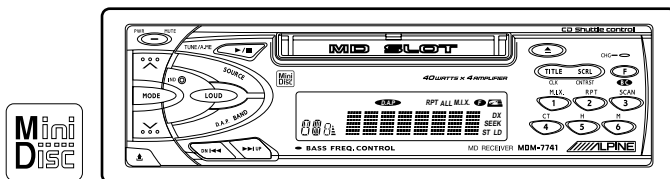




# MDM-7741

## FM/AM MD Receiver

- OWNER'S MANUAL  
Please read before using this equipment.
- MODE D'EMPLOI  
Veuillez lire avant d'utiliser cet appareil.
- MANUAL DE OPERACIÓN  
Léalo antes de utilizar este equipo.



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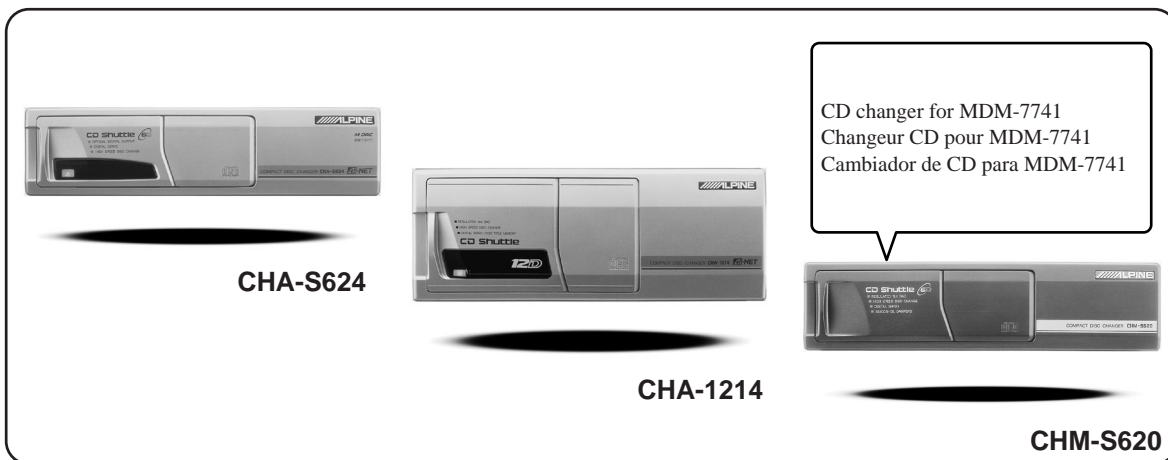
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## Alpine CD Changers Give You More!

### *More musical selections, more versatility, more convenience.*

An Alpine CD Changer adds more musical choices to your sound system. All models can be controlled from Alpine head units and deliver excellent sound quality. The CHA-S624 is a high-performance 6-disc changer with a new M DAC, Ai-NET compatibility, Optical Digital Output, 150 Disc Title Memory and CD TEXT. The CHA-1214 Ai-NET model holds 12 discs, and the CHM-S620 M-Bus model is a super-compact 6-disc changer.

## Changeurs de CD Alpine : vous avez le choix!

### *Plus de sélections musicales, plus de souplesse, plus de confort.*

Un changeur de CD Alpine permet d'augmenter la plage des sélections musicales de votre système embarqué. Tous les modèles peuvent être contrôlés à partir des autoradios Alpine et offrent une excellente qualité audio. Le modèle CHA-S624 est un changeur 6 disques ultra performant compatible Ai-NET et équipé d'un convertisseur N/A standard, d'une sortie optique numérique, d'une mémoire d'une capacité de 150 titres et de la fonction CD TEXT. Le modèle CHA-1214 Ai-NET peut contenir 12 disques. Le modèle CHM-S620 M-Bus est un changeur 6 disques super compact.

## ¡Los cambiadores Alpine de CD le ofrecen más!

### *Más selecciones musicales, más versatilidad y más ventajas.*

Un cambiador Alpine de CD añade más opciones musicales a su equipo de sonido. Todos los modelos pueden controlarse desde las unidades principales de Alpine y proporcionar un sonido de calidad excepcional. El modelo CHA-S624 es un cambiador de 6 discos de alto rendimiento con el nuevo DAC "M" y compatibilidad con Ai-NET, salida digital óptica, memoria de títulos de 150 discos y TEXTO CD. El modelo CHA-1214 Ai-NET admite 12 discos y el modelo CHM-S620 Bus-M es un cambiador de 6 discos y tamaño reducido.

