice.

CAUTION

CLASS 1
LASER PRODUCT

(Bottom side of player)

Installation and Connections

Before installing or connecting the unit, please read the following and pages 2 and 3 of this manual thoroughly for proper use.

⚠ Warning

MAKE THE CORRECT CONNECTIONS.

Failure to make the proper connections may result in fire or product damage.

USE ONLY IN CARS WITH A 12 VOLT NEGATIVE GROUND.

(Check with your dealer if you are not sure.) Failure to do so may result in fire, etc.

BEFORE WIRING, DISCONNECT THE CABLE FROM THE NEGATIVE BATTERY TERMINAL.

Failure to do so may result in electric shock or injury due to electrical shorts.

DO NOT SPLICE INTO ELECTRICAL CABLES.

Never cut away cable insulation to supply power to other equipment. Doing so will exceed the current carrying capacity of the wire and result in fire or electric shock.

DO NOT DAMAGE PIPE OR WIRING WHEN DRILLING HOLES.

When drilling holes in the chassis for installation, take precautions so as not to contact, damage or obstruct pipes, fuel lines, tanks or electrical wiring. Failure to take such precautions may result in fire.

DO NOT USE BOLTS OR NUTS IN THE BRAKE OR STEERING SYSTEMS TO MAKE GROUND CONNECTIONS.

Bolts or nuts used for the brake or steering systems (or any other safety-related system), or tanks should NEVER be used for installations or ground connections. Using such parts could disable control of the vehicle and cause fire etc.

DO NOT INSTALL IN LOCATIONS WHICH MIGHT HINDER VEHICLE OPERATION, SUCH AS THE STEERING WHEEL OR GEARSHIFT.

Doing so may obstruct forward vision or hamper movement etc. and results in serious accident.

⚠ Caution

HAVE THE WIRING AND INSTALLATION DONE BY EXPERTS.

The wiring and installation of this unit requires special technical skill and experience. To ensure safety, always contact the dealer where you purchased this product to have the work done.

USE SPECIFIED ACCESSORY PARTS AND INSTALL THEM SECURELY.

Be sure to use only the specified accessory parts. Use of other than designated parts may damage this unit internally or may not securely install the unit in place. This may cause parts to become loose resulting in hazards or product failure.

ARRANGE THE WIRING SO IT IS NOT CRIMPED OR PINCHED BY A SHARP METAL EDGE.

Route the cables and wiring away from moving parts (like the seat rails) or sharp or pointed edges. This will prevent crimping and damage to the wiring. If wiring passes through a hole in metal, use a rubber grommet to prevent the wire's insulation from being cut by the metal edge of the hole.

DO NOT INSTALL IN LOCATIONS WITH HIGH MOISTURE OR DUST.

Avoid installing the unit in locations with high incidence of moisture or dust. Moisture or dust that penetrates into this unit may result in product failure.

Precautions

- Be sure to disconnect the cable from the (–) battery post before installing your CDM-7892R. This will reduce any chance of damage to the unit in case of a short-circuit.
- Be sure to connect the colour coded leads according to the diagram. Incorrect connections may cause the unit to malfunction or damage to the vehicle's electrical system.
- When making connections to the vehicle's electrical system, be aware of the factory installed components (e.g. on-board computer). Do not tap into these leads to provide power for this unit. When connecting the CDM-7892R to the fuse box, make sure the fuse for the intended circuit of the CDM-7892R has the appropriate amperage. Failure to do so may result in damage to the unit and/or the vehicle. When in doubt, consult your ALPINE dealer.
- The CDM-7892R uses female RCA-type jacks for connection to other units (e.g. amplifier) having RCA connectors. You may need an adaptor to connect other units. If so, please contact your authorized ALPINE dealer for assistance.
- Be sure to connect the speaker (–) leads to the speaker (–) terminal. Never connect left and right channel speaker cables to each other or to the vehicle body.
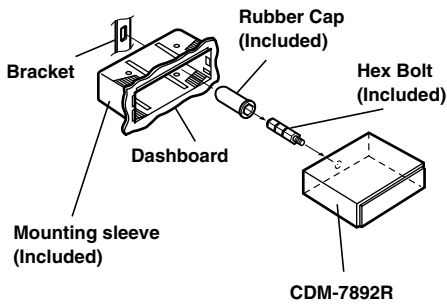
IMPORTANT

Please record the serial number of your unit in the space provided below and keep it as a permanent record. The serial number plate is located on the bottom of the unit.

