



DVD-Audio / Video Tuner

DVI-9990R

Alpine F#1 StatusTM

////ALPINE[®]



DVI-9990R

DVD-Audio/Video Tuner

- 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.



MP3

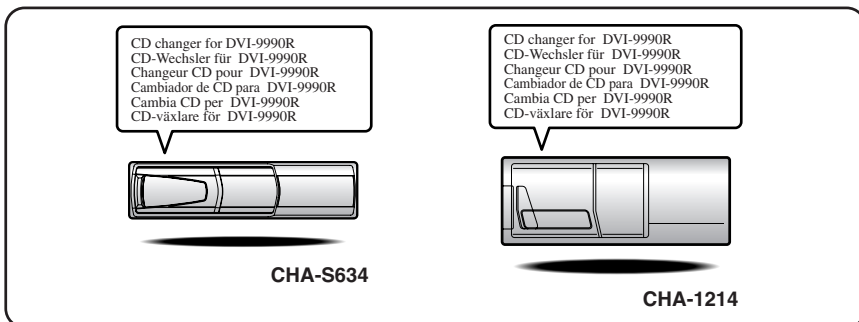


DAB
CONTROL



MLP
LOSSLESS

If you connect this unit with a changer, the Ai-NET/IONBUS converter KCI-500B (sold separately) is necessary.



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.

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.

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.

¡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.

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.

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.

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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.

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.

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.

DO NOT MIX NEW BATTERIES WITH OLD BATTERIES. INSERT WITH THE CORRECT BATTERY POLARITY.

When inserting the batteries, be sure to observe proper polarity (+ and -) as instructed. Rupture or chemical leakage from the battery may cause fire or personal injury.

PRECAUTIONS

Product Cleaning

Use a soft dry cloth for periodic cleaning of the product. For more severe stains, please dampen the cloth with water only. Anything else has the chance of dissolving the paint or damaging the plastic.

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.

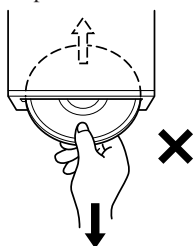
Maintenance

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.

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

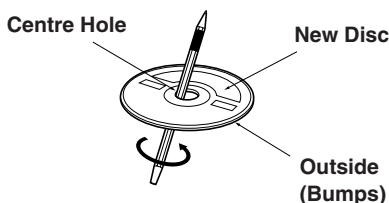
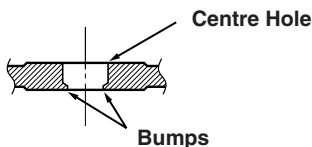
Your player accepts only one disc at a time for playback. Do not attempt to load more than one disc.

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 Disc from jamming, the DVD 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.



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 DVI-9990R will not be installed in a location subjected to:

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

Correct Handling

Do not drop the disc while handling. Hold the disc so you will not leave fingerprints on the surface. Do not affix tape, paper, or gummed labels to the disc. Do not write on the disc.



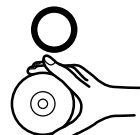
INCORRECT



CORRECT



CORRECT



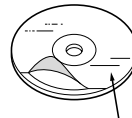
Disc Cleaning

Fingerprints, dust, or soil on the surface of the disc could cause the DVD 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.

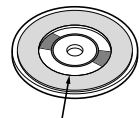


Disc Accessories

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 DVD players.



Transparent Sheet







Disc Stabilizer

Discs playable on this unit

Playable Discs

The discs listed below can be played on this unit.

	Mark (logo)	Recorded content	Disc size	Max. playing time
DVD Audio		Audio + Video (Moving pictures)	12 cm*	One-sided disc Approx. 4 hours Two-sided disc Approx. 8 hours
			8 cm	One-sided disc Approx. 80 Minutes Two-sided disc Approx. 160 Minutes
DVD Video		Audio + Video (Moving pictures)	12 cm*	One-sided disc Approx. 4 hours Two-sided disc Approx. 8 hours
			8 cm	One-sided disc Approx. 80 Minutes Two-sided disc Approx. 160 Minutes
Video CD		Audio + Video (Moving pictures)	12 cm	Approx. 74 Minutes
			8 cm	Approx. 20 Minutes
Music CD		Audio	12 cm	Approx. 74 Minutes
			8 cm (CD single)	Approx. 20 Minutes

* Two-layer DVD disc compatible

Discs that cannot be played

DVD-ROMs, DVD-RAMs, DVD + Rs, DVD + RWs, CD-ROMs (excluding MP3/WMA files), photo CDs, etc.

DVD region number (playable region number)

This DVD head unit will play back any disc whose region number is 2 (or All). DVDs with a region number other than those listed below, cannot be played on this DVD player.



Video CDs

This DVD head unit is compatible with playback control (PBC) compatible video CDs (version 2.0).

“PBC” is a function by which you can use menu screens recorded on the disc to find the scene you want to watch and view various types of information in dialog style.

Using compact discs (CD/CD-R/CD-RW)

If you use unspecified compact discs, correct performance cannot be guaranteed. You can play CD-Rs (CD-Recordable)/CD-RWs (CD-ReWritable) which have been recorded only on audio devices. You can also play CD-Rs/CD-RWs containing MP3/WMA formatted audio files.

- Some of the following Discs may not play on this unit:
Flawed Discs, Discs with fingerprints, Discs exposed to extreme temperatures or sunlight (e.g., left in the car or this unit), Discs recorded under unstable conditions, Discs on which a recording failed or a re-recording was attempted, copy-protected CDs which do not conform to the audio CD industry standard.
- Use discs with MP3/WMA files written in a format compliant with this unit. For details, see page 122 and 123.

To customers using CD-R/CD-RW

- If a CD-R/CD-RW cannot be played back, make sure the last recording session was closed (finalized).
- Finalize the CD-R/CD-RW if necessary, and attempt playback again.

Tips for making your own CDs

The DVI-9990R plays DVD Audio, DVD Video, Video CD, Audio CD and has a built in MP3/WMA decoder.

The following information is designed to help you create your own music CDs (either Audio CD or MP3/WMA encoded CD-R/RW files).

What is the difference between an Audio and MP3/WMA CD? An Audio CD is the same format as the commercial CDs you buy in the store (also known as CD-DA). MP3 (MPEG-1 Audio Layer 3)/WMA (Windows Media Audio) is a data file that uses a compression scheme to reduce the size of the music file.*

Hybrid Audio CD and Data (MP3/WMA) CD-R/RW discs: The DVI-9990R can read either sector on the disc. Choose CD-DA to play the CD audio section or MP3/WMA to play the MP3/WMA section.*

Multisession CD-R/RW: Once a recording has been stopped, this is considered one session. If the disc is not closed (finalized), additional data may be added. Once this additional data has been recorded, this becomes a "multisession" CD. The DVI-9990R can only read multisession DATA Formatted discs (MP3/WMA files - Not Audio CD files).

MP3 ID3 Tag/WMA Tag Information: The DVI-9990R read and displays MP3 ID3v1 tag or WMA tag information. MP3 files created with ID3v2 tag information can be played back but the tag info cannot be read or displayed.

Properly formatted MP3/WMA Discs: Use ISO9660 formatting to insure proper playback. You may use standard ISO naming Level 1 (8.3 DOS standard), Level 2 (32 characters) or Joliet, (Windows or Macintosh long filenames) file naming conventions.*

* Please consult the Owner's manual for additional information.

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.
- Clean the disc when it is dusty.
- Make sure that the disc is smooth and flat.
- 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 disc and you may not be able to play it again.

Using DVD-Rs/DVD-RWs

- This unit is compatible only with discs recorded in the DVD-Video mode. Discs recorded in the DVD-VR mode cannot be played back.
- Note that discs not finalized (processed to enable to play on playback-only DVD players) cannot be played on this DVD player.
- Some discs may not play back, depending on the recording device. (This unit has a copy protection function. Discs copied illegally will not be played back. Some files recorded by a software using an improper recording system may be recognized as illegally copied.)
- In the following cases, the disc may not play on this unit: discs recorded by certain DVD recorders, certain irregular discs, flawed discs, dirty discs, when the pickup lens of this DVD player is dirty, or when moisture condensation has occurred inside the unit.
- Be sure to follow all cautions included with your DVD-Rs/DVD-RWs discs.
- Do not put stickers, seals, or tape on the label side of DVD-Rs/DVD-RWs.
- Compared to the regular discs, DVD-Rs/DVD-RWs are more affected by heat, moisture, and direct sunlight. If left in a car, etc., damage may occur and it might not play on this unit.

* *This product incorporates copyright protection technology that is protected by method claims of certain U.S. patents and other intellectual property rights owned by Macrovision Corporation and other rights owners. Use of this copyright protection technology must be authorized by Macrovision Corporation, and is intended for home and other limited viewing uses only unless otherwise authorized by Macrovision Corporation. Reverse engineering or disassembly is prohibited.*

* *Manufactured under license from Dolby Laboratories. "Dolby", "Pro Logic", "MLP Lossless" and the double-D symbol are trademarks of Dolby Laboratories.*

* *"DTS" is a registered trademark of Digital Theater Systems, Inc.*

* *Windows Media and the Windows logo are trademarks, or registered trademarks of Microsoft Corporation in the United States and / or other countries.*

Using This Manual

This document describes the direct operation of the DVI-9990R and its operation using the supplied remote control (RUE-4197). When using the remote control, change the position of the switch on the rear side of the remote control, to "H/U".

Indicates the types of compatible disc formats.



Remote control icon

Indicates operations performed with the remote control unit.

Main unit icon

Indicates operations performed on the main unit.

Button name

Buttons to be operated are indicated in bold.

2Sec/3Sec icon

Indicates that the specified remote control button should be pressed and held for more than 2 or 3 seconds.

Continued (Next page)

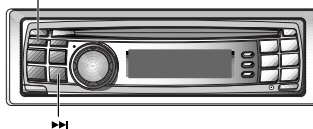

Indicates that the description of the operation continues on the next page.

Supplement icon

Indicates that there is supplementary information on another page.


Alpine F1Status

DVD Audio/DVD Video/Video CD


Playing still frames (pausing)

DVD-A
DVD-V
Video CD




1 During playback, press **▶/■** once.

...




2 Press **▶/■** to resume playback.


...



...



...



- No sound is played during the still frame mode.
- The image or sound may stop temporarily when playback starts from the pause mode. This is not a malfunction.

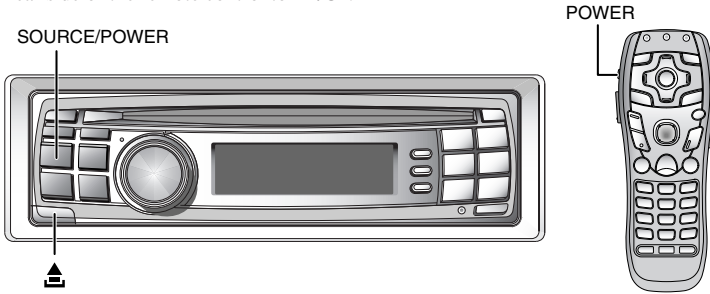
Continued

Supplement See page 52 for supplementary information.

36-EN

Basic Operation


When operating the DVI-9990R with the supplied remote control, change the position of the switch on the rear side of the remote control to "H/U".



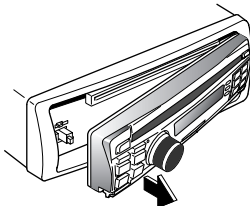
Detaching the Front Panel



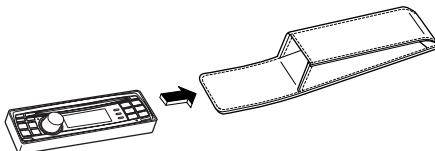
1 Press and hold **SOURCE/POWER** for more than 3 seconds to turn off the power.

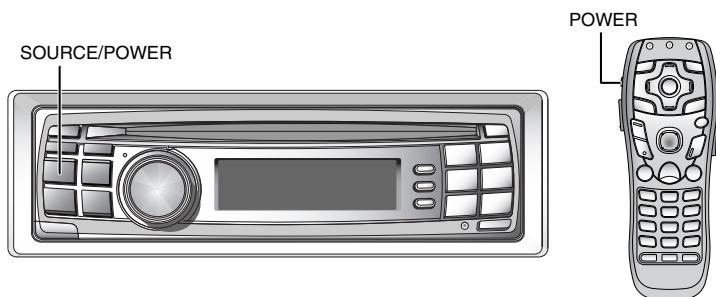
2 Press  (Release) at lower left corner until the front panel pops out.

3 Grasp the left side of the front panel and pull it out.



- 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.





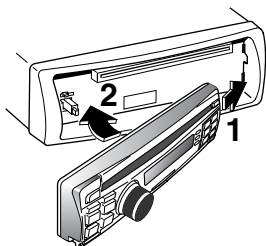
Attaching the Front Panel



The following operation is performed from the main unit.

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

- 2 Push the left side of the front panel until it locks firmly into the main unit.



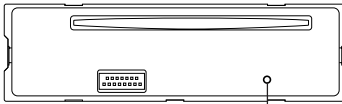
- Before attaching the front panel, make sure that there is no dirt or dust on the connector terminals and no foreign object between the front panel and the main unit.

Initial System Start-Up

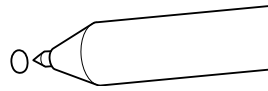
Make sure that the Power is turned off. When the power is on, press and hold **SOURCE/POWER** for at least 3 seconds to turn off the power.

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 ball-point pen or other pointed object, press the reset switch mounted behind this hole to complete the initialization procedure.



RESET switch



Turning Power On or Off

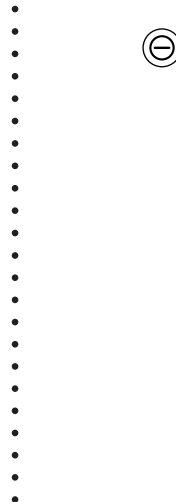
The power of the DVI-9990R cannot be switched on unless the Multimedia Manager (PXI-H990), sold separately, or a DAC unit (DAI-C990), sold separately, is connected. Refer to the user manual supplied with the PXI-H990 for operating the separately sold multi media manager (PXI-H990).

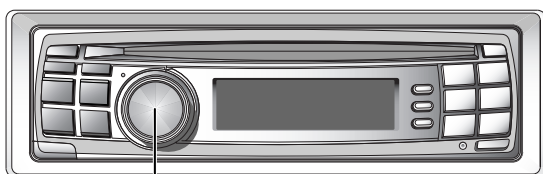


1 Press **SOURCE/POWER** to turn on the unit.

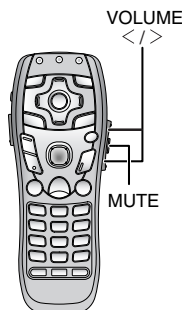
- The unit can be turned on by pressing any other button except the eject ▲, ⊖ **TITLE** and ▲.
- “AUDIO PROCESSOR SETTING” appears on the front panel of the main unit at Power ON, source switching, disc reading operation or when changing a sampling rate for MP3/WMA or DVD audio disc. During appearing the message, all operations except for Power ON/OFF or SOURCE switching operation cannot be allowed. After disappearing the message, perform the operation.

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





Rotary encoder



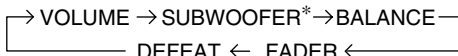
Adjusting the Volume/Balance (Between Left and Right)/Fader (Between Front and Rear)/Defeat



It is first necessary to set the speaker if combining with the Multimedia Manager (PXI-H990). Refer to “Setting the Speakers” in the PXI-H990 Owner’s Manual.

- 1 Press **Rotary encoder** repeatedly to choose the desired mode.

Each press changes the modes as follows:



Volume : $-\infty$ (MIN) ~ 0dB (MAX)

Balance : L15 ~ R15

Fader: R15 ~ F15

Subwoofer: 0 ~ 15

Defeat: ON/OFF

- The actual displayed contents are different.

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

Setting defeat ON will turn MX of PXI-H990 side OFF and returns the EQ, etc. settings to their initial values. When the DAI-C990 is connected, DEFPEAT is not displayed.

- * When the PXI-H990 is connected:
The subwoofer level can be adjusted if the subwoofer is connected, and the subwoofer mode is set to ON in the speaker settings on the PXI-H990.
When the DAI-C990 is connected:
The subwoofer level can be adjusted when the subwoofer is connected.
- If **Rotary encoder** is not pressed within 5 seconds after selecting the BALANCE, FADER, DEFPEAT or SUBWOOFER mode, the unit automatically returns to the VOLUME mode.



- With the remote control only the volume level can be adjusted.



- With the remote control only the volume level can be adjusted.

Lowering Volume Quickly



- 1 Press and hold **Rotary encoder (MUTE)** for more than 2 seconds to activate the MUTE mode. The audio level will decrease by about 20 dB.



MUTE

- 2 Pressing and holding **Rotary encoder (MUTE)** again for more than 2 seconds will bring the audio back to its previous level.

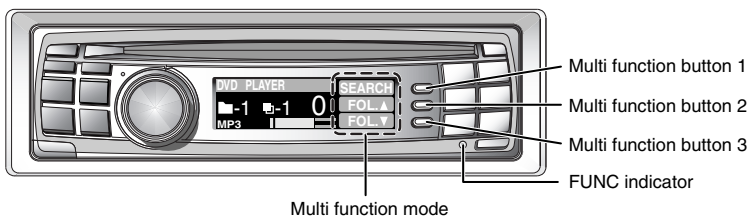
MUTE

About multi function

Various functions can be activated from the multi function mode on the DVI-9990R. This section explains how to use multi function.