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## LIMITED WARRANTY

• US and foreign patents licensed from Dolby Laboratories Licensing Corporation.

# 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.

### **MINIMIZE DISPLAY VIEWING WHILE DRIVING.**

Viewing the display may distract the driver from looking ahead of the vehicle and cause an accident.

### **DO NOT DISASSEMBLE OR ALTER.**

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

### **USE THIS PRODUCT FOR MOBILE 12V APPLICATIONS.**

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

### **USE THE CORRECT AMPERE RATING WHEN REPLACING FUSES.**

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

### **DO NOT EXPOSE THIS PRODUCT TO RAIN OR MOISTURE.**

Doing 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.

## 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 Center for repairing.

### **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.

## 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 Disc 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**

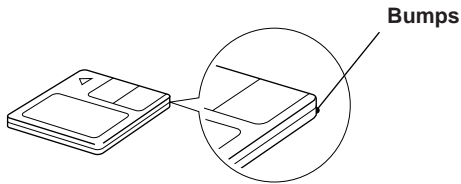
If you have problems, do not attempt to repair the unit yourself. Return it to your Alpine dealer or the nearest Alpine Service Station for servicing.

---

## New Discs

### Before inserting an MD

Never install warped or irregular shaped MD into this unit. Use your finger to feel around the outer edge of the MD to make sure there are no irregularities. Inserting defective or damaged MD could severely damage the mechanism.



---

## Using an MD

Check and ensure the following:

Under no circumstances should you open the MD's shutter and touch the inside of the disc. Do not expose the MD to direct sunlight. Place only 1 label in its proper position. Make sure the MD is clean before inserting into the player.

---

## Sound Skips

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

---

## Installation Location

Make sure the MDM-7741 will not be exposed to:

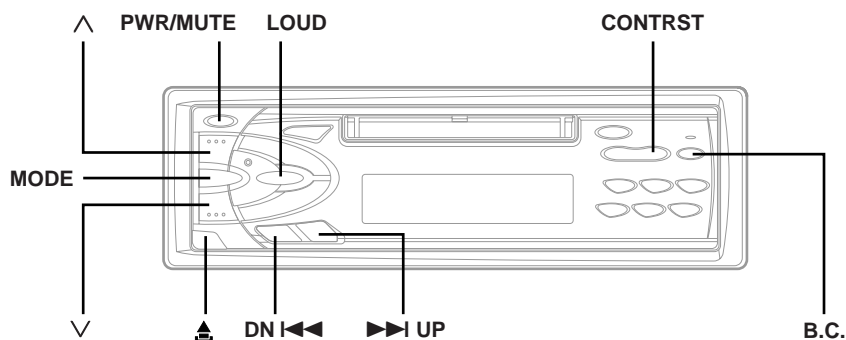
- Direct sun and heat
- High humidity
- Excessive dust
- Excessive vibrations

---


## Handling the Detachable Front Panel

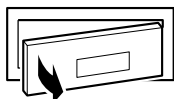
- Do not expose to rain or water.
- Do not drop or apply shock.

# Basic Operation



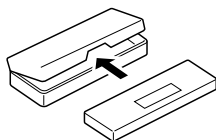
## Detaching the Front Panel

- 1 Press the **PWR** (Power) button for more than 3 seconds to turn off the power.
- 2 Press the  (Release) button at lower left corner until the front panel pops out.
- 3 Grasp the left side of the front panel and pull it out.



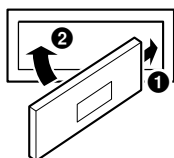
### NOTES

- The front panel may become hot in normal usage (especially the connector terminals), this is not 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 2 small holes on the front panel with the 2 projections on the main unit.
- 2 Push the left side of the front panel until it locks firmly into the main unit.



### NOTE

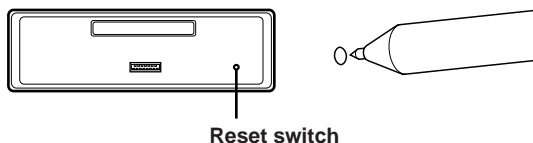
Before attaching the front panel, make sure that there is no dirt or dust on the connector terminals and no foreign object between the front panel and the main unit.

### Remote Controllable

This unit can be controlled with an optional Alpine remote control. For details, consult your Alpine dealer.