SERIAL NUMBER: _____
INSTALLATION DATE: _____
INSTALLATION TECHNICIAN: _____
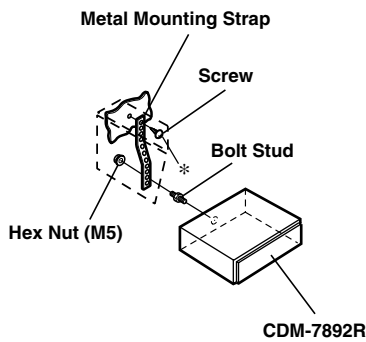PLACE OF PURCHASE: _____

Installation

1

Bracket
Rubber Cap (Included)
Hex Bolt (Included)
Dashboard
Mounting sleeve (Included)
CDM-7892R

Remove the Detachable Front Panel (refer to page 4). Slide mounting sleeve from main unit (see Removal Procedure below). Slide the mounting sleeve into the dashboard.

2

Metal Mounting Strap
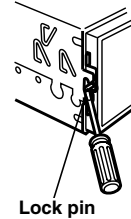**Screw**
Bolt Stud
Hex Nut (M5)
∗
CDM-7892R

When your vehicle has the Bracket, mount the long hex bolt onto the rear panel of the CDM-7892R and put the Rubber Cap on the hex bolt. If your vehicle does not have the Mounting Support, reinforce the head unit with the metal mounting strap (not supplied). Connect all the leads of the CDM-7892R according to details described in the CONNECTIONS section.

NOTE

For the screw ∗, provide a proper screw to the chassis installing location.

3

Slide the CDM-7892R into the dashboard. When the unit is in place, make sure the locking pins are fully seated in the down position. This can be done by pressing firmly in on the unit while pushing the locking pin down with a small screwdriver. This ensures that the unit is properly locked and will not accidentally come out from the dashboard. Install the Detachable Front Panel.

Lock pin

Removal
1 Remove the detachable front panel.
2 Use a small screwdriver (or similar tool) to push the locking pins to the "up" position (see Fig. 3). As each pin is unlocked, gently pull out on the unit to make sure it does not re-lock before unlocking the second pin.
3 Pull the unit out, keeping it unlocked as you do so.

<JAPANESE CAR>

Front frame

Screws (M5 × 8) (Included)
CDM-7892R
Mounting Bracket
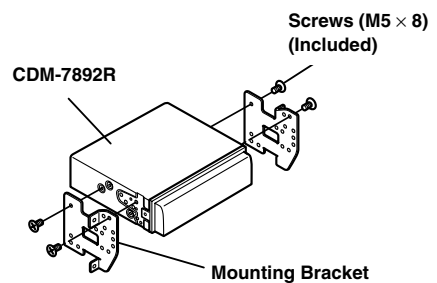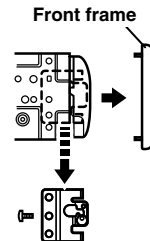
Installation and Connections

Connection

- **Antenna**
- **ISO Antenna Plug**

② ①

(Pink/Black) **AUDIO INTERRUPT IN** ③ — **To vehicle phone**

(Blue/White) **REMOTE TURN-ON** ④ — **To amplifier or equalizer**

(Red) **IGNITION** ⑤ — **To power antenna**

(Blue) **POWER ANT** ⑥ ⑩

Ignition Key

⑦

Battery

Choke coil ⑧

(Yellow) **BATTERY** ⑨

A

DIN Connector PIN Configuration

⑪
⑫ A ⑬

Ignition
Data Ground
Lch
Sig Gnd
Shield Ground
Power Supply Ground
Battery
Data Bus
Rch

Speakers

Green ⊕ **Rear Left**
Green/Black ⊖

⑭
⑮
⑯
⑰
⑱
⑲
⑳
㉑
㉒

White ⊕ **Front Left**
White/Black ⊖
Grey/Black ⊖ **Front Right**
Grey ⊕
Violet/Black ⊖ **Rear Right**
Violet ⊕

㉓

CD changer (Sold separately)