Multi function display example

If you press any one of the **multi function buttons 1 to 3**, the FUNC indicator switches off, and then the multi function mode will be displayed on the display for 5 seconds. The operation can be performed by pressing the **multi function buttons 1 to 3** on the right side of the desired multi function mode.

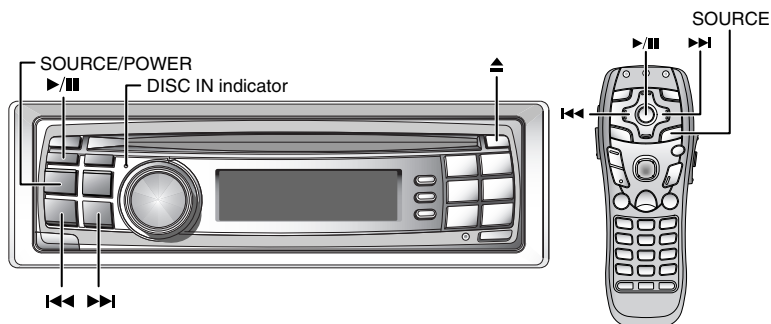


Changing the multi function mode

The multi function mode page can be changed by pressing the **F • SETUP** button. Keep pressing the **F • SETUP** button until the desired multi function mode is displayed.



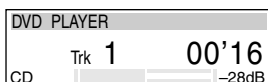
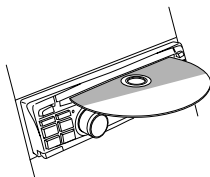
- Depending on the DVI-9990R mode, it is not necessary to change the multi function mode page.



Playback



- 1 Insert a disc with the label side facing up, toward the center part of the slot.



The disc will be pulled into the unit automatically. The DISC IN indicator will light up and the playback will begin.

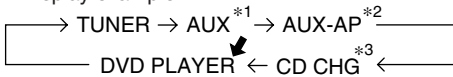
- Some discs require more time before playback starts. This is normal.
- Three-inch (8 cm) CD's can be used.

When a disc is already inserted, press **SOURCE/POWER** to switch to the DVD PLAYER mode.



The mode will change every time the button is pressed.

<Display example>



*1: When the monitor (TMI-M990, sold separately) is connected, press BAND to display the AUX source set in the AUX IN of the AUX IN/S-IN setup operation on the TMI-M990.

*2: AUX is displayed in the DVI-9990R if AUX ON is set in the AUX setup operation in the Multimedia Manager (PXI-H990, sold separately).

*3: Only when the changer is connected.

2 Press ◀◀ or ▶▶ to select the desired track.

Returning to the beginning of the current track:

Press ◀◀.

Fast backward:

Press and hold ◀◀.

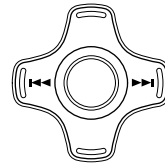
Advancing to the beginning of the next track:

Press ▶▶.

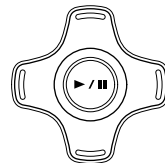
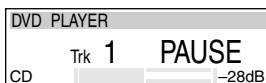
Fast forward:

Press and hold ▶▶.

- Sound is not output during fast forward/fast backward.

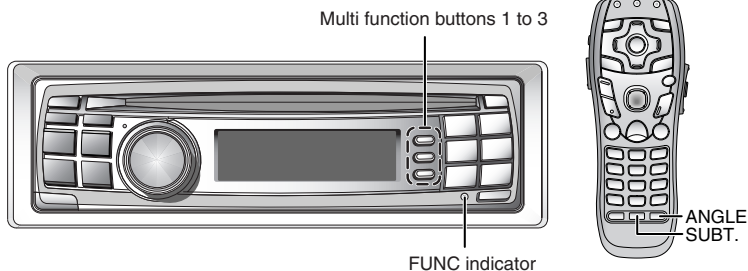


3 To pause playback, press ▶/||. Pressing ▶/|| again will resume playback.



4 To eject the disc, press ▲.

- If the disc does not eject, press and hold ▲ for more than 3 seconds, the disc is ejected.



Scanning Programs



- 1** Press any one of the **multi function buttons 1 to 3**.

The FUNC indicator switches off, and the multi function mode is displayed.

- 2** Press **multi function (SCAN)** within 5 seconds.

The first 10 seconds of each track will be played back in succession.

- 3** If you find a track that you want to hear, press any one of the **multi function buttons 1 to 3**. The track playback continues.

<During changer mode>

- 1) Press any one of the multi function buttons 1 to 3.
- 2) Press multi function (SCAN) within 5 seconds.
- 3) Press multi function (DISC) within 5 seconds. The first 10 seconds of each track will be played back in succession, only the tracks on the disc you have chosen are scanned.
- 4) If you find a track that you want to hear, after performing steps 1) and 2), press multi function (OFF) within 5 seconds. The SCAN mode is switched OFF.

ANGLE

Each time this is pressed, SCAN mode toggles between on and off.

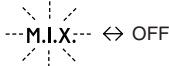
M.I.X. (Random Play)



- 1 Press any one of the **multi function buttons 1 to 3**.

The FUNC indicator switches off, and the multi function mode is displayed.

-
- 2 Press **multi function (M.I.X.)** within 5 seconds and the M.I.X. indicator lights up. The tracks on the disc will be played back in random sequence.



- To cancel M.I.X. play, press **multi function (M.I.X.)** from multi function mode again.

<During changer mode>

“Multi function (DISC)” (© M.I.X.):

Track are played back in random sequence.

“Multi function (ALL)”* (M.I.X. ALL):

The tracks on all the CDs in the current magazine will be included in the random playback sequence.

- * When a CD changer equipped with the M.I.X. All function is connected. MP3 compatible changers are not compatible with M.I.X. ALL.

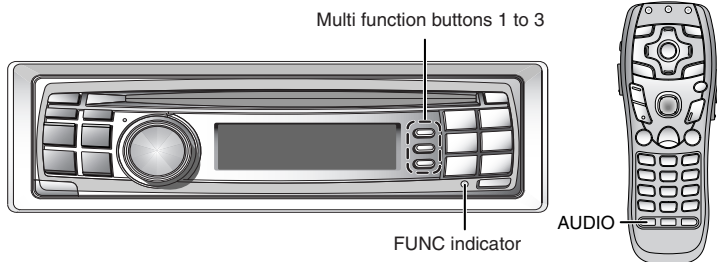
“Multi function (OFF)”:

M.I.X. mode off



SUBT.

Each time this is pressed, M.I.X. mode toggles between on and off.

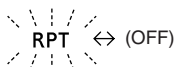


Repeat Play



- 1 During playback, press any one of the **multi function buttons 1 to 3**.
The FUNC indicator switches off, and the multi function mode is displayed.

- 2 Press **multi function (REPEAT)** within 5 seconds and the REPEAT indicator lights up.
The track will be played repeatedly.



Press **multi function (REPEAT)** from multi function mode again and select OFF to deactivate repeat play.



AUDIO

Each time this is pressed, REPEAT mode toggles between on and off.

<During changer mode>

“Multi function (ONE)” (RPT):

Only a track is repeatedly played back.

“Multi function (DISC)” (©RPT):

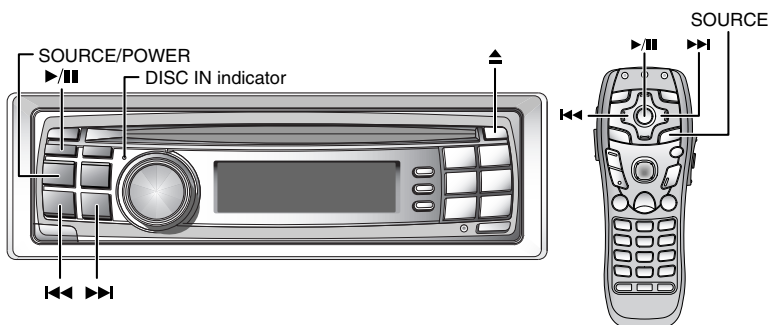
A disc is repeatedly played back.

“Multi function (OFF)”:

REPEAT mode off.



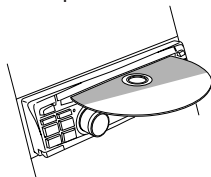
Alpine F1 Status™ MP3/WMA



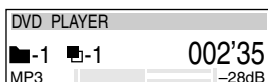
Playing MP3/WMA Files



- 1 Insert a disc containing an MP3/WMA file with the label side facing up, toward the center part of the slot. The disc will be pulled into the unit automatically.



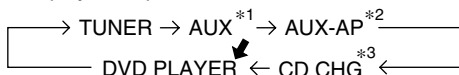
The DISC IN indicator will light up and the playback will begin.



When a disc is already inserted, press **SOURCE/POWER** to switch to the DVD PLAYER mode.

The mode will change every time the button is pressed.

<Display example>



*1: When the monitor (TMI-M990, sold separately) is connected, press BAND to display the AUX source set in the AUX IN of the AUX IN/S-IN setup operation on the TMI-M990.

*2: AUX is displayed in the DVI-9990R if AUX ON is set in the AUX setup operation in the Multimedia Manager (PXI-H990, sold separately).

*3: Only when the changer is connected.

2 Press ◀◀ or ▶▶ to select the desired file.

Returning to the beginning of the current file:

Press ◀◀.

Fast backward:

Press and hold ◀◀.

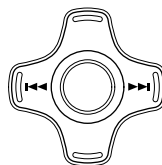
Advancing to the beginning of the next file:

Press ▶▶.

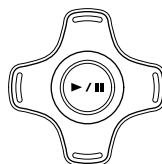
Fast forward:

Press and hold ▶▶.

- Sound is not output during fast forward/fast rewind.
- The fast-reversing operation can be performed in the MP3/WMA mode only when a track (file) is currently being played back.



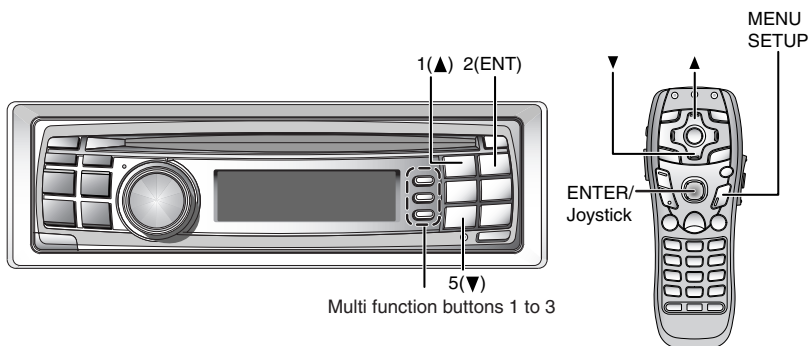
3 To pause playback, press ▶/||. Pressing ▶/|| again will resume playback.



4 To eject the disc, press ▲.

- For MP3/WMA discs, some time may be required until playback starts.
- If the disc does not eject, press and hold the ▲ button for more than 3 seconds, the disc is ejected.
- The DVD-player can play discs containing audio data, MP3 data and WMA data.
- The MP3 indicator is lit during MP3 playback.
- The WMA indicator is lit during WMA playback.
- The track display for MP3/WMA data playback is the file numbers recorded on the disc.

Alpine F1Status™ MP3/WMA



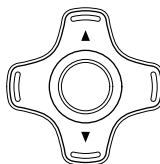
Selecting Folders



- 1 Press any one of the **multi function buttons 1 to 3**.

The FUNC indicator switches off, and the multi function mode is displayed.

- 2 Press **multi function (FOL. ▲)** or **multi function (FOL. ▼)** within 5 seconds to select the folder above or below the current one.



Folder/File Search

You can search through folders and files on a disc and playback the result.



- 1 During MP3/WMA playback, press any one of the **multi function buttons 1 to 3**.
The FUNC indicator switches off, and the multi function mode is displayed.

- 2 Press **multi function (SEARCH)** within 5 seconds.
The multi function display is changed.

- 3 Press **multi function (FOLDER)** or **multi function (FILE)** as you require within 5 seconds, and enter search mode.
The folder name or file name is displayed.

FOLDER : Search for the folder you want from all the folders on the disc.

FILE : Search the files in the current folder being played.

- 4 Press **1 (▲)** or **5 (▼)**, and select to play folder name or file name.

- 5 Press **2 (ENT)**.
The first track in the folder, or the selected file is played back.

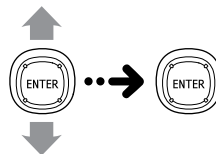
- During search mode, if **6 (RTN)** or **multi function buttons 1 to 3** are pressed, then the search mode is cancelled.



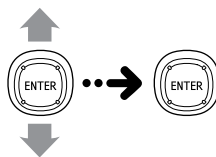
- Remote control operation while viewing the monitor (sold separately).



The folder search screen is displayed.



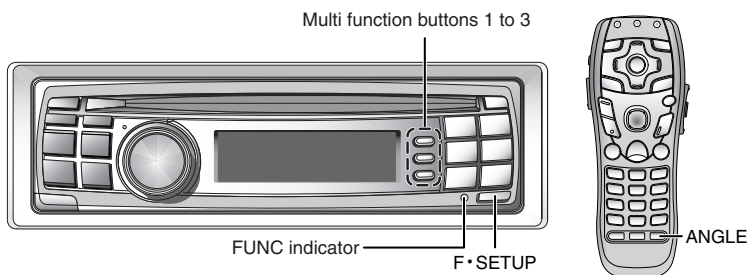
Select the folder you want with the joystick and press **ENTER**.



Select the file you want with the joystick and press **ENTER**.
The selected file is played.

Alpine F1Status™

MP3/WMA



Scanning Programs



- 1 Press any one of the **multi function buttons 1 to 3**.

The FUNC indicator switches off, and the multi function mode is displayed.

- 2 Press **F•SETUP** within 5 seconds.
The multi function mode display is changed.

- 3 Press **multi function (SCAN)** within 5 seconds.
The first 10 seconds of each file will be played back in succession.

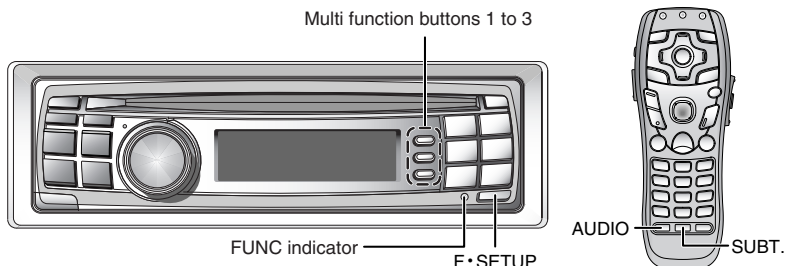
ANGLE

Each time this is pressed, SCAN mode toggles between on and off.

- 4** If you find a track that you want to hear, press any one of the **multi function buttons 1 to 3** within 5 seconds.
The track playback continues.

<During MP3 compatible changer mode>

- 1) Press any one of the multi function buttons 1 to 3.
- 2) Press F • SETUP within 5 seconds.
- 3) Press multi function (SCAN) within 5 seconds.
The multi function mode display is changed.
- 4) Press multi function (DISC) within 5 seconds.
The first 10 seconds of each file will be played back in succession, only the tracks on the disc you have chosen are scanned.
- 5) If you find a track that you want to hear, after performing steps 1) to 3), press multi function (OFF) within 5 seconds.
The SCAN mode is switched OFF.



M.I.X. (Random Play)



- 1 Press any one of the **multi function buttons 1 to 3**.

The FUNC indicator switches off, and the multi function mode is displayed.

- 2 Press **F • SETUP** within 5 seconds.
The multi function mode display is changed.

- 3 Press **multi function (M.I.X.)** within 5 seconds.
The mode changes to M.I.X. mode display.

- 4 Press the required M.I.X. mode within 5 seconds.
 - “Multi function (FOLDER)” (📁 M.I.X.):
Only files in a folder are played back in random sequence.
 - “Multi function (DISC)” (© M.I.X.):
Files are played back in random sequence.
If an MP3 compatible CD changer is connected, all files in a disc are played back in random sequence, and playback shifts to the next disc.
 - “Multi function (OFF)”:
Return to normal playback.



SUBT.

Each time this is pressed, M.I.X. mode changes.

→ 📁 M.I.X. → © M.I.X. → OFF

Repeat Play



- 1 During playback, press any one of the **multi function buttons 1 to 3**.

The FUNC indicator switches off, and the multi function mode is displayed.

-
- 2 Press **F • SETUP** within 5 seconds.
The multi function mode display is changed.

-
- 3 Press **multi function (REPEAT)** within 5 seconds.
The mode changes to REPEAT mode display.

-
- 4 Press the required REPEAT mode.

“Multi function (ONE)” (RPT):

Only a file is repeatedly played back.

“Multi function (FOLDER)” (RPT):

Only files in a folder are repeatedly played back.

“Multi function (OFF)”:

Repeat play is cancelled and return to normal playback.



AUDIO

Each time this is pressed, REPEAT mode changes.



(*During changer mode)

Continued

<During MP3 compatible changer mode>

“Multi function (ONE)” (RPT):

Only a file is repeatedly played back.

“Multi function (FOLDER)” (📁 RPT):

Only files in a folder are repeatedly played back.

“Multi function (DISC)” (📀 RPT):

A disc is repeatedly played back.

“Multi function (OFF)”*:

Repeat play is cancelled and return to normal playback.







* Press **F • SETUP** again after step 3.

The REPEAT MODE display changes.