## Initial System Start-Up

Immediately after installing or applying power to the unit, it should be initialized. To do this, first, remove the detachable front panel. Behind the front panel, to the right of the connector, there is a small hole. Using a pencil or other pointed object, press the red reset button mounted behind this hole to complete the initialization procedure.



## Turning Power On and Off

- 1 Press the **PWR** (Power) button to turn on the unit.

### NOTE

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

The volume level gradually increases to the previous level you were listening to before the unit was turned off. Press the PWR button for more than 3 seconds to turn off the unit.

### NOTE

The very first time the power is turned on, the volume will start from level 12, in the tuner mode, and the LOUD function will be on.

## Subwoofer On and Off

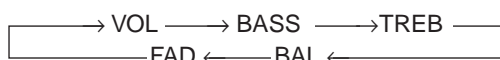
- 1 Press and hold the **▲**(Eject) button for at least 3 seconds.  
With each press, subwoofer is toggled On or Off.

### NOTES

- Initial mode is "SUBW OFF."
- Set to "SUBW OFF" unless the subwoofer is used.
- When the subwoofer is turned on, the subwoofer output level can be adjusted. For more details, refer to the Adjusting Volume/Bass/Treble/Balance/Fader.

## Adjusting Volume/Bass/Treble/Balance (Between Left and Right)/Fader (Between Front and Rear)

- 1 Press the **MODE** button repeatedly to choose the desired mode.  
Each press changes the modes as follows:



### NOTES

- If the **∨** or **∧** button is not pressed in 5 seconds after selecting the **BASS**, **TREBLE**, **BALANCE**, or **FADER** mode, the unit automatically sets in the **VOLUME** mode.
- When the subwoofer is set to **ON**, the level of the subwoofer can be adjusted.

- 2 Press the **∨** and **∧** buttons until the desired sound is obtained in each mode.

### NOTE

The settings of the Bass and Treble will be individually memorized for each source (FM, AM and MD) until the setting is changed. Depending on the connected devices, some functions and display indications do not work.

## Turning Loudness On/Off

Loudness introduces a special low- and high-frequency emphasis at low listening levels. This compensates for the ear's decreased sensitivity to bass and treble sound.

- 1 Press and hold the **LOUD** button activate or deactivate the loudness mode.  
The display shows "LD" when the loudness mode is activated.

## Audio Mute Function

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

- 1 Press the **MUTE** button to 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.

## Setting Bass Frequency

The bass control center frequency can be set at 60, 80, 100 or 200 Hz.

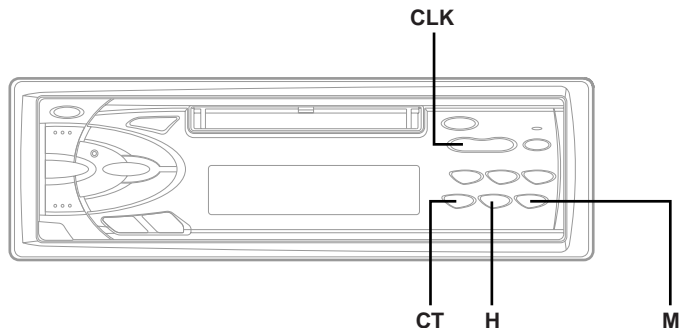
- 1 Press and hold the **B.C.** (Bass Control) button for at least 3 seconds to turn on the bass control settings.
- 2 Press the **DN** **◀◀** or the **▶▶** **UP** button to select the desired Bass center frequency. Each press changes the center frequency as follows: 60 Hz, 80 Hz, 100 Hz and 200 Hz.  
**NOTE**  
If no buttons are pressed within 5 seconds, the bass control settings will be turned off automatically.
- 3 Press and hold the **B.C.** (Bass Control) button for at least 3 seconds to turn off the bass control settings.

## Adjusting the Contrast

Under certain conditions the dot-matrix display may be difficult to read. The contrast can be adjusted (bright or dark) to improve visibility.

- 1 Press and hold the **CNTRST** button for at least 3 seconds.
- 2 Then within 5 seconds press the **DN** **◀◀** or **▶▶** **UP** buttons until you clearly see the display. The contrast can be adjusted in 10 steps from -5 to +5.
- 3 After the adjusting, press and hold the **CNTRST** button for at least 3 seconds to return to the normal mode.