㉔ ㉗ **Amplifier** ⊕ ⊖ ⊕ ⊖ **Subwoofers**

㉕ ㉗ **Amplifier** ⊕ ⊖ ⊕ **Rear**

㉖ ㉗ **Amplifier** ⊕ ⊖ ⊕ ⊖ **Front**

24-EN

1. ISO Antenna Convertor Plug
2. Antenna Receptacle
   Connect to the supplied ISO antenna convertor plug.
3. Audio Interrupt In Lead (Pink/Black)
   Connect this lead to the Audio Interface output of a cellular phone which provides ground shorting when a call is received.
   If a device having the interrupt feature is connected, audio will be automatically muted whenever the interrupt signal is received from the device.
4. Remote Turn-On Lead (Blue/White)
   Connect this lead to the remote turn-on lead of your amplifier or signal processor.
5. Switched Power Lead (Ignition) (Red)
   Connect this lead to an open terminal on the vehicle's fuse box or another unused power source which provides (+) 12V only when the ignition is turned on or in the accessory position.
6. Power Antenna Lead (Blue)
   Connect this lead to the +B terminal of your power antenna, if applicable.
   ### NOTE
   This lead should be used only for controlling the vehicle's power antenna. Do not use this lead to turn on an amplifier or a signal processor, etc.
7. Ground Lead (Black)
   Connect this lead to a good chassis ground on the vehicle. Make sure the connection is made to bare metal and is securely fastened using the sheet metal screw provided.
8. Fuse Holder (15A)
9. Battery Lead (Yellow)
   Connect this lead to the positive (+) post of the vehicle's battery.
10. ISO Power Supply Connector

11. Remote Control Interface Connector
    To remote control interface box.
12. DIN Connector
    Connect this to the DIN connector on the CD changer.
13. Power Supply Connector
14. Left Rear (+) Speaker Output Lead (Green)
15. Left Rear (−) Speaker Output Lead (Green/Black)
16. Left Front (+) Speaker Output Lead (White)
17. Left Front (−) Speaker Output Lead (White/Black)
18. Right Front (−) Speaker Output Lead (Grey/Black)
19. Right Front (+) Speaker Output Lead (Grey)
20. Right Rear (−) Speaker Output Lead (Violet/Black)
21. Right Rear (+) Speaker Output Lead (Violet)
22. ISO Connector (Speaker Output)
23. DIN Extension Cable (Included with CD changer)
    ### NOTE
    Older Alpine CD changer came with standard, straight type DIN connectors. In installations where an L-type connector would simplify installation, the Alpine 4910₀₂ Adaptor can be used (sold separately).
24. Subwoofer Output RCA Connectors
    RED is right and WHITE is left.
25. Rear Output RCA Connectors
    RED is right and WHITE is left.
26. Front Output RCA Connectors
    RED is right and WHITE is left.
27. RCA Extension Cable (sold separately)

To prevent external noise from entering the audio system.
• Locate the unit and route the leads at least 10cm away from the car harness.
• Keep the battery power leads as far away from other leads as possible.
• Connect the ground lead securely to a bare metal spot (remove any paint, dirt or grease if necessary) of the car chassis.
• If you add an optional noise suppressor, connect it as far away from the unit as possible. Your Alpine dealer carries various noise suppressors, contact them for further information.
• Your Alpine dealer knows best about noise prevention measures so consult your dealer for further information.

Tips der Polizei:
- Stellen Sie Ihr Fahrzeug stets gut sichtbar ab.
- Verschließen Sie Türen, Fenster, Schiebedach und Kofferraum immer, auch bei nur kurzer Abwesenheit.
- Lassen Sie keine Wertsachen sichtbar im Auto liegen.
- Wird Ihr Fahrzeug aufgebrochen, wenden Sie sich sofort an die nächste Polizeidienststelle.
- Belassen Sie Ihr Fahrzeug nach einem Aufbruch im Originalzustand.
- Informieren Sie sich über technische Sicherungsmöglichkeiten bei einer Kriminalpolizeilichen Beratungsstelle.

Gerät 1

Modell-Nr.:

Hersteller:

Seriennummer:

A	L												

Kaufdatum: _____   Preis: _____

//////ALPINE®

Car Audio and Navigation Systems

GERÄTE-PASS

AUDIO SYSTEME

Fahrzeugmarke: _____ Typ: _____

Amtl. Kennzeichen: _____

Name des Halters: _____

Straße: _____

Wohnort: _____

Bitte füllen Sie diesen Pass vollständig aus und bewahren Sie ihn
außerhalb des Fahrzeugs auf:
Im Falle eines Diebstahls wird für Sie die Schadensabwicklung mit der
Versicherung einfacher, und Sie erleichtern der Polizei die Fahndung
nach den Tätern.

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