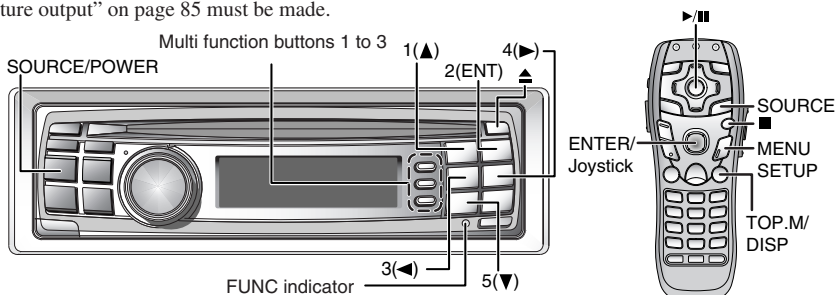
Supplementary information

This page includes supplementary information for pages 20 to 28. Please refer to these pages.

TITLE	Description	Related page
Playing MP3/WMA Files	If you press  TITLE during MP3/WMA playback, you can display the file name, folder name and tag information etc.. For more information, refer to "Displaying the Title/Text" on page 66-67.	 Page 20
	This function even works when MP3/WMA data is mixed on a disc. For more information, refer to "About MP3/WMA" (Page 122-123).	 Page 20
	The track display during CD audio data playback is the track number stored on the disc.	 Page 20
	Depending on the writing software/MP3 conversion software used to create the disc, playback may not be possible. In this case, try other software.	 Page 20
	A WMA format file that is protected by DRM (Digital Rights Management) cannot be played back on this unit.	 Page 20

DVD Audio/DVD Video/Video CD

When viewing DVD Audio/DVD Video/Video CD, a monitor (sold separately) is required. If a separately sold monitor other than the TMI-M990 is connected, the settings in “Changing the picture output” on page 85 must be made.

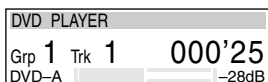


Playing DVD Audio/DVD Video/Video CD

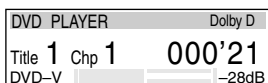


The following operation is performed from the main unit.

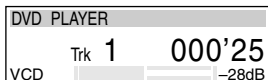
- 1 Insert a disc with the label side facing up, toward the center part of the slot. The disc will be pulled into the unit automatically. The playback will begin. When a disc is already inserted, press **SOURCE/POWER** to switch to the DVD PLAYER mode.



(An example of a DVD Audio disc display)



(An example of a DVD Video disc display)



(An example of a Video CD disc display)

- 2 To eject the disc, press **▲** on the main unit.

- If the disc does not eject, press an hold **▲** again for more than 3 seconds, the disc is ejected.
- The reverse side of a double-sided DVD will not be played automatically. Remove the disc, turn it over, and reinsert it.
- DO NOT insert discs containing maps for the navigation system. Doing so could result in damage.
- “DISC ERROR” appears on the monitor display if a non-compatible disc is loaded, if the disc is loaded upside-down or if the disc is scratched or dirty. Press **▲** on the main unit to remove the disc.
- Also refer to “DVD setup” on page 74-81.
- There are DVD Audio discs that have bonus groups recorded on them. To play, a 4 digit PIN number must be entered. For details on the PIN number, refer to the explanation on the disc’s cover.

Supplement See page 50-51 for supplementary information.

• If a menu screen appears

DVD-A DVD-V Video CD

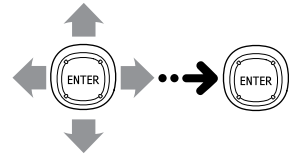
On DVDs and video CDs with playback control (PBC), menu screens may appear automatically. If this happens, perform the operation described below to start playback.

DVD menu



- 1 When the FUNC indicator lights up red, press **1 (▲)**, **5 (▼)**, **3 (◀)**, **4 (▶)** and **2 (ENT)** to finalize menu items.

- Press **6 (RTN)** to return to the previous menu screen.
- Press **F • SETUP** when the FUNC indicator lights up blue or green, and perform the operation after the indicator switches red.
- When "VIDEO" is set in the DVD setup during audio playback. Refer to "DVD audio playback settings" (page 81).



Use the **Joystick** to select the desired item, then press **ENTER**.

- For some discs it is possible to select items directly from the menu screen using the number buttons ("0" to "9").

Video CD menu

You can enter the number you require with **0** to **9** (10 keys) on the supplied remote control, and press **ENTER** to finalize it.

If PBC (Playback control) is off, then the menu screen is not displayed. In that case, switch PBC on.



- 1 During video CD mode, press any one of the **multi function buttons 1 to 3**. The FUNC indicator switches off, and the multi function mode is displayed.



Press **MENU/SETUP**. Each time this is pressed, PBC ON/OFF changes.

- 2 Press **multi function (PBC)** within 5 seconds. The mode changes to PBC ON mode.
 - Press once more and the mode switches to PBC OFF.

Display the top menu screen



The top menu screen is displayed for multiple title DVD video or multiple group DVD audio.

You can select and playback your favorite title or group from the top menu screen.

In DVD Audio, when "VIDEO" is set in the DVD setup during DVD audio mode. Refer to "DVD audio playback settings" (page 81).



- 1 During DVD Video or DVD Audio mode, press any one of the **multi function buttons 1 to 3**. The FUNC indicator switches off, and the multi function mode is displayed.

-
- 2 Press **multi function (T.MENU)** within 5 seconds.

-
- 3 When the FUNC indicator lights up red, press **1 (▲), 5 (▼), 3 (◀), 4 (▶)** and **2 (ENT)** to finalize menu items.

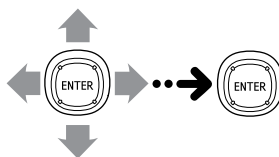
- Press **6 (RTN)** to return to the previous menu screen.
- Press **F • SETUP** when the FUNC indicator lights up blue or green, and perform the operation after the indicator switches red.



or



Press **MENU/SETUP** or **TOP.M/DISP**.



Display the menu screen

For DVD videos with multiple menus, apart from the main feature, a menu screen for special features is displayed.



The following operation is performed from the main unit.

- 1 During DVD mode, press any one of the **multi function buttons 1 to 3**.
The FUNC indicator switches off, and the multi function mode is displayed.

- 2 Press **multi function (MENU)** within 5 seconds.

- 3 When the FUNC indicator lights up red, press **1 (▲)**, **5 (▼)**, **3 (◀)**, **4 (▶)** and **2 (ENT)** to decide menu items.
 - Press **F • SETUP** when the FUNC indicator lights up blue or green, and perform the operation after the indicator switches red.
 - Press **6 (RTN)** in the setting mode to return to the previous item.
 - The menu screen cannot be displayed using **Ⓞ TITLE** button on the unit.

Stopping playback (PRE-STOP)

Press the stop button during playback to stop playback. That position is stored in the memory.



The following operation is performed with the supplied remote control.

- 1 Press **■** once during playback.
“PRE-STOP” is displayed.



- 2 Press **▶/■** in the PRE-STOP mode.
Playback starts from the position at which it was stopped.
 - For some discs, the position at which playback was stopped may not be accurate.
 - In DVD Audio, when “VIDEO” is set in the DVD setup during DVD audio mode. Refer to “DVD audio playback settings” (page 81).



Stopping playback

DVD-A DVD-V Video CD



The following operation is with the supplied remote control.

- 1 Press **■** twice during playback.
 "STOP" is displayed, and playback stops.
 - Playback starts from the beginning when **▶/■** is performed pressed while playback is stopped.



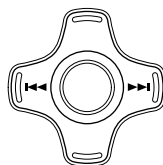
Fast-forwarding/fast-reversing

DVD-A DVD-V Video CD



<DVD-V, VIDEO CD, DVD-A (VIDEO mode*)>

- 1 During playback, press and hold **◀◀** (fast-reverse) or **▶▶** (fast-forward).
 When held for more than 1 second, the disc is forwarded/reversed at double speed. When held in 5 or more seconds, the disc is forwarded/reversed at 8 times the normal speed.
 - 2 times speed and 8 times speed are just approximations. These values are different depending on the disc.



<DVD-A (AUDIO mode*)>

- 1 During playback, press and hold **◀◀** (fast-reverse) or **▶▶** (fast-forward).
 When held for more than 1 second, the disc is forwarded/reversed.

2 Release ◀◀ or ▶▶ to return to normal playback.

- * When “AUDIO” or “VIDEO” is set in the DVD setup. Refer to “DVD audio playback settings” (page 81).
- No sound is played during fast-forwarding/fast-reversing.
- No subtitles are shown during fast-forwarding/fast-reversing. However, depending on the disc, subtitles may be displayed.
- For DVDs and video CDs with playback control (PBC), the menu screen may reappear during fast-forwarding/fast-reversing.

Finding the beginnings of chapters or tracks

DVD-A DVD-V Video CD



- 1 During playback, press ◀◀ or ▶▶. The chapter/track switches each time the button is pressed, and playback of the selected chapter/track starts.
 - ▶▶: Press this to start playback from the beginning of the following chapter or track.
 - ◀◀: Press this to start playback from the beginning of the current chapter or track.

- Some DVDs do not have chapters.

Supplement See page 51 for supplementary information.

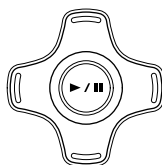


Playing still frames (pausing)

DVD-A DVD-V Video CD

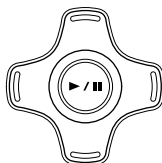


1 During playback, press ►|| once.



2 Press ►|| to resume playback.

- No sound is played during the still frame mode.
- The image or sound may stop temporarily when playback starts from the pause mode. This is not a malfunction.

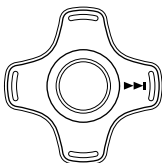


Frame-by-frame playback

DVD-V Video CD

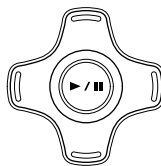


1 In the pause mode, press ►►. The picture advances by one frame each time the button is pressed.



2 Press ►/|| to resume normal playback.

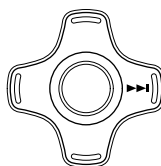
- No sound is played during frame-by-frame playback.



Slow motion playback

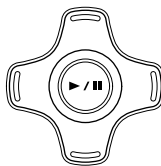


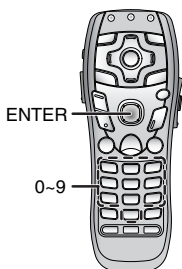
- 1 When ►| is pressed and held in while in the pause mode, the 1/8th speed slow motion playback mode is set. When held in for 5 more seconds, the slow motion speed switches to 1/2 the normal speed.



- 2 Release ►| to pause, and press ►/|| to playback.

- No sound is played during slow motion playback.
- During slide show playback, slow motion playback is not possible.
- 1/2, 1/8 are approximate speeds. The actual speed differs from disc to disc.
- Reverse slow motion playback is not available.





Searching by title number DVD-V

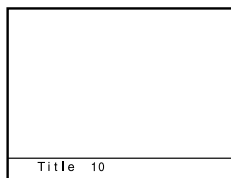
Use this function to easily find positions on the DVD using the DVD's title.



The following operation is performed with the supplied remote control.

- 1 When the playback stops, input the number of the title you want to play using the number buttons (0 to 9).

- Depending on the number of digits entered, playback may begin automatically without pressing **ENTER** in step 2.



(The monitor display when title number 10 is input.)

-
- 2 Press **ENTER**.
Playback starts from the selected title number.

Supplement See page 51 for supplementary information.

Searching by group number DVD-A

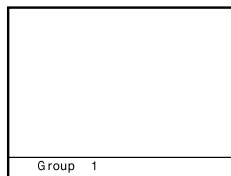
Use this function to easily find positions on the DVD using the DVD's group.



The following operation is performed with the supplied remote control.

- 1 When the playback stops, input the number of the group you want to play using the number buttons (**0 to 9**).

- Depending on the number of digits entered, playback may begin automatically without pressing **ENTER** in step 2.



(The monitor display when group number 1 is input.)

-
- 2 Press **ENTER**.
Playback starts from the selected group number.

Supplement See page 51 for supplementary information.

Searching directly by chapter or track number

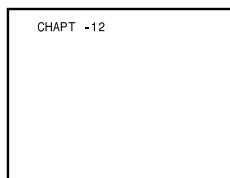
DVD-A DVD-V Video CD

Use this function to easily move to the beginnings of the chapters or tracks on the disc.



The following operation is performed with the supplied remote control.

- 1 During playback, input the number of the chapter or track you want to play using the number buttons (**0 to 9**).

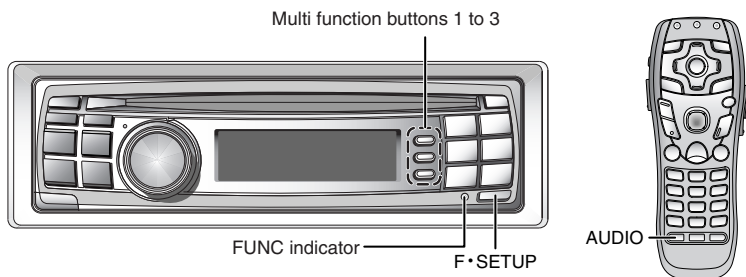


(The monitor display when chapter number 12 is input.)

-
- 2 Press **ENTER**.
Playback starts from the selected chapter or track.

- Depending on the number of digits entered, playback may begin automatically without pressing **ENTER** in step 2.

Supplement See page 52 for supplementary information.



Chapter/Track/Title repeat playback

DVD-A DVD-V Video CD

Use this function to play the disc's titles, chapters or tracks repeatedly.



1 During playback, press any one of the **multi function buttons 1 to 3**.

The FUNC indicator switches off, and the multi function mode is displayed.

- When setting "VIDEO" in DVD Audio, press **F•SETUP** a further two times.

2 Press **multi function (REPEAT)** within 5 seconds.



- The operation can be switched for DVD Audio only (in the audio mode) from the remote control.

AUDIO

Each press switches the REPEAT mode.

3 Select the required repeat type within 5 seconds by using any one of the **multi function buttons 1 to 3**.

<DVD-V>

- ONE (Chp RPT): The chapter is played repeatedly.
- TITLE (Title RPT): The title is played repeatedly.
- OFF: The mode returns to normal playback.

<DVD-A> (VIDEO mode*)

- ONE (TRK RPT): The track is played repeatedly.
- GROUP (GRP RPT): The group is played repeatedly.
- OFF: The mode returns to normal playback.

<DVD-A> (AUDIO mode*)

- ONE (TRK RPT): The track is played repeatedly.
 - GROUP (GRP RPT): The group is played repeatedly.
 - DISC (© RPT): The disc is played repeatedly.
 - OFF**:
- The mode returns to normal playback.

<Video CD>

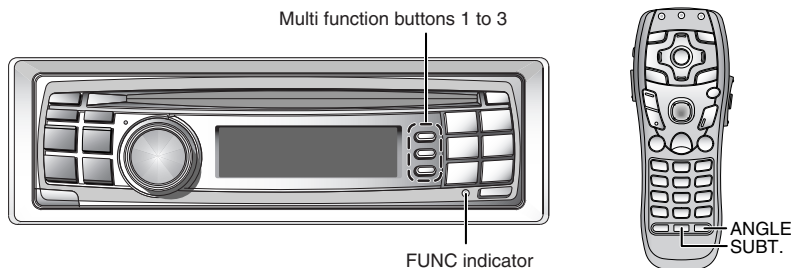
- ONE (RPT): The track is played repeatedly.
- DISC (© RPT): The disc is played repeatedly.
- OFF: The mode returns to normal playback.

* When "AUDIO" or "VIDEO" is set in the DVD setup. Refer to "DVD audio playback settings" (page 81).

Press **F • SETUP again after step 3.

The REPEAT MODE display changes.

- The repeat modes cannot be used on video CDs with playback control (PBC). On the supplied remote control, press **MENU/SETUP** to turn the PBC function off.
- For some discs it is not possible to switch the repeat mode.



Playing back the tracks out of sequence (M.I.X.)

DVD-A

When “AUDIO” is set in the DVD setup during DVD audio mode. Refer to “DVD audio playback settings” (page 81).



- 1 During playback, press any one of the **multi function buttons 1 to 3**.

The FUNC indicator switches off, and the multi function mode is displayed.

- 2 Press **multi function (M.I.X.)** within 5 seconds.

- 3 Select the required M.I.X. type within 5 seconds by using any one of the **multi function buttons 1 to 3**.

GROUP (GRP M.I.X.): Play back tracks currently being played back in the group out of sequence.

DISC (© M.I.X.): Play back all tracks on the disc out of sequence.

OFF: The mode returns to normal playback.

SUBT.

Each press switches the M.I.X. mode.

Playing back a track's intro only (SCAN) DVD-A

When "AUDIO" is set in the DVD setup during DVD audio mode. Refer to "DVD audio playback settings" (page 81).



- 1** Press any one of the **multi function buttons 1 to 3**.

The FUNC indicator switches off, and the multi function mode is displayed.

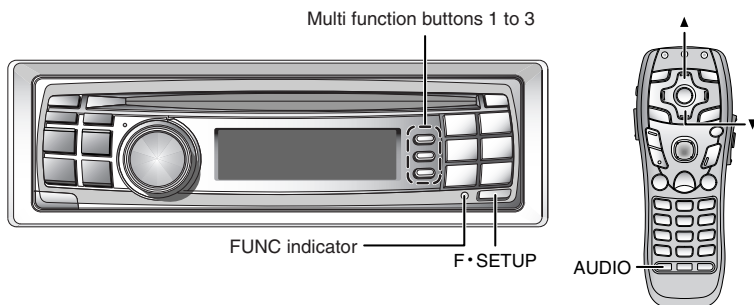
ANGLE

Each press switches the SCAN mode ON/OFF.

-
- 2** Press **multi function (SCAN)** within 5 seconds.

About 10 seconds of each track is played back.

-
- 3** If you find a track that you want to hear, press any one of the **multi function buttons 1 to 3**. The track playback continues.