# Basic Operation



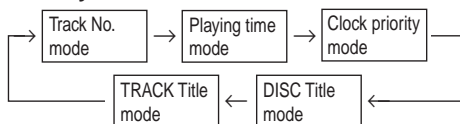
## Displaying Time

- 1 Press the **CLK** (clock) button repeatedly until the clock time is displayed.  
Each press changes the modes as follows:

### Radio/Changer modes



### MD Player mode



### NOTE

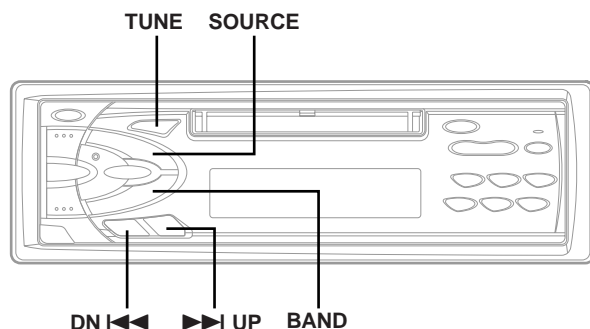
Selecting any tuner or MD function while in the clock priority mode will interrupt the time display momentarily. The function selected will be displayed for about 5 seconds before the time returns to the display.

## Setting Time

- 1 While the clock time is displayed, press and hold the **CLK** (clock) button for at least 3 seconds. The time indication will begin to blink.
- 2 Press the **CT** button while the time indication is blinking to set seconds to "0".
- 3 Press the **"H"** button to adjust the hours while the time indication is blinking.
- 4 Press the **"M"** button to adjust the minutes while the time indication is blinking. The time indication will stop blinking 5 seconds after the last adjustment. The time will automatically be set.



# Radio Operation



## Manual Tuning

- 1 Press the **SOURCE** button until a radio frequency appears in the display.
- 2 Press the **BAND** button repeatedly until the desired radio band is displayed. Each press changes the band:  
→ F1 → F2 → AM →
- 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 **DN** or **UP** button to move downward or upward one step respectively until the desired station frequency is displayed.

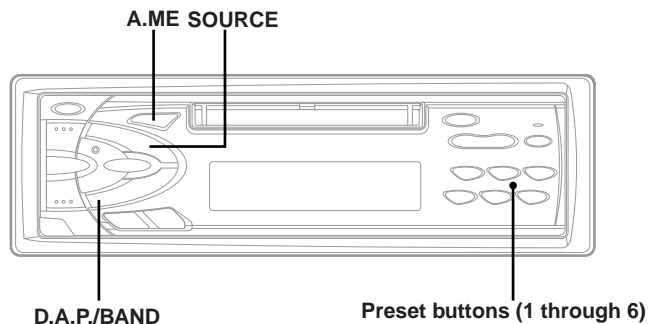
**NOTE**

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

## Automatic Seek Tuning

- 1 Press the **SOURCE** button until a radio frequency appears in the display.
- 2 Press the **BAND** button repeatedly until the desired radio band is displayed. Each press changes the band:  
→ F1 → F2 → AM →
- 3 Press the **TUNE** button to illuminate the DX and SEEK indicators in the display. With the DX (Distance) 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 remain illuminated. Now, only strong stations will be tuned.
- 4 Press the **DN** or **UP** button to automatically seek for 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.

# Radio Operation



## 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 and hold any one of the **Preset buttons (1 through 6)** for at least 2 seconds until the station frequency on the display blinks.
- 3 Press the **Preset** button into which you wish to store the station while the frequency display is blinking (within 5 seconds). The display stops blinking once the station has been memorized. The display shows the band, preset No. with a triangle ( $\triangle$ ) and station frequency memorized.
- 4 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, AM and D.A.P.).

### 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 **SOURCE** button to select the radio mode.
- 2 Press the **BAND** button repeatedly until the desired radio band is displayed.
- 3 Press and hold the **A. ME** button for at least 2 seconds. The frequency on the display continues to change while the automatic memory is in progress. The tuner will automatically seek and store 6 strong stations in the selected band. They will be stored into presets 1 to 6 buttons in order of signal strength. 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.*

## Storing into Direct Access Preset (D.A.P.) Band

---

A combination of radio stations in any band (up to 6 stations) can be manually preset into the D.A.P. band.

- 1 Press and hold the **D.A.P.** button for more than 2 seconds until the D.A.P. indicator appears.

Press the **BAND** button to select FM or AM.