Next/previous page DVD-A

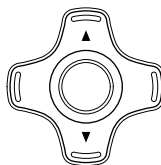
When “VIDEO” is set in the DVD setup during DVD audio mode. Refer to “DVD audio playback settings” (page 81).



- 1 During playback, press any one of the **multi function buttons 1 to 3**.
The FUNC indicator switches off, and the multi function mode is displayed.

- 2 Press **multi function (PAGE ▲)** or **multi function (PAGE ▼)** within 5 seconds.
Each time you press, the page changes.

- Depending on the DVD audio disc, there may be no pages. Also, it may not be possible to show in the slide show format.



Supplement See page 52 for supplementary information.

Switching the audio tracks

DVD-A DVD-V Video CD

During playback, for DVDs with multiple audio soundtracks or languages recorded on them, the language can be changed.



DVD Audio and DVD video can be operated from the main unit.



- 1 During playback, press any one of the **multi function buttons 1 to 3**.

The FUNC indicator switches off, and the multi function mode is displayed.

-
- 2 Press **F • SETUP** within 5 seconds.

The multi function mode display is changed.

-
- 3 Press **multi function (AUDIO)** within 5 seconds.

Each time multi function (AUDIO) is pressed, the alternate audio tracks recorded on the disc changes.

AUDIO

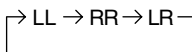
During playback, press and hold **AUDIO**.

DVD Video:

- The sound switches between the alternate audio tracks recorded on the disc each time the button is pressed.

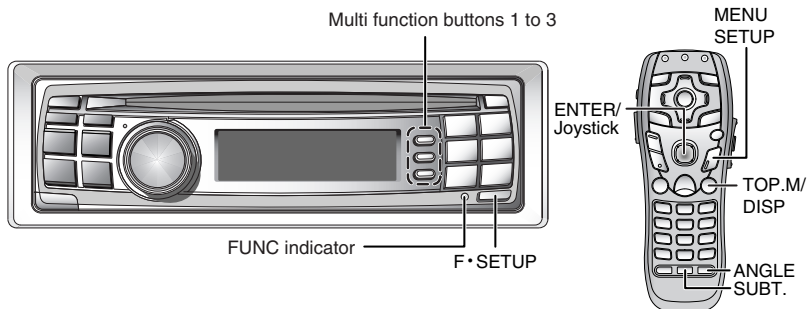
DVD audio/video CD (video CDs with multiple languages recorded on them):

- The left and right channels will be output as shown in the figure below, each time the button is pressed.



- Depending on the disc the sound conditions may be different.
- Each pressing and holding for at least 2 seconds switches the audio tracks when setting "AUDIO" in DVD audio.

Supplement See page 52 for supplementary information.



Switching the angle



On DVDs in which scenes have been filmed from multiple angles, the angle can be switched during playback.

In DVD Audio, when “VIDEO” is set in the DVD setup during DVD audio mode. Refer to “DVD audio playback settings” (page 81).



- 1 During playback, press any one of the **multi function buttons 1 to 3**.

The FUNC indicator switches off, and the multi function mode is displayed.

- 2 Press **F • SETUP** within 5 seconds.
The multi function mode display is changed.

- 3 Press **multi function (ANGLE)** within 5 seconds.
Each time multi function (ANGLE) is pressed, the angle recorded on the disc changes.

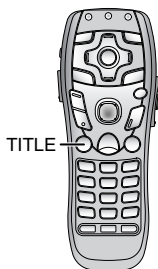


ANGLE



- During playback, press **ANGLE**.
- The angle switches between the angles recorded on the disc each time the button is pressed.

DVD Audio/DVD Video/Video CD



Displaying the disc status

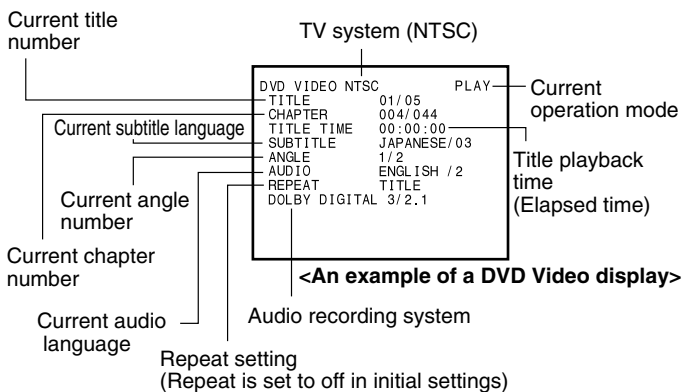


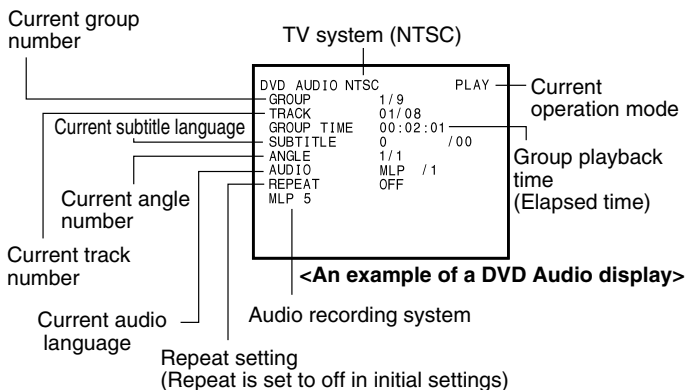
You can display and check the status of a DVD video disc (title number, chapter number etc.), a DVD audio disc (group number, track number etc) or a video CD (track number etc.) being played on a monitor.



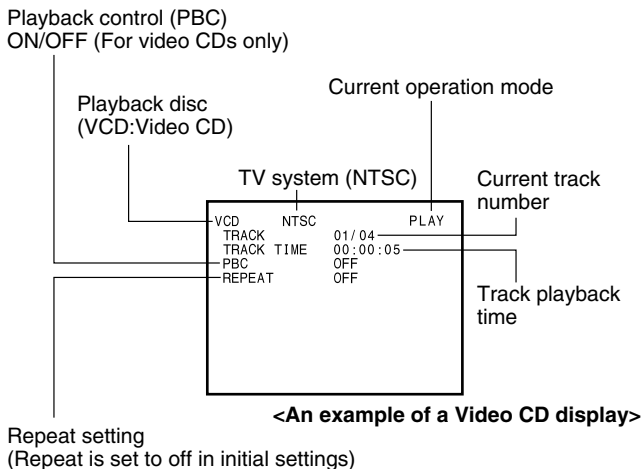
The following operation is performed with the supplied remote control.

- 1 During playback, press **TITLE**.
The playback status is displayed.



























- When “VIDEO” is set in the DVD setup during audio playback. Refer to “DVD audio playback settings” (page 81).



2 Press **TITLE** once more to turn the display off.

Supplementary information The following pages include supplementary information for pages 30 to 49. Please refer to these pages.

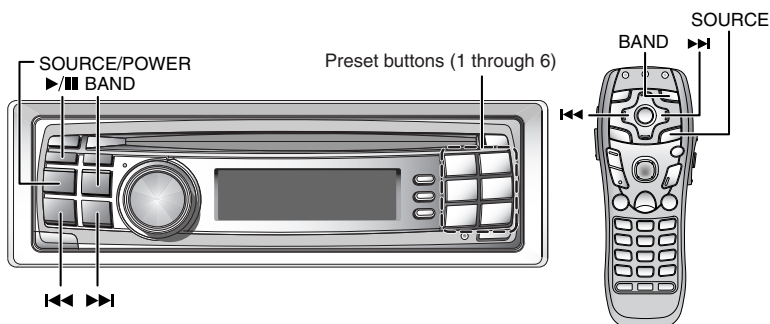
TITLE	Description	Related page
Playing DVD Audio/ DVD Video/Video CD	Play Position Memory Function: This function remembers the last position on the disc before the unit power or the Ignition switch was turned OFF or the source was changed. When playback continues, it begins from the point where playback stopped when the power was turned OFF or the source was changed. Depending on the disc it may not return properly. If the disc is changed, the play position memory is cleared.	 Page 30
	A DVD can be programmed to ignore certain functions. Therefore, not all the operations described in this manual, may be accepted by a particular DVD.	 Page 30
	Not all functions will operate for every DVD. See the individual DVD's instructions for details on the features supported.	 Page 30
	Fingerprints on a disc may adversely affect playback. If a problem occurs, remove the disc and check for fingerprints on the playback side. Clean the disc if necessary.	 Page 30
	When using the remote control, be careful to press one button at a time. Pressing multiple buttons at the same time may cause erroneous operation.	 Page 30
	If you try to perform an invalid operation (based on the type of disc being played), the following mark is displayed on the monitor screen: 	 Page 30
	The reverse side of a double-sided DVD will not be played automatically. Remove the disc, turn it over, and reinsert it.	 Page 30
	DO NOT insert discs containing maps for the navigation system. Doing so could result in damage.	 Page 30
"DISC ERROR" appears on the monitor display if a non-compatible disc is loaded, if the disc is loaded upside-down or if the disc is scratched or invalid or dirty. Press  on the main unit to open the display and remove the disc.	 Page 30	

TITLE	Description	Related page
Playing DVD Audio/ DVD Video/Video CD	A separately sold DVD player or DVD changer cannot be connected to the DVI-9990R.	 Page 30
	If a DVD Audio disc (AUDIO mode*) is inserted, disc repeat is initialized. * When "AUDIO" is set in the DVD setup during DVD audio mode. Refer to "DVD audio playback settings" (page 81).	 Page 30
	With the system set to 2ch, "Can't Downmix" appears if DVD audio disc which prohibits downmixing (mixing down of multi-channel to 2 ch) starts to playback (specified part). In this case, audio recorded in the disc is output for Lch/Rch only. (Audio is not output for center, Ls, Rs, Subwoofer.)	 Page 30
Finding the beginnings of chapters or tracks	Chapters are divisions of movies or musical selections on DVDs. The title contents can be further subdivided by place and by track. Tracks are divisions of movies or musical selections on video and music CDs.	 Page 35
Searching by title number	A title is: The largest subdivision of images and tracks etc. that are stored on a DVD video disc.	 Page 38
	Playback starts from the beginning of the chapter/track number in the state of PRE-STOP.	 Page 38
	This function cannot be used on discs on which no title numbers are recorded.	 Page 38
Searching by group number	A group is: Tracks stored in DVD audio are arranged in a number of groups. The group playback specification is different, depending on the disc.	 Page 39
	Playback starts from the beginning of the track number in the state of PRE-STOP.	 Page 39
	This function cannot be used on discs on which no group numbers are recorded.	 Page 39
	If you press RETURN , the track start mode is cleared.	 Page 39

Continued

Supplementary information		The following pages include supplementary information for pages 30 to 49. Please refer to these pages.	
TITLE	Description	Related page	
Searching directly by chapter or track number	This function cannot be used on discs on which no chapter numbers are recorded.	▶ Page 39	
	With video discs containing playback control (PBC), the "searching directly by track number" function is not available while PBC is ON. Press MENU/SETUP to turn the PBC function off.	▶ Page 39	
Next/previous page	A page is: A still image that is stored on a DVD audio disc.	▶ Page 44	
Switching the audio tracks	The alternate track selected becomes the default setting every time the power is turned on or the disc is replaced. If the disc does not include that track, the disc's default language is selected instead.	▶ Page 45	
	Not all discs will allow changing the alternate audio tracks during playback. In these cases, select audio tracks from the DVDs menu.	▶ Page 45	
	There may be a delay before the selected alternate track begins to play.	▶ Page 45	

TITLE	Description	Related page
Switching the angle	Some time may be required for the angle to change.	📖 Page 46
	Depending on the disc, the angle may switch in one of two ways. - Seamless: The angle switches smoothly. - Non-seamless: When the angle is switched, a still picture is displayed first, after which the angle switches.	📖 Page 46
Switching the subtitles (subtitle languages)	There may be a delay before the selected subtitle appears.	📖 Page 47
	Not all discs will allow changing the subtitles during playback. In these cases, select subtitles from the DVDs menu.	📖 Page 47
	The subtitle language selected becomes the default setting every time the power is turned on or the disc is replaced. If the disc does not include that language, the disc's default language is selected instead.	📖 Page 47
	For some discs, the subtitles will be displayed even when this is set to off.	📖 Page 47

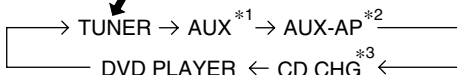


Listening to the Radio



- 1 Press **SOURCE/POWER** until a radio frequency appears in the display.

<Display example>



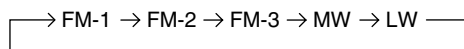
*1: When the monitor (TMI-M990, sold separately) is connected, press BAND to display the AUX source set in the AUX IN of the AUX IN/S-IN setup operation on the TMI-M990.

*2: AUX is displayed in the DVI-9990R if AUX ON is set in the AUX setup operation in the Multimedia Manager (PXI-H990, sold separately).

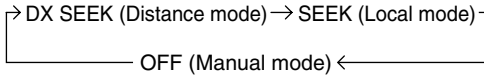
*3: Only when the changer is connected.

- 2 Press **BAND** repeatedly until the desired radio band is displayed.

Each press changes the band:



- 3 Press ►/■ repeatedly until the desired tuning mode.



Distance mode:

Both strong and weak stations will be automatically tuned in (Automatic Seek Tuning).

Local mode:

Only strong stations will be automatically tuned in (Automatic Seek Tuning).

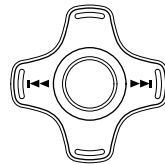
Manual mode:

The frequency is manually tuned in steps (Manual tuning).

- The initial mode is DX SEEK.

- 4 Press ◀◀ or ▶▶ to move downward or upward one step respectively until the desired station frequency is displayed.

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



- Only SEEK tuning can be allowed by remote control operation.

Supplement See page 57 for supplementary information.

Manual Storing of Station Presets

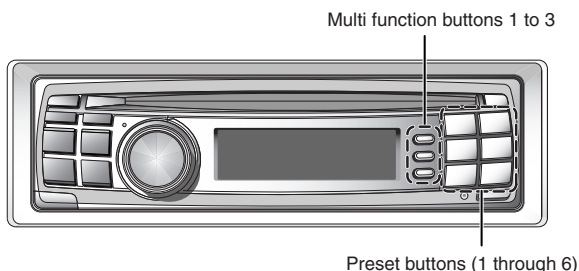


The following operation is performed from the main unit.

- 1 Select the radio band and tune in a desired radio station you wish to store in the preset memory.
- 2 When the FUNC indicator is red, press and hold for at least 2 seconds, one of **Preset buttons (1 through 6)** into which you want to store the station. The selected station is stored. The display shows the band, preset No. and station frequency memorized.

- Press **F • SETUP** when the FUNC indicator lights up blue or green, and perform the operation after the indicator switches red.
- 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.

Supplement See page 57 for supplementary information.



Automatic Memory of Station Presets



The following operation is performed from the main unit.

- 1** After selecting the desired band, press any one of the **multi function buttons 1 to 3**.
The FUNC indicator switches off, and the multi function mode is displayed.
-
- 2** Press **multi function (A.MEMO)** within 5 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 buttons 1 to 6 in order of signal strength.
 - 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

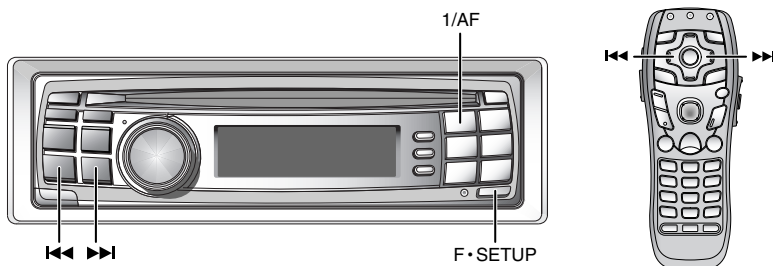


The following operation is performed from the main unit.

- 1 After selecting the desired band and when the FUNC indicator is red, press the **Preset button** that has your desired radio station in memory. The display shows the band, preset number and frequency of the station selected.

- Press **F • SETUP** when the FUNC indicator lights up blue or green, and perform the operation after the indicator switches red.

Supplementary information		This page includes supplementary information for pages 54 to 57. Please refer to these pages.
TITLE	Description	Related page
Listening to the Radio	Initial settings are set in distance mode. <ul style="list-style-type: none">• In distance mode, broadcasts that can be received are automatically received. (Automatic broadcast selection)• In local mode, only broadcasts with a strong signal are automatically received. (Automatic broadcast selection)• In manual mode, the frequency changes in steps (Manual broadcast selection)	 Page 54
Manual Storing of Station Presets	A total of 30 stations can be stored in the preset memory (6 stations for each band; FM1, FM2, FM3, MW and LW).	 Page 55



Setting RDS Reception Mode and Receiving RDS Stations

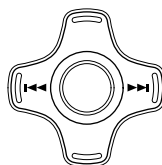
The RDS (Radio Data System) is a radio information system using the 57 kHz subcarrier of regular FM broadcast. The RDS allows you to receive a variety of information such as traffic information, station names, and to automatically re-tune to a stronger transmitter that is broadcasting the same programme.



1 Press **F·SETUP** and the FUNC indicator lights up green.

2 Press **1/AF** to activate the RDS mode.

3 Press **◀▶** or **▶▶** to tune in the desired RDS station.



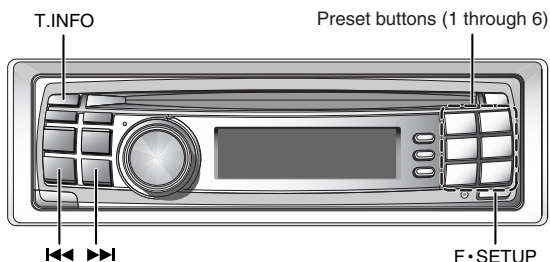
4 Press **1/AF** again to deactivate the RDS mode.

5 Press **F • SETUP**, the FUNC indicator lights up red and the mode changes to normal mode.

- For the operation of “Receiving RDS Regional (Local) Stations” and “PI SEEK setting”, see TUNER Setup, page 86-88.
- When the unit receives the PTY31 (Emergency Broadcast) signal, the unit will show “ALARM” in the display automatically.

The RDS digital data includes the following:

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



The following operation is performed from the main unit.

- 1** Press **F • SETUP** and the FUNC indicator lights up green.

- 2** Press **1/AF** to activate the RDS mode.

- 3** Press **F • SETUP** until the FUNC indicator lights up red.

- 4** When the FUNC indicator is lit up red, then press the **preset buttons (1 through 6)** 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.

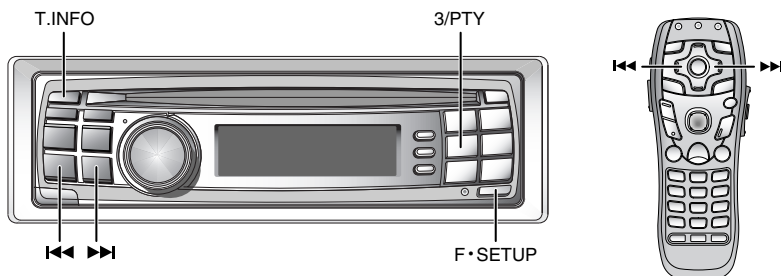
- 5** If the preset station and the stations in the AF list cannot be received: When the PI SEEK setting is on (refer to “PI SEEK setting” on page 88), the unit searches again for a station in the PI (Programme Identification) list. If there are still no stations receivable in the area, the unit displays the frequency of the preset station and the preset no. 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.
- For presetting the RDS stations, refer to the Radio Operation section. The RDS stations can be preset in the FM1, FM2 and FM3 bands only.

Receiving Traffic Information



The following operation is performed from the main unit.

- 1** Press **T.INFO** so that the underlined portion of the “T.INFO” indicator lights up.
-
- 2** Press **◀** or **▶** 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 broadcasted. If traffic information is not being broadcasted, 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 be set to standby mode.
 - 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, “T.INFO” indicator blinks.
 - If you do not want to listen to the traffic information being received, lightly press T.INFO 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 memorized level.
 - In the T.INFO mode, the SEEK tuning selects only the TP stations.



PTY (Programme Type) Tuning

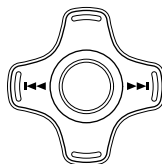


- 1 Press **F • SETUP** and the FUNC indicator lights up green.

- 2 Press **3/PTY** 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."
 - If no operation is performed within 5 seconds after pressing PTY, the PTY mode will be automatically cancelled.

- 3 Press **◀◀** and **▶▶** 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 ↔ CLASSIC S ↔ OTHER M



- 4** Press **3/PTY** within 5 seconds after selecting the programme type to start searching for a station in the selected programme type. The chosen programme type display blinks during searching and lights when a station is found.

If no PTY station is found, "NO PTY" will be displayed for 5 seconds.

-
- 5** Press **F • SETUP**, the FUNC indicator lights up red and the mode changes to normal mode.

Receiving Traffic Information While Playing CD or Radio



The following operation is performed from the main unit.

- 1** Press **T.INFO** so that the "T.INFO" indicator lights up.

-
- 2** Press **◀▶** to select a traffic information station if necessary. When a traffic information broadcast starts, the source of the unit will automatically be switched from CD or the regular FM broadcast to the traffic information. 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:

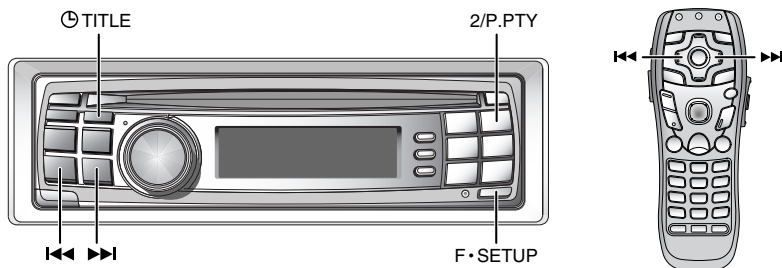
When the TP signal can no longer be received for over 1 minute, the "T.INFO" indicator blinks.

In the CD mode:

When the TP signal can no longer be received, the traffic information station of another frequency will be selected automatically.

- 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 lights up 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 **T.INFO** to deactivate the Traffic Information mode. The "T.INFO" indicator goes out.



Priority PTY (Programme Type)

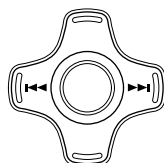
This function allows presetting of a programme type such as music category, news, etc. You can listen to a programme in the preset programme type as the unit automatically gives priority to the preset programme type when it begins broadcasting, and interrupts the programme you are currently listening. This feature is functional when your unit is set to a mode other than the LW and MW.



- 1 Press **F·SETUP** and the FUNC indicator lights up green.
-
- 2 Press **2/P.PTY** to activate the PRIORITY PTY mode.

“PRIORITY-PTY” is displayed for 2 seconds and then the programme type for 3 seconds. The initial setting is “News.”

 - If no operation is performed within 5 seconds after pressing **2/P.PTY**, the PRIORITY PTY mode is automatically cancelled.
-
- 3 Press **◀◀** or **▶▶** within 5 seconds while “News” is being displayed to choose a desired programme type. Then press **2/P.PTY**. The PRIORITY PTY function will activate.



- 4** Press **2/P.PTY** to activate the PRIORITY PTY mode again.

To change the programme category, perform the step 3.

To disable the PRIORITY PTY function, press and hold 2/P.PTY for at least 2 seconds.

- In the PRIORITY PTY function, unlike in the T.INFO function, the volume does not increase during operation.

-
- 5** Press **F • SETUP**, the FUNC indicator lights up red and the mode changes to normal mode.

Displaying Radio Text

Text messages from a radio station can be displayed.



The following operation is performed from the main unit.

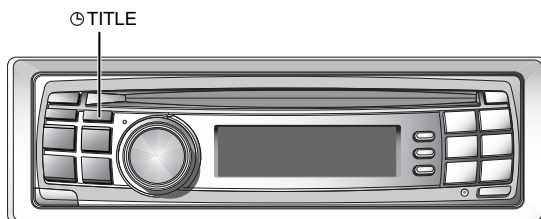
- 1** Press **⊕ TITLE** while receiving FM in the radio mode to select the Radio Text display.

The display will change every time the button is pressed.

Preset No./Frequency → PS (Programme Service Name) → Radio Text → STATION TITLE → CLOCK → Preset No./Frequency

The display shows “WAITING” for a few seconds, then starts scrolling the text message.

- If there is no receivable text message or the unit cannot receive a text message properly, or there is no programme Service Name data, the display shows “NO TEXT.”
- If you press any one of the multi function buttons 1 to 3 when PS, Station Title etc. is being displayed, and then press multi function (FREQ.) within 5 seconds, the frequency being received is displayed for 5 seconds.



Displaying the Title/Text

It is possible to display the Disc/Station on the display if the title has been previously inputted. For details, see “Titling Discs/Stations” (page 68). Text information, such as the disc name and the track name, will be displayed if playing a CD text compatible disc. It is also possible to display the folder name, the file name, and the tag, etc. while playing MP3/WMA files.

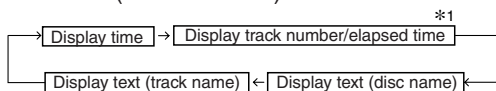


The following operation is performed from the main unit.

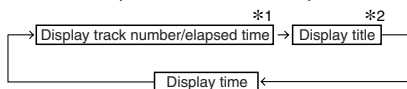
1 Press **TITLE**.

The mode will change every time the button is pressed.

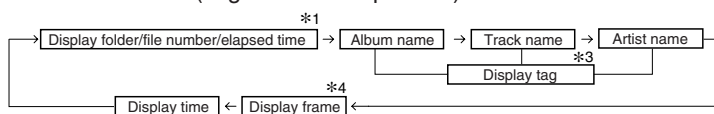
CD mode (A CD with text)



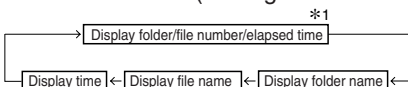
CD mode (A CD without text)



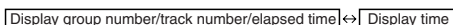
MP3/WMA mode (Tag information present)



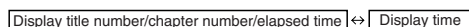
MP3/WMA mode (No Tag information present)



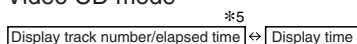
DVD Audio mode



DVD Video mode



Video CD mode

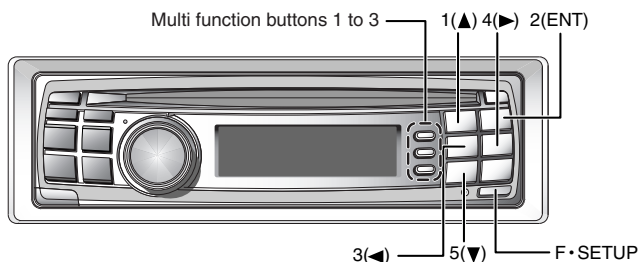


Tuner mode (MW, LW)



- *1 The disc No. is also displayed for changer mode.
- *2 If the title was not previously input, "NO TITLE" is displayed.
- *3
 - If an MP3/WMA file contains tag information, all the tag information is displayed (e.g., track name, artist name, and album name). All other tag data is ignored.
 - If any one of the tag information (track name, artist name or album name) was not previously input, "NO TAG" is displayed.
- *4 The recording sampling rate and bit rate of the MP3/WMA file are displayed.
- *5 The playback elapsed time is displayed for video CD with the PBC function when PBC OFF is set.

Supplement See page 72 for supplementary information.



Titling Discs/Stations

It is possible to title your favorite CD or radio stations.
You cannot input titles on MP3/WMA or DVD discs.



The following operation is performed from the main unit.

- 1 Select a CD with a title or a radio station.
(The explanation here is an example of “Adding a title to a radio station”).

- 2 Press any one of the **multi function buttons 1 to 3**.
The FUNC indicator switches off, and the multi function mode is displayed.
(To add a title to a CD, press **F•SETUP** and display the (TITLE).)

- 3 Press **multi function (TITLE)** within 5 seconds.
The multi function mode display is changed.

- 4 Press **multi function (INPUT)** within 5 seconds.
The mode changes to title entry mode.

- 5 After pressing any one of the **multi function buttons 1 to 3**, press the multi function you want to select character type.
Multi function (ABC): Upper case
Multi function (abc): Lower case
Multi function (123/*): Numbers/symbols

6 Press **1** (▲) or **5** (▼) and input the character or symbol you want.

7 Press **3** (◀) or **4** (▶), the input writing position moves left or right.
Step 5 to 7 can be repeated up to a maximum of 31 characters.

8 Press **2** (ENT), to save title to memory and exit the title entry mode.

- If you press **6** (RTN), the title is not saved to memory and the title entry mode is cleared.
- When you want to erase a title, enter the “■” symbol into all spaces.

Supplement See page 73 for supplementary information.

<Character set list>

Upper case

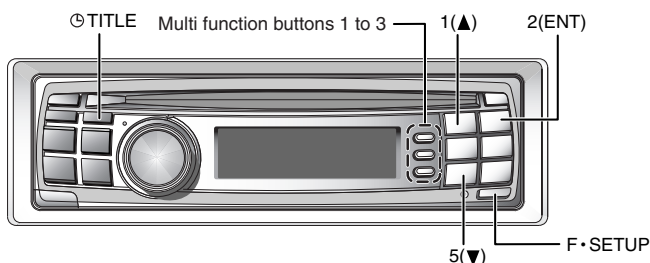
A	B	C	D	E	F	G	H
I	J	K	L	M	N	O	P
Q	R	S	T	U	V	W	X
Y	Z	Blank space					

Lower case

a	b	c	d	e	f	g	h
i	j	k	l	m	n	o	p
q	r	s	t	u	v	w	x
y	z	Blank space					

Number/Symbols

1	2	3	4	5	6	7	8
9	0	!	”	#	\$	%	&
'	()	*	+	,	-	.
/	:	;	<	=	>	?	[
\]	^	_	{	}	~	Blank space



Erasing Disc Titles/Station Titles

You can delete stored radio stations, CD and CD changer titles with this function. (The explanation here is an example of “Deleting a radio station title”).



The following operation is performed from the main unit.

- 1** Press any one of the **multi function buttons 1 to 3**.
The FUNC indicator switches off, and the multi function mode is displayed.
 - To delete the CD title, press **F•SETUP** and display the (TITLE).

- 2** Press **multi function (TITLE)** within 5 seconds.
The multi function mode display is changed.

- 3** Press **multi function (DELETE)** within 5 seconds.
The mode changes to title delete mode and the first stored title flashes.

4 Press **1** (▲) or **5** (▼) to search for the title name to delete.

5 Press **2** (ENT).
The title is deleted.

- If you press **6** (RTN), the title is not deleted and the title delete mode is cancelled.

6 Press any one of the **multi function buttons 1 to 3**, and the mode returns to the normal mode.

Supplement See page 73 for supplementary information.

Blackout Mode On and Off

When the Blackout mode is turned on, the display and the illuminated buttons will switch off to reduce power consumption.

This additional power enhances the sound quality.



The following operation is performed from the main unit.

1 Press and hold **⊖TITLE** for at least 3 seconds to start the blackout mode.
By doing so the display will turn off.









- If any button on the unit is pressed during the blackout mode, the function will be displayed for 5 seconds to show the operation before returning to Blackout mode.








2 To cancel the blackout mode, press and hold **⊖TITLE** for at least 3 seconds.

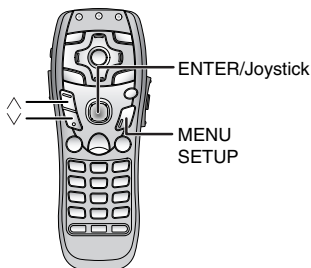
Other Functions

Supplementary information

The following pages include supplementary information for pages 66 to 71. Please refer to these pages.

TITLE	Description	Related page
Displaying the Title/Text	About "Title" and "Text" Title: With this device, it is possible to input the CD/Station name (refer to page 68-69). This inputted name is referred to as a "title." You cannot input or display titles on MP3/WMA discs. Text: Text compatible CDs contain text information such as the disc name and track name. Such text information is referred to as "text."	 Page 66
	Some characters may not be displayed correctly with this device, depending on the character type.	 Page 66
	The CD changer must also be CD Text compatible for the Text information to be displayed.	 Page 66
	For information on "Tag", "Sampling rate" and "Bit rate", refer to page 123 for an explanation of the terms.	 Page 66
	"NO SUPPORT" is displayed when the desired text information cannot be displayed on this unit.	 Page 66
	The operations to display the title/text and to select the title input operation cannot be performed using the TITLE button on the remote control unit.	 Page 66
	When CD text, folder names, file names and tag informations cannot all be displayed on the front panel display, the display only scrolls once.	 Page 66
	The text or tag information may not be correctly displayed, depending on the contents.	 Page 66

TITLE	Description	Related page
Titling Discs/ Stations	If you try to store beyond the limit, the front panel display will show "FULL DATA". At this point, no more titles can be stored.	 Page 68
	Up to 50 titles can be added, including radio station names and CD titles.	 Page 68
	For a CD changer, the memory number varies depending on the model.	 Page 68
	The stored contents are deleted when battery power cord is removed.	 Page 68
	A track or a CD text compatible disc cannot have a title added to it.	 Page 68
	This function does not permit file names, folder names or tag information to be entered for MP3/WMA files.	 Page 68
Erasing Disc Titles/ Station Titles	You cannot erase CD-TEXT.	 Page 70



DVD Setup Operation

The following steps 1–6 are standard operations for the DVD setup.
 Refer to the DVD setup menu chart for group selection in step 3, and setting items for step 4.
 For details on each setting, refer to each item respectively.

Perform the DVD setup operation after playback has stopped (STOP). If the DVI-9990R is in any other state other than being stopped, then the operation will not be received. **The operation can also be performed by using the supplied remote control while looking at a monitor (sold separately).**

<DVD setup menu chart>

The following are displayed on the monitor screen.

SETUP	GROUP	Setting item	Setting content	Related Page
DVD SETUP	LANGUAGE	MENU LANGUAGE	AUTO /ENGLISH/GERMAN/FRENCH/JAPANESE/CODE	76
		AUDIO LANGUAGE	AUTO /ENGLISH/GERMAN/FRENCH/JAPANESE/CODE	76
		SUBTITLE LANGUAGE	AUTO /ENGLISH/GERMAN/FRENCH/JAPANESE/CODE	76
	TV SCREEN	4:3LB		80
		4:3PS		80
		16:9		80
	COUNTRY CODE	0000~9999		77
	RATING LEVEL	PARENTAL PASSWORD	0000 ~9999	78
		PARENTAL LEVEL	Change Password/ OFF /1~8	78
	DVD PRIORITY	AUDIO		81
		VIDEO		81
	CD MODE	CD-DA		81
MP3/WMA			81	

The **bold characters** are the settings when the product is shipped.

<DVD setup standard operation>



The following operation is performed with the supplied remote control.