The selected band will be displayed.

To memorize stations onto the D.A.P. band, follow the steps for the Automatic or Manual Storing of Station Presets section above.

### **NOTE**

*This function can be used together with the Automatic Memory Preset.*

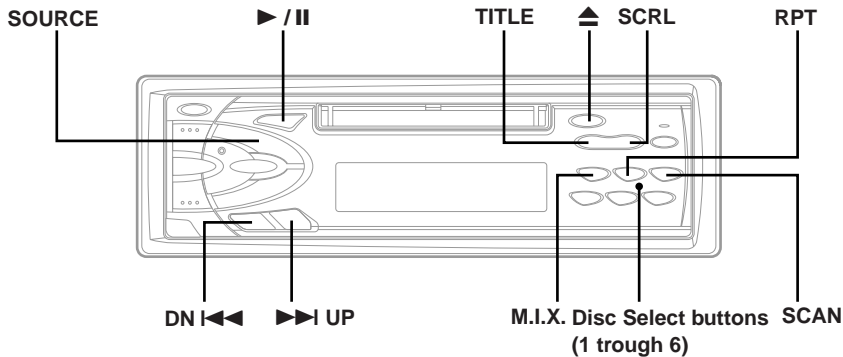
To cancel the D.A.P. mode, press and hold the D.A.P. button for more than 2 seconds. The D.A.P. indicator will turn off.

## Tuning to Preset Stations

---

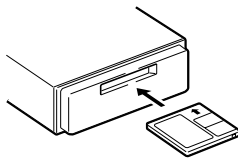
- 1 Press the **SOURCE** button to select the radio mode.
- 2 Press the **BAND** button repeatedly until the desired band is displayed.  
  
To select the D.A.P. band, press and hold the D.A.P. button for more than 2 seconds until the D.A.P. indicator appears in the display.
- 3 Press the station **Preset** 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.

# MD Player Operation



## Normal Play and Pause

- 1 Insert a MD. The MD player begins playback from the first track on the MD.



When an MD is already inserted, press the SOURCE button to set the mode to MD. The mode will change each time the button is pressed.

### NOTE

*Insert the MD in the direction the arrow indicates with the label facing up.*

- 2 Press the ▶/II button during MD play to temporarily pause the MD play.

To resume the MD play, press the ▶/II button again.

- 3 Press the ▲ (Eject) button when you want to eject the MD.

### NOTES

- Insert only one MD at a time into the unit.
- Make sure the MD is clean before inserting into the unit.
- Do not insert MDs with layered or peeling labels.
- Do not insert an MD with the ignition off. Forcing an MD into the unit will cause damage to the mechanism.
- Do not pull on the MD when it is being inserted automatically into the unit.

## Music Sensor (Skip)

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

Press the ▶▶ UP button once to advance to the beginning of the next track. If you wish to access the beginning of 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 DN ◀◀ or ▶▶ UP button to quickly move backward or forward until you reach the desired section of the track.

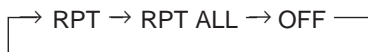
## Repeat Play

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

Press the RPT button again and select OFF to deactivate the repeat play.

### NOTE

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



### NOTE

In case a 6-disc CD changer is connected: In CD changer mode, press the "F" button to illuminate the "F" indicator and go to step 1.

## 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. After all the tracks on the disc have been played back once, the player will begin a new random sequence play until the M.I.X. mode is cancelled.

To cancel M.I.X. play, press the M.I.X. button again to turn off the M.I.X.

### NOTE

In case a 6-disc CD changer is connected: In CD changer mode, press the "F" button to illuminate the "F" indicator and go to step 1.

## Scanning Programs

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

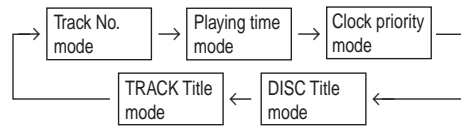
To stop scanning, press the SCAN button and deactivate the Scan mode.

### NOTE

In case a 6-disc CD changer is connected: In CD changer mode, press the "F" button to illuminate the "F" indicator and go to step 1.

## To Display MD Title

- 1 Press the **TITLE** button during play back of MD. Select the DISC title or TRACK title mode.



### NOTE

If no MD text nor track name has been entered, "NO TITLE" will be displayed.

- 2 For title displays exceeding 8 characters, press the **SCRL** button. The title is scrolled one line at a time. After the scrolling is completed, the unit returns to the normal mode.