1 Press and hold **MENU/SETUP** for more than 3 seconds.

2 Move the **joystick** up or down, select DVD setup, and press **ENTER**.
The mode changes to DVD setup mode.

■ SETUP	
GENERAL SETUP	
TUNER SETUP	
DVD SETUP	
AP SETUP	

3 Move the **joystick** up or down, select the required group from the DVD setup mode, and press **ENTER**.
The group is finalized. (Example: selecting LANGUAGE)

■ DVD SETUP	
LANGUAGE	
TV SCREEN	16:9
COUNTRY CODE	6889
RATING LEVEL	
DVD PRIORITY	VIDEO
CD MODE	CD-DA

4 Move the **joystick** up or down, select the required setting item.
The setting item is finalized. (Example: selecting AUDIO LANGUAGE)

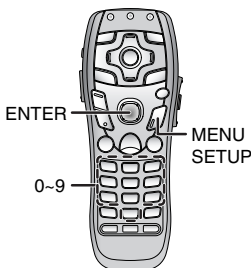
■ LANGUAGE	
MENU LANGUAGE	AUTO
AUDIO LANGUAGE	AUTO
SUBT. LANGUAGE	AUTO

5 Press **^** or **v**, select the required setting.
The setting content is finalized. (Example: selecting ENGLISH)

- Press **RETURN** in the setting mode to return to the previous display.

■ LANGUAGE	
MENU LANGUAGE	AUTO
AUDIO LANGUAGE	ENGLISH
SUBT. LANGUAGE	AUTO

6 After setting, press and hold **MENU/SETUP** for more than 3 seconds.
The unit returns to normal mode.



Before performing each setting, please refer to “DVD setup menu chart” on page 74 and “DVD setup standard operation” on page 75.

Setting of the menu language

Set the language used for the menus (title menu, etc.).

GROUP: LANGUAGE
Setting item: MENU LANGUAGE
Setting content: AUTO/ENGLISH/GERMAN/FRENCH/JAPANESE/CODE

When “AUTO” is selected, the primary menu language among the recorded ones is played.

Setting of the audio language

Set the audio language produced from the speakers.

GROUP: LANGUAGE
Setting item: AUDIO LANGUAGE
Setting content: AUTO/ENGLISH/GERMAN/FRENCH/JAPANESE/CODE

When “AUTO” is selected, the primary audio language among the recorded ones is played.

Setting of the subtitle language

Set the language of the subtitles displayed on the screen.

GROUP: LANGUAGE
Setting item: SUBTITLE LANGUAGE
Setting content: AUTO/ENGLISH/GERMAN/FRENCH/JAPANESE/CODE

When “AUTO” is selected, the primary subtitle language among the recorded ones is played.

[To play in a language other than those displayed]

Select [CODE] on step 5 of the standard DVD setup on page 75, and perform the following operation after pressing **ENTER**.

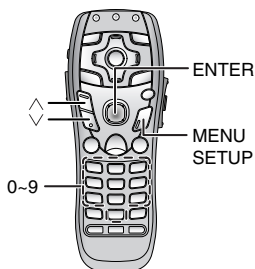
- 1) Press the number buttons (**0 to 9**) to input a 4 digit language number.
Find language numbers in the “List of language codes” on page 118.
- 2) Press **ENTER** to finalize the language number.
- 3) After setting, press and hold **MENU/SETUP** for more than 3 seconds.
The unit returns to the normal mode.

Changing the country code setting

Set the country code when setting the rating level (Parental lock).

GROUP: **COUNTRY CODE**
Setting item: **0000~9999**

- 1) Select “COUNTRY CODE” on step 4 of the “DVD setup standard operation” on page 75, and enter a country code by pressing **0 to 9**.
Find country numbers in the “List of country codes” on page 119-120.
- 2) Press **ENTER** to save the country code.
- 3) After setting, press and hold **MENU/SETUP** for more than 3 seconds.
The unit returns to the normal mode.
 - When the settings are changed, the old setting are overwritten. Make a note of the current settings before making changes. The settings are not cleared even when the vehicle’s battery is disconnected.



Before performing each setting, please refer to “DVD setup menu chart” on page 74 and “DVD setup standard operation” on page 75.

Setting of the rating level (Parental Lock)

You can restrict access for children etc. to movies you don't want them to see.

The Parental Lock feature must be supported by the DVD you are watching for this feature to work.

Not all DVDs support Parental Lock.

GROUP: RATING LEVEL

Setting item: PARENTAL PASSWORD

Setting content: 0000-9999



Setting item: PARENTAL LEVEL

Setting content: Change Password/OFF/1-8

- 1) Select “PARENTAL PASSWORD” on step 4 of the “DVD setup standard operation” on page 75, and enter a 4 digit password by pressing **0** to **9**. Numbers entered are displayed by *.
The setting when the product is shipped is 0000.
- 2) Press **^** or **v** on the PARENTAL LEVEL item, select OFF or 1 to 8 (restriction level value) and press **ENTER** to finalize the setting.
 - Select “OFF” to cancel the parental lock or if you do not want to set a rating level. The smaller the number, the higher the rating level.
 - Press **RETURN** in the setting mode to return the previous display.
- 3) When setting is complete, press and hold **MENU/SETUP** for more than 3 seconds. The mode returns to normal mode.

[Changing the password]

- 1) Press **ENTER** after selecting “Change Password” in step 2 of “Setting of the Rating Level (Parental Lock)”.
- 2) Enter a 4 digit password by pressing **0** to **9**.
- 3) Press **ENTER** to confirm the entered password.
- 4) When setting is complete, press and hold **MENU/SETUP** for at least 3 seconds. The mode returns to normal mode.

Supplement See page 89 for supplementary information.

Before performing each setting, please refer to “DVD setup menu chart” on page 74 and “DVD setup standard operation” on page 75.

Changing the TV screen settings

Use the procedure described below to set the output screen according to the type of TV monitor being used.

GROUP: TV SCREEN

Setting item: 4:3LB/4:3PS/16:9

4:3 LETTER BOX

Select this when connected to a conventional 4:3 size (normal TV aspect ratio) monitor. There may be black stripes visible at the top and bottom of the screen (when playing a 16:9 size movie). The width of these stripes will depend upon the original aspect ratio of the theatrical release of the movie.



4:3 PAN-SCAN

Select this when connected to a conventional 4:3 size monitor. The picture will fill the entire TV screen. However, due to the mismatch in aspect ratio, parts of the movie at the extreme left and right sides will not be visible (when playing a 16:9 size movie).



16:9 WIDE

Select this when connected to a wide screen TV. This is selected upon shipment from the factory.



DVD audio playback settings DVD-A

GROUP: DVD PRIORITY

Setting item: AUDIO/VIDEO

AUDIO: Cuts out the output from image data, and only allows sound data to be output. The sound output has better quality and is full of presence.

VIDEO: Sound and images are output, the same as with DVD video.

Playing MP3/WMA data

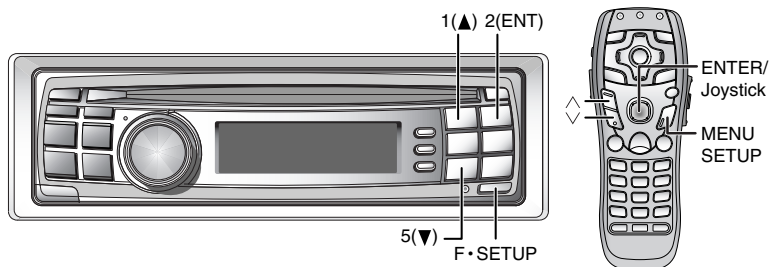
The unit can be set to play only the audio data ("CD-DA") or only the MP3 files ("MP3/WMA") on discs containing both audio data and MP3/WMA data (when using discs containing both audio data and MP3/WMA data).

GROUP: CD MODE

Setting item: CD-DA/ MP3/WMA

CD-DA: The unit can be set to play only the audio data on discs containing both audio data and MP3/WMA data.

MP3/WMA: Only the MP3/WMA files on discs containing both audio data and MP3/WMA data.



GENERAL Setup Operation

The following steps 1–6 are standard operations for the GENERAL setup.
Refer to the GENERAL setup menu chart for group selection in step 3, and setting items for step 4.
For details on each setting, refer to each item respectively.

The below setup operation can be performed using the buttons on the main unit or by using the supplied remote control.

- When using the buttons on the main unit:
Operate the buttons on the main unit while looking at the main unit's front panel display. In this case, GENERAL setup operations from the supplied remote control are not accepted.
- When using the supplied remote control:
Operate the remote control while looking at a monitor (sold separately).
If the remote control and monitor (sold separately) are not used together, then operate the buttons on the main unit.

<GENERAL setup menu chart>

The following are displayed on the main unit front panel display.

SETUP	GROUP	Setting item	Setting content	Related Page
GENERAL	ILLUMI.	COLOR	BLUE /GREEN/AMBER	▶ 84
		DIMMER	AUTO /OFF	▶ 84
		BRIGHT.	-2, -1, 0, +1, +2	▶ 84
	CLOCK	TIME	AM01~12, PM01~12 (12H)/00~23(24H)/00~59	▶ 84
		CALENDAR	YEAR/MONTH/DAY	▶ 85
		12H/24H	12H/ 24H	▶ 85
		CAL. TYPE	YYYY/MM/DD / DD/MM/YYYY	▶ 85
		SUMMER T	ON/ OFF	▶ 85
	V OUTPUT	S-VIDEO		▶ 85
		COMP.		▶ 85

The **bold characters** are the settings when the product is shipped.

<GENERAL setup standard operation>

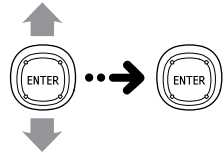


- 1 Press and hold **F • SETUP** for more than 3 seconds.

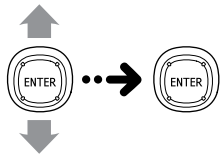


3Sec

- 2 Press **1 (▲)** or **5 (▼)**, select the GENERAL setup and press **2 (ENT)**.
The mode changes to GENERAL setup mode.



- 3 Press **1 (▲)** or **5 (▼)**, select the required group from the GENERAL setup mode, and press **2 (ENT)**.
The group is finalized. (Example: selecting ILLUMI.)

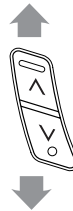


- 4 Press **1 (▲)** or **5 (▼)**, select the required setting item, and press **2 (ENT)**.
The setting item is finalized. (Example: selecting DIMMER)



- If V OUTPUT is selected in step 3, the operation is finished with step 4.

- 5 Press **1 (▲)** or **5 (▼)**, change the settings and press **2 (ENT)**.
The setting content is finalized. (Example: AUTO or OFF)



- If CALENDAR is selected in step 4, and if **1 (▲)**, **5 (▼)**, **3 (◀)**, **4 (▶)** is then entered after step 5 then the date can be entered. Press **2 (ENT)** to finalize the date.
- Press **6 (RTN)** in the setting mode to return to the previous display.

Continued

- 6 After setting, press and hold **F • SETUP** for more than 3 seconds.
The unit returns to normal mode.



3Sec

Before performing each setting, please refer to “GENERAL setup menu chart” on page 82 and “GENERAL setup standard operation” on page 83.

Changing lighting color

You can change the color of the button illumination with this function.

GROUP: ILLUMI. (ILLUMINATION)
Setting item: COLOR
Setting content: BLUE/GREEN/AMBER

Dimmer control

Set the DIMMER control to AUTO to decrease the illumination brightness of the unit with the head lights of the vehicle ON. This mode is useful if you feel the unit's backlighting is too bright at night.

GROUP: ILLUMI. (ILLUMINATION)
Setting item: DIMMER
Setting content: AUTO/OFF

- If the illumination cord is not connected then this does not work.

Adjusting the picture brightness

Picture brightness can be selected from 5 levels.

GROUP: ILLUMI. (ILLUMINATION)
Setting item: BRIGHT. (BRIGHTNESS)
Setting content: -2, -1, 0, +1, +2

-2 ~ +2
(Dark) (Bright)

Setting the time

GROUP: CLOCK (CLOCK ADJUST)
Setting item: TIME
Setting content: Time) AM01–12, PM01–12 (12H)/00–23 (24H)
minute) 00–59
Factory settings) 2004/1/1/00:00

- If you press 3 (◀) or 4 (▶), the cursor moves left or right along the digits.
- The time is displayed according to the settings in “Time display format (12H/24H)” (refer to page 85).

Setting the date

GROUP: **CLOCK (CLOCK ADJUST)**

Setting item: **CALENDAR**

Setting content: **YEAR/MONTH/DAY**

YEAR: 2004-

MONTH: 01-12

DAY: 01-31

- If you press 3 (◀) or 4 (▶), the cursor moves left or right along the digits.

Time display format (12H/24H)

GROUP: **CLOCK (CLOCK ADJUST)**

Setting item: **12H/24H**

Setting content: **12H/24H**

12H: Displays the time in 12 hour format.

24H: Displays the time in 24 hour format.

Changing the calendar display

GROUP: **CLOCK (CLOCK ADJUST)**

Setting item: **CAL. TYPE (CALENDAR TYPE)**

Setting content: **YYYY/MM/DD/ DD/MM/YYYY**

(Example: 31st January 2004)

YYYY/MM/DD: 2004/01/31

DD/MM/YYYY: 31/01/2004

Setting daylight saving time

GROUP: **CLOCK (CLOCK ADJUST)**

Setting item: **SUMMER T (DAYLIGHT SAVING TIME)**

Setting content: **OFF/ON**

ON: Place the Summer Time mode ON. The time advances by one hour.

OFF: Return to the ordinary time.

Changing the picture output

Change this setting, if a monitor (sold separately) is connected.

When this setting is made in the picture source mode, press **SOURCE/POWER** to set the picture source mode again after completing the setting. The setting contents are not changed if the source is left as it is.

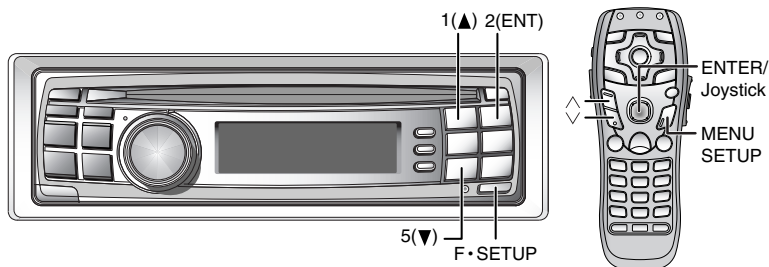
GROUP: **V OUTPUT**

Setting item: **S-VIDEO/COMP.**

S-VIDEO: Set if connecting to a monitor (sold separately by Alpine) with a S picture input terminal. A high resolution picture will be output.

COMP.: Set when connecting to separately sold monitors that do not have a S video input terminal.

- Change these settings after selecting "STOP" or other source, if the selected source is played back in DVD PLAYER mode.
- Connection of S video cable and RCA cable simultaneously is not allowed.
When connecting S video cable, change the setting to "S-VIDEO".
When connecting RCA cable, change to "COMP."



TUNER Setup Operation

The following steps 1–6 are standard operations for the TUNER setup.

Refer to the TUNER setup menu chart for group selection in step 3, and setting items for step 4. For details on each setting, refer to each item respectively.

The below setup operation can be performed using the buttons on the main unit or by using the supplied remote control.

- When using the buttons on the main unit:
Operate the buttons on the main unit while looking at the main unit's front panel display. In this case, TUNER setup operations from the supplied remote control are not accepted.
- When using the supplied remote control:
Operate the remote control while looking at a monitor (sold separately).
If the remote control and monitor (sold separately) are not used together, then operate the buttons on the main unit.

<TUNER setup menu chart>

The following are displayed on the main unit front panel display.

SETUP	GROUP	Setting item	Setting content	Related Page
TUNER	MODE	NORMAL		88
		HIFI		88
		STABLE		88
	RDS	REGIONAL	ON/OFF	88
		PI SEEK	AUTO/OFF	88
	FM LEVEL	HIGH		88
LOW		88		

The **bold characters** are the settings when the product is shipped.

<TUNER setup standard operation>



- 1 Press and hold **F • SETUP** for more than 3 seconds.

- 2 Press **1 (▲)** or **5 (▼)**, select the TUNER setup and press **2 (ENT)**.
The mode changes to TUNER setup mode.

- 3 Press **1 (▲)** or **5 (▼)**, select the required group from the TUNER setup mode, and press **2 (ENT)**.
The group is finalized. (Example: selecting RDS.)

- 4 Press **1 (▲)** or **5 (▼)**, select the required setting item, and press **2 (ENT)**.
The setting item is finalized. (Example: selecting REGIONAL)

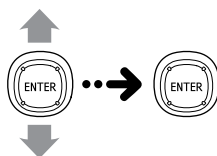
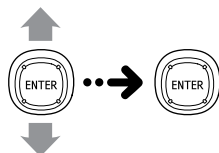
- If FM CONDITION is selected in step 3, the operation is finished with step 4.

- 5 Press **1 (▲)** or **5 (▼)**, change the settings and press **2 (ENT)**.
The setting content is finalized. (Example: ON or OFF)

- Press **6 (RTN)** in the setting mode to return to the previous display.



3Sec



Continued

- 6 After setting, press and hold **F • SETUP** for more than 3 seconds.
The unit returns to normal mode.



Before performing each setting, please refer to “TUNER setup menu chart” on page 86 and “TUNER setup standard operation” on page 87.

Setting the sound quality of the tuner

The DVI-9990R 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 and usage.

GROUP: **MODE (FM CONDITION)**

Setting item: **NORMAL/HIFI/STABLE**

NORMAL: Standard setting

HIFI: Sound quality priority setting

STABLE: Noiseless priority setting

Receiving RDS regional (local) stations

GROUP: **RDS**

Setting item: **REGIONAL (RDS REGIONAL)**

Setting content: **ON/OFF**

When OFF is selected, the unit automatically keeps receiving the related local RDS station.

PI SEEK setting

GROUP: **RDS**

Setting item: **PI SEEK**











Setting content: **AUTO/OFF**

Adjusting source signal levels

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

GROUP: **FM LEVEL**

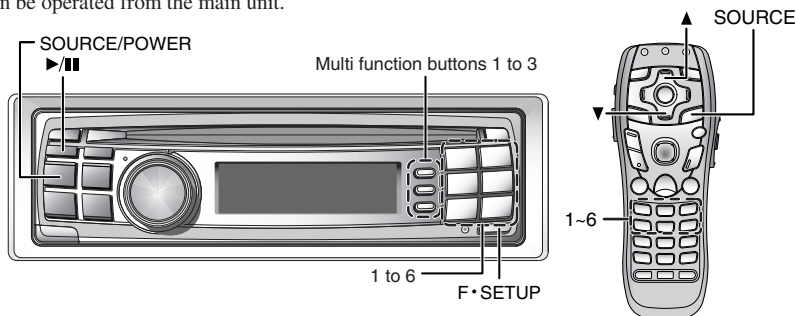
Setting item: **HIGH/LOW**

Supplementary information	This page includes supplementary information for pages 74 to 88. Please refer to these pages.	
TITLE	Description	Related page
Setting of the menu language/Setting of the audio language/Setting of the subtitle language	<p>The audio language, subtitle language and menu language can be set according to your preferences. Once set, this becomes the default language. This function is convenient when you always want to listen in English. (Not all discs allow changing the default language. If not, the default language is set from the factory.)</p> <ul style="list-style-type: none"> When the settings are changed, the old settings are overwritten. Make a note of the current settings before making changes. The settings are not cleared even when the vehicle's battery is disconnected. To temporarily change the language of the current disc, either do so from the DVD menu or by using the operation described in the section "Switching the audio tracks" (page 45). If the disc does not include the selected language, the disc's default language is set. 	 Page 76
Setting of the rating level (Parental Lock)	<p>When the settings are changed, the old settings are overwritten. Make a note of the current settings before making changes. Some settings are not cleared even when the vehicle's battery is disconnected.</p>	 Page 78
	<p>On unrated DVDs, playback will not be restricted even if the rating level is set.</p>	 Page 78
	<p>Once set, this rating level remains in memory until changed. To enable playback of discs of higher rating levels or to cancel the parental lock, the setting must be changed.</p>	 Page 78
	<p>Not all DVDs provide a Parental Lock feature. If you are unsure about a DVD, play it first to confirm. Do not leave inappropriate DVDs accessible to young children.</p>	 Page 78
	<p>Changing the rating level temporarily Some discs may request that you change the rating level set in the default settings during playback. In this case, the message appears on the monitor screen "PARENTAL LEVEL CHANGE OK? <YES/NO>."</p> <p>If this screen appears, change the level as follows:</p> <ul style="list-style-type: none"> To change parental level and play, press ENTER. To play without changing the parental level, press . (when  is pressed, playback will be at the parental level set with "Setting Parental Lock.") 	 Page 78
Changing the TV screen settings	<p>When the settings are changed, the old settings are overwritten. Make a note of the current settings before making changes. The settings are not cleared even when the vehicle's battery is disconnected.</p>	 Page 80
	<p>For some discs, the picture may not be set to the selected screen size. (For details, refer to the explanation on the disc's cover.)</p>	 Page 80

- The contents of the DVI-9990R display and the separately sold monitor are different.

Alpine F1 Status™ Changer (Optional)

If you connect a Ai-NET/IONBUS converter (KCI-500B) (sold separately) and a changer, then they can be operated from the main unit.



Controlling CD Changer (Optional)



- 1 Press **SOURCE/POWER** to activate the CHANGER mode. The display shows the disc number and track number.

<Display example>

→ TUNER → CD CHG* → DVD PLAYER

(*Only when the changer is connected.)

- 2-1 Select the disc number.

- ① **To select disc number 1 to 6:**
Press buttons (1) to (6) while the FUNC indicator is red.
(1) to (6) corresponds to disc numbers 1 to 6 respectively.

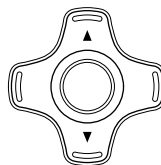
To select from multi function*:

- ① Press any one of **multi function buttons 1 to 3**.
The FUNC indicator switches off, and the multi function mode is displayed.
- ② Press **F • SETUP** within 5 seconds.
The multi function mode display is changed.
- ③ Press either **multi function (DISC ▲)** or **multi function (DISC ▼)** within 5 seconds, and select your desired disc.

* This operation cannot be performed with a MP3 compatible changer.



or



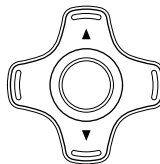
2-2 Select folder number (when connected with a MP3 compatible changer).

① Press any one of the **multi function buttons 1 to 3**.

The FUNC indicator switches off, and the multi function mode is displayed.

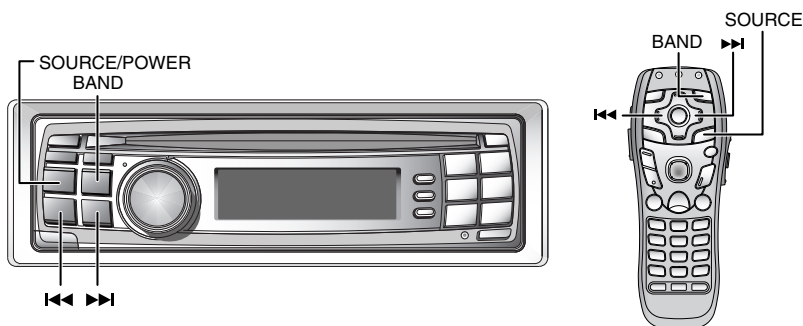
② Press either **multi function (FOL. ▲)** or **multi function (FOL. ▼)** within 5 seconds, and select the folder No.

- After selecting the desired disc, you can operate in the same way as for the CD player of this unit.
For details, please see the CD section.
- If you connect a changer compatible with MP3, you can play CD-ROMs, CD-Rs, and CD-RWs containing MP3 files on this unit. However, WMA cannot be played back.
- The unit can play discs containing both audio data and MP3 data.
- For operating MP3 with an MP3 compatible CD Changer, refer to “MP3/WMA” pages 20-28.



Alpine F1Status™

DAB (Optional)



Using DAB Receiver for the Ensemble Seek Tuning (Optional)

DAB (Digital Audio Broadcasting) offers excellent sound quality even in a moving vehicle, enabling you to receive various types of information, including weather and traffic information, and it also displays information sent from the broadcasting stations. You can also let urgent broadcasts or announcements interrupt a current broadcast.

- If you connect the DAB Receiver Box TUA-T100DAB (separately sold) and Ai-NET/IONBUS Converter KCI-500B (Separately sold), you can control DAB for the reception of broadcast.
- CD quality sound can be obtained from DAB broadcasts, although quality may differ on some services.
- Some broadcasting stations may perform test broadcasts.
- When DAB reception is poor, metallic noise may occur. This is not a malfunction.



1 Press **SOURCE/POWER** to select DAB.



2 Press **BAND** to select DAB1, DAB2, or DAB3.



3 If you press and hold ◀◀ or ▶▶ while receiving DAB1, 2, or 3, it starts searching for ensemble automatically.

By selecting the mode in the “Changing the Display Mode” (page 104), the display shows the status of the broadcasting stations that have been received as follows:

Channel No. Display: the channel numbers of received stations are displayed.

Ensemble Label Display: the Ensemble Label of received station is displayed.

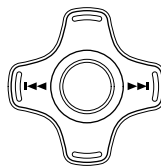
Service Label Display: the Ensemble Label is displayed for 2 seconds and then the Service Label is displayed after receiving the broadcasting station.

Component Label Display: the Ensemble Label is displayed for 2 seconds, then the Service Label is displayed for 2 seconds, and then the display is changed to the Component Label after receiving the broadcasting station.

Dynamic Label Display: the Ensemble Label is displayed for 2 seconds, then the Service Label is displayed for 2 seconds, and then the display is changed to the Dynamic Label after receiving the broadcasting station.

Frequency Display : the frequency of received stations are displayed.

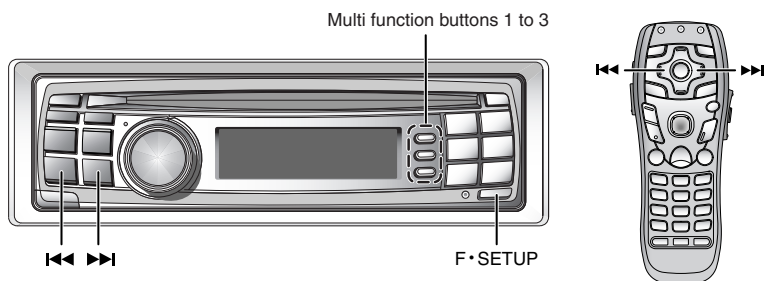
- When you use DAB, you can select a desired ensemble which may contain one or more services, any of which can be received. Furthermore, each service contains a Service Component, which itself can contain any number of Primary or Secondary services, depending on the Service Component. Several different kinds of services can be selected therefore.



Press and hold ◀◀ or ▶▶.

Alpine F1Status™

DAB (Optional)

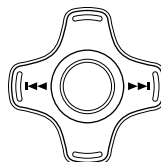


Changing the Service

Services are received within the ensemble that you are currently receiving.



- 1 While receiving the ensemble, momentarily press ◀◀ or ▶▶, and select the service that you desire.
The selected service label is displayed for 2 seconds, and then you return to the display that you select with the steps described under the section “Changing the Display Mode” (page 104).



Changing the Service Component

When listening to an Audio Service that has Secondary Service Components, you can change Audio Services of the Service Component between the Primary and Secondary.



The following operation is performed from the main unit.

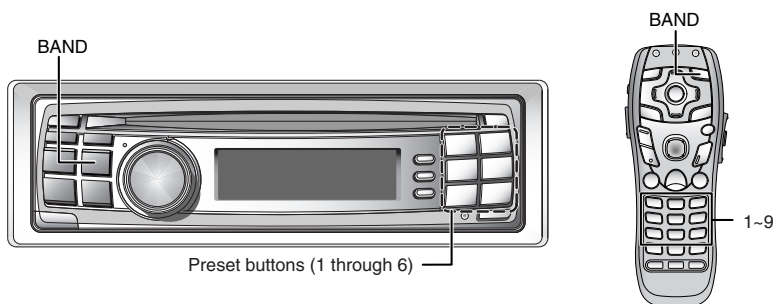
- 1** Press any one of the **multi function 1 to 3**.
The FUNC indicator switches off, and the multifunction mode is displayed.

- 2** Press **F • SETUP** within 5 seconds.
The display changes to multifunction mode display.

- 3** Press **multi function (P/S)** within 5 seconds to change the Service Component between the Primary and Secondary broadcast.
Every time you press the button the selection toggles.
The Component label is displayed for 2 seconds, and then you return to the display that you selected with the steps described under the section “Changing the Display Mode” (page 104).
 - If there exists a Secondary Service Component within a service, the indicator “S” blinks on the display. When receiving the Secondary Service Component, the indicator “S” remains lit.

Alpine F1Status™

DAB (Optional)



Memorizing the Service



1 Select the service that you want to memorize.

2 Press any one of the **Preset buttons (1 through 6)** for at least 2 seconds while the FUNC indicator lights red.



2Sec

3 To memorize more, repeat the above steps 1 and 2.

- You can memorize up to 18 stations (6 stations for each band; DAB1, DAB2, DAB3).
- If you select a preset button that has already memorized a service, the new selection overwrites the old preset.
- When you are not receiving DAB, the service is not memorized. (Memorize the service when the DAB reception is good.)

Receiving the Memorized Service



- 1 Press **BAND** to select your desired band.



- 2 Press one of the **Preset buttons (1 through 6)** while the FUNC indicator lights red.

The selected service is received.

By selecting the mode in the “Changing the Display Mode” (page 104), the display shows the status of the broadcasting stations that have been received as follows:

Channel No. Display: the channel numbers of received stations are displayed.

Ensemble Label Display: the Ensemble Label of received station is displayed.

Service Label Display: the Ensemble Label is displayed for 2 seconds and then the Service Label is displayed after receiving the broadcasting station.

Component Label Display: the Ensemble Label is displayed for 2 seconds, then the Service Label is displayed for 2 seconds, and then the display is changed to the Component Label after receiving the broadcasting station.

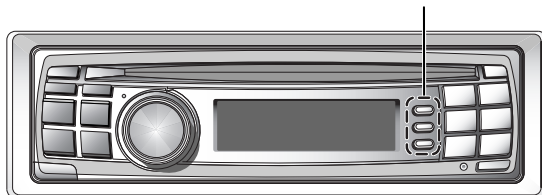
Dynamic Label Display: the Ensemble Label is displayed for 2 seconds, then the Service Label is displayed for 2 seconds, and then the display is changed to the Dynamic Label after receiving the broadcasting station.

Frequency Display: the frequency of received stations are displayed.

- When you receive the Secondary Service Component, you memorize the service, but when you call out this memorized service, the Primary Service Component will be called out.



Multi function buttons 1 to 3



Memorizing the Ensemble Automatically



The following operation is performed from the main unit.

- 1 After selecting your desired BAND, press any one of the **multi function 1 to 3**.
The FUNC indicator switches off, and the multifunction mode is displayed.

-
- 2 Press **multi function (A.MEMO)** within 5 seconds.
The ensemble is searched for, and six ensembles are automatically received and memorized with the preset buttons (1 through 6).
When memorization has completed, the Ensemble that was memorized last is received.

By selecting the mode in the “Changing the Display Mode” (page 104), the display shows the status of the broadcasting stations that have been received as follows:

Channel No. Display: the channel numbers of received stations are displayed.

Ensemble Label Display: the Ensemble Label of received station is displayed.

Service Label Display: the Ensemble Label is displayed for 2 seconds and then the Service Label is displayed after receiving the broadcasting station.

Component Label Display: the Ensemble Label is displayed for 2 seconds, then the Service Label is displayed for 2 seconds, and then the display is changed to the Component Label after receiving the broadcasting station.

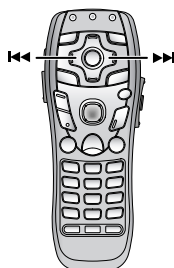
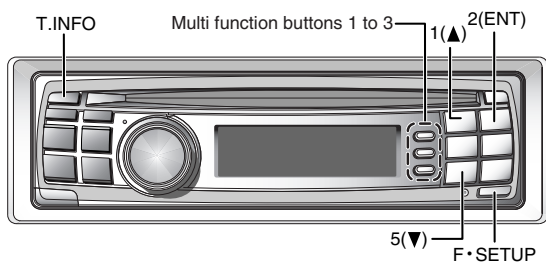
Dynamic Label Display: the Ensemble Label is displayed for 2 seconds, then the Service Label is displayed for 2 seconds, and then the display is changed to the Dynamic Label after receiving the broadcasting station.

Frequency Display: the frequency of received stations are displayed.

- If no ensemble is received, the one that has been received before you perform this automatic memorization is received.

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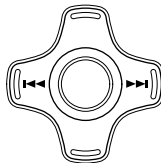
DAB (Optional)



PTY (Programme Type) Tuning



- 1 Press **F•SETUP** and the FUNC indicator switches off.
- 2 Press any one of the **multi function buttons 1 to 3**.
The FUNC indicator switches off, and the multifunction mode is displayed.
- 3 Press **multi function (SEARCH)** within 5 seconds.
The unit switches to PTY search mode.
- 4 Press **1 (▲)** or **5 (▼)** to select your desired programme type.



5 Press **2 (ENT)** to set the program type.

6 After selecting a programme type, press any one of the **multi function buttons 1 to 3**.

7 Press **multi function (SEEK)** within 5 seconds.
The selected program type search starts.

- To cancel the PTY SEEK mode during the PTY SEEK, press any one of multi function 1 to 3.

8 When the station is received, the received programme type is displayed for 5 seconds. If no station is found, "NO PTY" is displayed for 5 seconds.

- Above functions can be performed only for services within an Ensemble.

Turning ON/OFF Traffic News Announcement

When you set to ON, you can automatically receive the Traffic News.



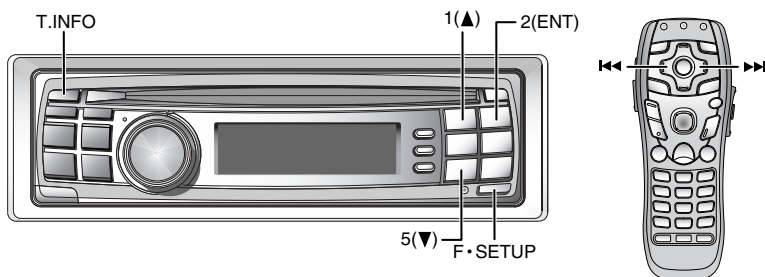
The following operation is performed from the main unit.

1 Press **T.INFO** to set ON/OFF for the Traffic News.
You can also set the RDS stations at the same time.

- This operation can also be performed by turning the Traffic News ON/OFF in the "Setting the Announcement Select Mode" (page 102).

Alpine F1Status™

DAB (Optional)



Setting the Announcement Select Mode



- 1 Press **T.INFO** for at least 2 seconds to turn ON the Announcement Select mode.

- 2 Press **F•SETUP** for more than 3 seconds.

- 3 Press **1 (▲)** or **5 (▼)**, select “EX-BOX”, and press **2 (ENT)**.