### NOTES

- Some characters may not be displayed correctly with this device, depending on the character type.
- Scrolling may be automatic in some cases.

## Controlling CD Changer (Optional)

If an optional Alpine 6-disc CD Changer is connected to the 8-pin DIN connector (M-Bus) of the MDM-7741, you can control the CD changer using the MDM-7741.

### NOTE

The CD controls on the MDM-7741 for the CD changer operation are functional only when the CD Changer is interconnected with the MDM-7741.

- 1 Press the **SOURCE** button to activate the CHANGER mode. The display shows the disc number and track number.
- 2 Press the **Disc Select buttons (1 through 6)** corresponding to one of the discs loaded in the CD Changer. The selected disc number appears in the display and CD playback starts.

### NOTES

- After selecting the desired disc, you can operate in the same way as for the MDM-7741 player. For details, please see the MD Player Operation section.
- If the "F" indicator is illuminated the Disc Select buttons become nonfunctional.

# Information

## In Case of Difficulty

---

If you encounter a problem, 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 button with a ball-point 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.
- 

### MD

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#### The MD could not be inserted.

- Another MD is already inserted.
  - Eject the inserted MD and insert the MD.
- The MD is inserted incorrectly.
  - Insert the MD correctly.

#### Sound skips due to vibration.

- Improper mounting.
  - Securely re-mount the unit.

#### Sound skips without vibration.

- Dirty or scratched MD. Bad recording condition.
  - Change the MD.

#### The play back won't start.

- Dirty or scratched MD. Bad recording condition. A non-recorded MD. Not a music MD.
  - Change the MD.
- Dew condensation.
  - Wait for a while before using.

#### The power turns on but the playback won't start.

- The sound volume level of the head unit is adjusted to minimum.
  - Increase the sound volume of the head unit.

## Indication for CD Changer

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### HI TEMP

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

### ERROR

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- 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

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

### NO DISC

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- No indicated disc.
    - Choose another disc.
- 

## Specifications

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### FM TUNER SECTION

Tuning Range	87.7 – 107.9 MHz
Mono Usable Sensitivity	9.3 dBf (0.8 $\mu$ V/75 ohms)
50 dB Quieting Sensitivity	13.5 dBf (1.3 $\mu$ V/75 ohms)
Alternate Channel Selectivity	80 dB
Signal-to-Noise Ratio	65 dB
Stereo Separation	35 dB
Capture Ratio	2.0 dB

### AM TUNER SECTION

Tuning Range	530 – 1,710 kHz
Sensitivity (IEC Standard)	22.5 $\mu$ V/27 dB

### MD PLAYER SECTION

Frequency Response	20 – 20,000 Hz ( $\pm$ 0.5 dB)
Wow & Flutter (% WRMS)	Bleow measurable limits
Dynamic Range	90 dB (at 1 kHz)
Signal-to-Noise Ratio	105 dB

### GENERAL

Power Requirement	14.4 V DC (11–16 V allowable)
Maximum Power Output	40 W $\times$ 4
Maximum Pre-Output Voltage	2 V/10 k ohms
Bass	$\pm$ 14 dB at 60 Hz
Treble	$\pm$ 14 dB at 10 kHz
Weight	1.1 kg (2.4 lbs. 3.8 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	21.5 mm (7/8")

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

# 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 ALLOW CABLES TO BECOME ENTANGLED IN SURROUNDING OBJECTS.**

Arrange wiring and cables in compliance with the manual to prevent obstructions when driving. Cables or wiring that obstruct or hang up on places such as the steering wheel, gear lever, brake pedals, etc. can be extremely hazardous.

### **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.

### **KEEP SMALL OBJECTS SUCH AS BOLTS OR SCREWS OUT OF THE REACH OF CHILDREN.**

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

## 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 wires 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 MDM-7741. This will reduce any chance of damage to the unit in case of a short-circuit.
- Be sure to connect the color 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 MDM-7741 to the fuse box, make sure the fuse for the intended circuit of the MDM-7741 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 MDM-7741 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

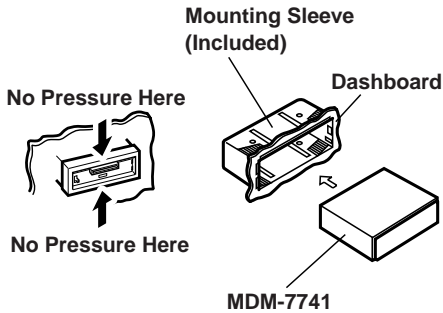
Please record the serial number of your unit in the space provided below and keep it as a permanent record. The serial number plate is located on the bottom of the unit.

SERIAL NUMBER: \_\_\_\_\_  
INSTALLATION DATE: \_\_\_\_\_  
INSTALLATION TECHNICIAN: \_\_\_\_\_  
PLACE OF PURCHASE: \_\_\_\_\_



# Installation

1

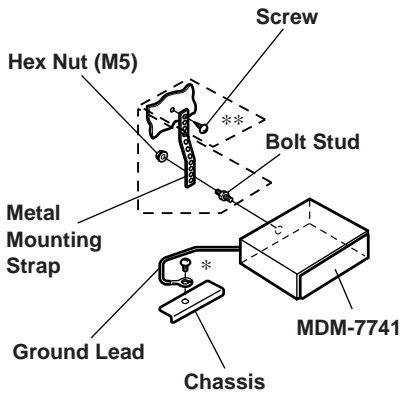


Remove the Detachable Front Panel (refer to page 4). Slide mounting sleeve from main unit (See "Removal" on this page). Slide the mounting sleeve into the dashboard.

**NOTE**

Please examine the installation. Make certain that no external pressure is applied to either the top of the unit or the removable nosepiece.

2



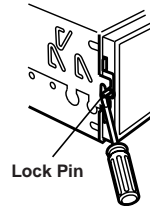
Reinforce the head unit with the metal mounting strap (not supplied). Secure the ground lead of the unit to a clean metal spot using a screw (\*) already attached to the vehicle's chassis.

**NOTE**

For the screw marked \*\*, use an appropriate screw for the chosen mounting location.

Connect each input lead coming from an amplifier or equalizer to the corresponding output lead coming from the left rear of the MDM-7741. Connect all other leads of the MDM-7741 according to details described in the CONNECTIONS section.

3

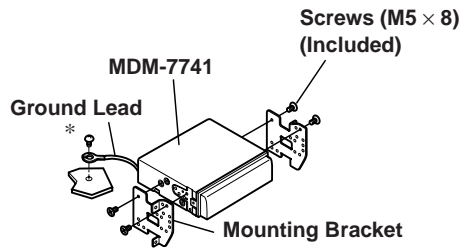
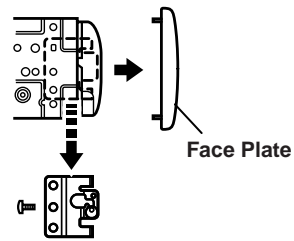


Slide the MDM-7741 into the dashboard. When the unit is in place, make sure the locking pins are fully seated in the down position. This can be done by pressing firmly in on the unit while pushing the locking pin down with a small screwdriver. This ensures that the unit is properly locked and will not accidentally come out from the dashboard. Install the Detachable Front Panel.

**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 above drawing). 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>**

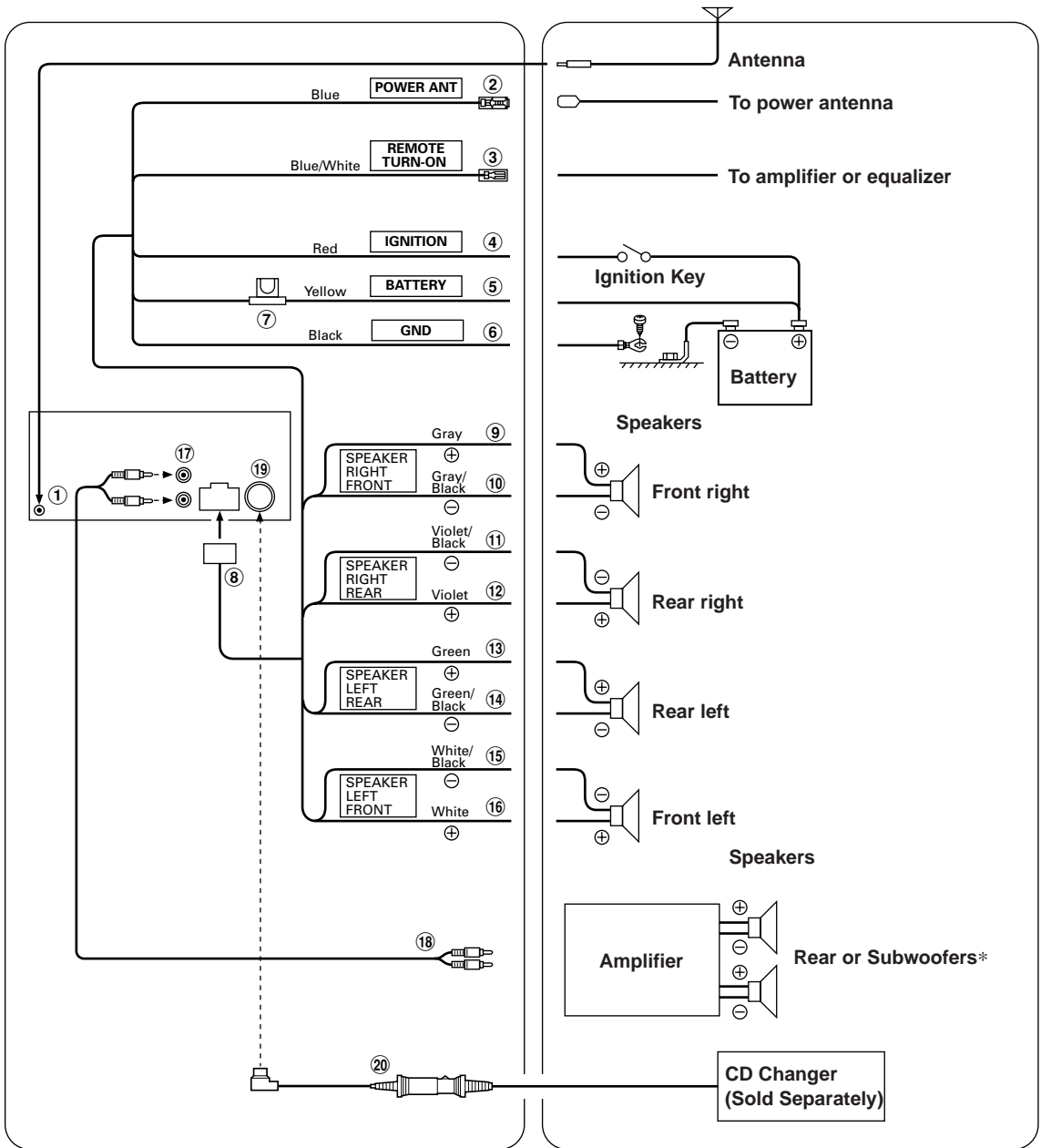


**NOTE**

Secure the ground lead of the unit to a clean metal spot using a screw (\*) already attached to the vehicle's chassis.

# Installation and Connections

## Connections



\* When Subwoofer is set to OFF: Output is from Rear speakers.  
 When Subwoofer is set to ON: Output is from Subwoofer.

For details on how to set the Subwoofer to ON/OFF, see "Subwoofer On and Off" on page 5.

- ① Antenna Receptacle
- ② 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.*
- ③ Remote Turn-On Lead (Blue/White)  
Connect this lead to the remote turn-on lead of your amplifier or signal processor.
- ④ 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.
- ⑤ Battery Lead (Yellow)  
Connect this lead to the positive (+) post of the vehicle's battery.
- ⑥ 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.
- ⑦ Fuse Holder (15A)
- ⑧ Power Supply Connector
- ⑨ Right Front (+) Speaker Output Lead (Gray)
- ⑩ Right Front (-) Speaker Output Lead (Gray/Black)
- ⑪ Right Rear (-) Speaker Output Lead (Violet/Black)
- ⑫ Right Rear (+) Speaker Output Lead (Violet)
- ⑬ Left Rear (+) Speaker Output Lead (Green)
- ⑭ Left Rear (-) Speaker Output Lead (Green/Black)
- ⑮ Left Front (-) Speaker Output Lead (White/Black)
- ⑯ Left Front (+) Speaker Output Lead (White)
- ⑰ Rear/Subwoofer RCA Connectors  
RED is right and WHITE is left.
- ⑱ RCA Extension Cable (Sold Separately)
- ⑲ DIN Connector  
Connect this to the DIN connector on the CD Changer.
- ⑳ DIN Extension Cable (Sold Separately)  
**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).*

**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 the coating 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 Alpine noise suppressors, contact them for further information.
- Your Alpine dealer knows best about noise prevention measures so consult your dealer for further information.