- 4 Press **1 (▲)** or **5 (▼)**, select “ANNOUN”, and press **2 (ENT)**.

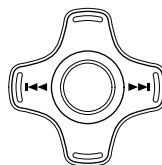
5 Press **1** (▲) or **5** (▼) to select your desired Announcement.

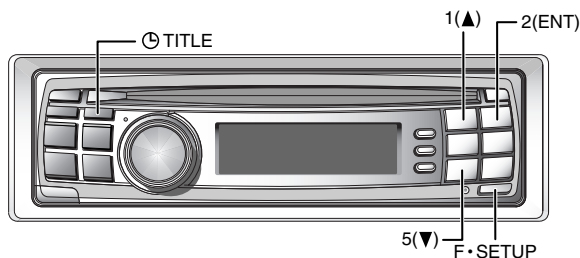
Announcement → All Select → Traffic News → Travel News → Warning → News → Weather → Event → Special Event → Radio Info → Sports news → Financial news → Announcement

6 Press **2** (ENT) to set ON/OFF for the selected Announcement.
Repeat Steps 3 and 4 to set more.

7 To set the Announcement Select mode OFF, press and hold **F • SETUP** for at least 3 seconds.

- When one of the selections between “All Select” and “Financial news” is set ON, no announcement interrupts are made if you set OFF for the “Announcement”.
- If you set ON/OFF with the “All Select” selection, you can set ON/OFF for the selections from “Traffic News” to “Financial news”.
- When an urgent broadcast is received, the mode automatically changes to the DAB mode to receive the Alarm Announcement. If you adjust the volume level at this time, that volume level is memorized, and that volume level is applied the next time you receive an urgent broadcast.
- If the announcement that you select in Step 3 interrupts, the selected announcement Label is displayed. If you adjust the volume level at this time, that volume level is memorized, and that volume level is applied the next time announcement interrupts.





Changing the Display Mode

You can display information that is sent from broadcasting stations, such as the channel number or the service name that you are receiving or listening.



The following operation is performed from the main unit.

- 1 While receiving DAB, press **TITLE** to change the display mode.

Channel No. Display → Ensemble Label Display → Service Label Display → Component Label Display*¹ → Dynamic Label Display*² → Frequency Display → Channel No. Display

*¹ You can display this only when the broadcasting station supplies the Service Component Label. Otherwise, “NO COMPO” is displayed.

*² If the character information contains more than 12 characters, then the display scrolls once only.

- “NO TEXT” is displayed when broadcasting stations which contain no Dynamic Label are received. However, when a station is waiting for its reception, “WAITING” is displayed.

Receiving Announcement Information of DAB Local Stations



The following operation is performed from the main unit.

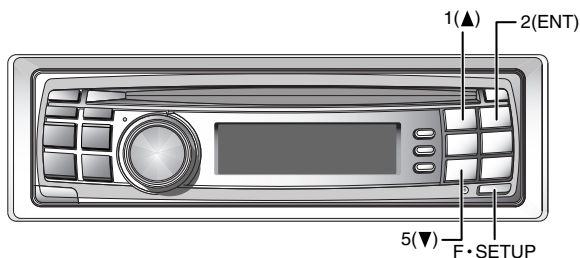
- 1** Press and hold **F • SETUP** for at least 3 seconds.

- 2** Press **1 (▲)** or **5 (▼)**, select “EX-BOX”, and press **2 (ENT)**.

- 3** Press **1 (▲)** or **5 (▼)** to select “DAB REG”.

- 4** Press **2 (ENT)** to select ON or OFF for DAB REG.
ON: You can automatically receive announcement interruptions that are valid for the region you are currently in.
OFF: Announcement interruptions are valid for all regions.

- 5** Press and hold **F • SETUP** for at least 3 seconds to return to the normal mode.



Setting for Automatic Change from DAB to RDS

When the DAB reception is poor, you can set this selection ON to automatically change to the RDS station (a station that can be received) within the same broadcasting station until good reception is achieved. You can switch this for voice only (except Service label/Dynamic label display). The display and operation remain as for DAB.



The following operation is performed from the main unit.

- 1 Press and hold **F • SETUP** for at least 3 seconds.

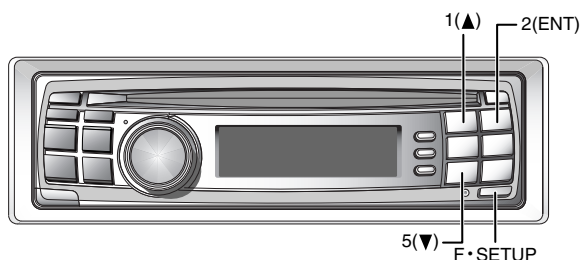
- 2 Press **1 (▲)** or **5 (▼)**, select “EX-BOX”, and press **2 (ENT)**.

- 3 Press **1 (▲)** or **5 (▼)** to select “DAB SW”.

4 Press **2 (ENT)** to select either ON or OFF.

5 Press and hold **F • SETUP** for at least 3 seconds to return to the normal mode.

- When reception is being changed from DAB to RDS, the DAB indicator blinks.



Setting ON/OFF for DRC (Dynamic Range Control)

If you set this ON when receiving the sound of a wide Dynamic Range, the DRC (Dynamic Range Control) gain increases when the source sound is small, and the DRC (Dynamic Range Control) gain decreases when the source sound is large, making the Dynamic Range narrower to give you better and more comfortable sound even in the vehicle that produces a large noise.



The following operation is performed from the main unit.

- 1 Press and hold **F • SETUP** for at least 3 seconds.

- 2 Press **1 (▲)** or **5 (▼)**, select “EX-BOX”, and press **2 (ENT)**.

- 3 Press **1 (▲)** or **5 (▼)** to select “DAB DRC”.

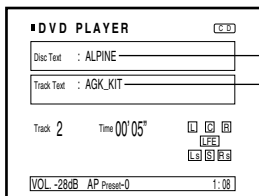
4 Press **2 (ENT)** to select either ON or OFF.

5 Press and hold **F • SETUP** for at least 3 seconds to return to the normal mode.

- When a radio programme is set to ON, sound other than what you previously set may be produced depending on the broadcast. In this case, turn the programme OFF.

About the Monitor Display

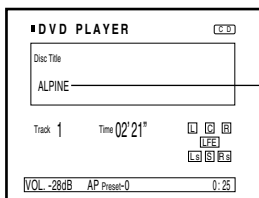
CD (with text)



Text display (Disc name)
Text display (Track name)

- The disc number is displayed for a changer.

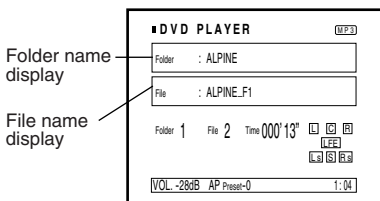
CD (no text)



Title display
Title is displayed if entered.

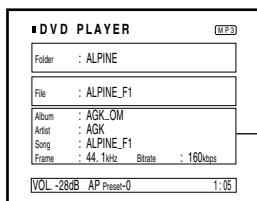
- The disc number is displayed for a changer.

MP3/WMA



Folder name display
File name display

(Example of a MP3 screen)



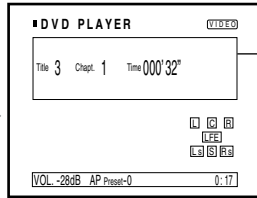
Display of tag information

- The disc number is displayed for a changer.

DVD Audio/DVD Video/Video CD



(An example of DVD video)



(Example of a DVD video screen)

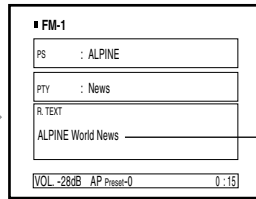
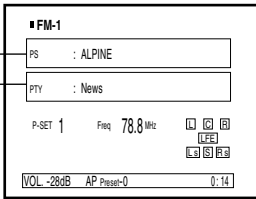
Displays the title/
chapter/playback
time etc.

Radio

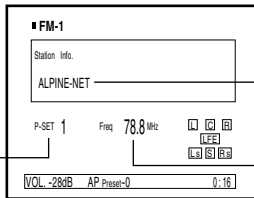
(Example of an FM Radio screen)

PS
Information

PTY
Information



RADIO TEXT
Information



Station Information

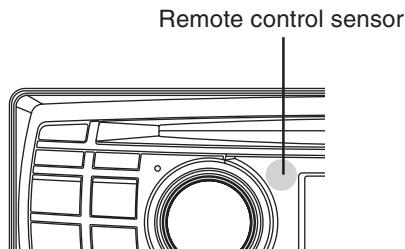
Frequency display

Preset number display
Displayed if a stored
radio station is selected.

Remote Control Operation

Notes on Using Remote Control

Point the remote control transmitter at the remote control sensor.

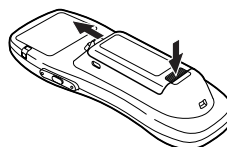


- Point the remote control at the remote sensor within about 2 meter. When connected to the TMI-M990, if the remote control is pointed towards the remote control sensor of the TMI-M990, the operation will be received in the same way.
- It may not be possible to operate the remote control unit if the remote control sensor is exposed to direct sunlight.
- The remote control is a small, light weight precision device. To avoid damage, short battery life, operational errors and poor button response, observe the following.
 - Do not apply any shock.
 - Do not put in a trouser pocket.
 - Keep away from food, moisture and dirt.
 - Do not place in direct sunshine.

Battery Replacement

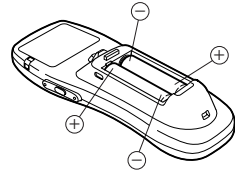
Applicable battery: Use two “AAA” sized dry batteries or equivalent.

- 1** Opening the battery cover.
Push on the cover and slide it as indicated by the arrows then the cover will be removed.



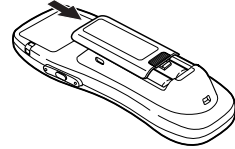
2 Replacing the battery.

Put the batteries in the case observing the polarities as illustrated.



3 Closing the cover.

Push the cover in the arrow direction until a click is heard.



Warning

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.

- Operation may differ or may not be possible for some products. Also refer to the product's operating instructions.

Operating the Monitor/TV Tuner (sold separately)

If the monitor (TMI-M990) or the TV tuner (TUE-T152), (both sold separately by Alpine) are connected, the supplied remote control can also operate these products.

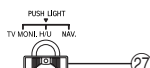
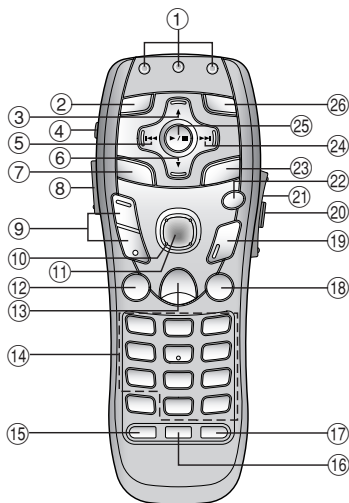
The only TV monitor that can be operated by the supplied remote control is the TMI-M990.

Refer to the user manual supplied with the TMI-M990 for operating the separately sold TMI-M990.

Remote Control Operation

Operating for the DVI-9990R

Set the mode selector switch to “H/U” to perform operations on the DVI-9990R.



(Rear of the Remote Control)

① TV MONI./H/U/NAV. Transmission Indicator

When the mode selector switch is switched, the transmission indicators for the various modes light for several seconds.

② A.PROC. Button

Used when operating the external multimedia manager (PX1-H990).

- Preset UP
- Press and hold for more than 3 seconds to access AP setup mode.

③ ▲ Button

Radio mode:

Selects, in ascending order, stations programmed into the radio's presets.

MP3 mode:

Folder Select (UP) Button to selects the folder.

CD Changer mode:

DISC Select (UP) Button selects a disc in ascending order.

DVD Audio mode (when video/audio is output):

Page Select (UP) Button.

④ POWER Button

Turns the power on/off.

⑤ ◀▶ Button

Radio mode:

SEEK (DN) Button

CD/Changer mode:

Press the button to go back to the beginning of the current track. Press and hold to fast reverse.

MP3 mode:

Press the button to go back to the beginning of the current file.

DVD Video/Video CD:

Move to the desired position on the disc. During playback, press and hold for more than 1 second to reverse the disc at double speed. Hold for more than 5 seconds to reverse the disc at 8 times the normal speed.

DVD Audio mode:

Track down. Press and hold to fast reverse.

⑥ ▼ Button

Radio mode:

Selects, in descending order, stations programmed into the radio's presets.

MP3 mode:

Folder Select (DN) Button selects the folder.

CD Changer mode:

Disc Select (DN) Button selects a disc in descending order.

DVD Audio mode (when video/audio is output):

Page Select (DOWN) Button.

⑦ V.SEL. Button

Switches the screen when the unit is used in combination with a separately sold monitor (TMI-M990).

⑧ LIGHT Button

Parts with illumination light up.

⑨ ^ / v Button

Selects the value for setting during the setup operation.

⑩ Joystick

Selects an item displayed in the screen.

⑪ ENTER Button

Enters the selected item.

⑫ **TITLE Button**

DVD Audio (when video/audio is output)/
DVD Video/Video CD mode:
Displays playback status.

MP3/Radio mode:
Changes details displayed (when a
separately sold monitor is connected).

⑬ **RETURN Button**

DVD Audio/DVD Video/Video CD (PBC
ON) mode:

Returns to the previous display. (Does
not return in some discs.)

Setup mode:

Returns to the previous display.

⑭ **Numeric Keypad**

DVD audio/DVD video (during PRE STOP)/
Video CD (when PBC is OFF) mode:

Used for input for moving to the start of
the chapter/track/title.

Changer mode:

Select disc number.

⑮ **AUDIO Button**

DVD Audio*/DVD Video/Video CD mode:
Switches audio. *Press and hold for at
least 2 seconds when the audio is
output.

DVD Audio (when audio is output)/CD/
MP3 mode:

The repeat mode is set.

⑯ **SUBT. Button**

DVD Audio (when video/audio is output)/
DVD Video mode:

Switches the subtitle.

DVD Audio (when audio is output)/CD/
MP3 mode:

The M.I.X. mode is set.

⑰ **ANGLE Button**

DVD Audio (when video/audio is output)/
DVD Video mode:

Switches the angle of the picture.

DVD Audio (when audio is output)/CD/
MP3 mode:

The scan mode ON/OFF.

⑱ **TOP.M/DISP Button**

DVD Audio (when video/audio is output)/
DVD Video/Video CD mode:

Displays the Menu (Top menu) display.
DVD Audio (when video/audio is output)/
DVD Video/Video CD mode:

By pressing and holding for at least 2
seconds, the video screen and
playback status screen change.

⑲ **MENU/SETUP Button**

MP3 mode:

The Folder search mode ON/OFF.

DVD Audio (when video/audio is output)/
DVD Video mode:

Shows the menu (Root menu) display.

Video CD mode:

Turns PBC ON or OFF. (for Video CD
with PBC functions)

By pressing and holding it for more
than 3 seconds, the setup screen is
switched on or off.

⑳ **MUTE Button**

Lowers the volume by 20 dB instantly.
Press the button again to cancel.

㉑ **VOLUME < / > Button**

Increases or decreases the volume level.

㉒ **■ Button**

Disc mode:

Performs stop (playback is stopped).

㉓ **SOURCE Button**

Selects the audio source.

㉔ **▶▶ Button**

Radio mode: SEEK (UP) Button

CD changer mode:

Press the button to advance to the
beginning of the next track. Press and
hold to fast forward.

MP3 mode:

Press the button to advance to the
beginning of the next file.

DVD Video/Video CD:

- Move to the desired position on the
disc.
- During playback, press and hold for
more than 1 second to forward the
disc at double speed. Hold for more
than 5 seconds to forward the disc at
8 times the normal speed.
- When pressed and held in while in
the pause mode, the disc is played in
slow motion at 1/8th the normal
speed. When held in for 5 more
seconds, the slow motion speed
switches to 1/2 the normal speed.
- The picture is forwarded by one
frame each time the button is
pressed in the pause mode.

DVD Audio mode:

Track UP. Press and hold to fast
forward.

㉕ **▶/■ Button**

Disc mode:

Switches between play and pause.

㉖ **BAND Button**

Radio mode: Changes the band.


㉗ **MODE Change Switch**

Sets to "H/U" to operate the DVI-9990R.

Sets to "TV MONI." to operate a
separately sold TV monitor.

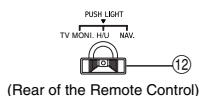
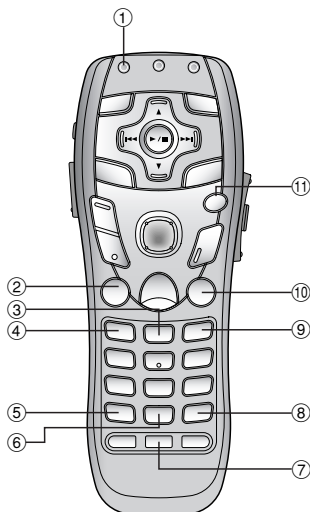
Sets to "NAV." to operate a separately
sold navigation product.

When pressed, parts with illumination
light up.

- Depending on the disc or playback status,
certain operations may not work. In this
case, the  mark is displayed on the
monitor screen.

Remote Control Operation

Operating the Navigation (sold separately)



- ① **NAV. transmission indicator**
The transmission indicator lights for few seconds when the mode selector switch is set to the "NAV." side.
- ② **LO.PT. (Local Point) Button**
Pressing this button displays the current position of the vehicle or local interest points in the vicinity. When this button is pressed, the selection menu for the displayed local points will appear in the display.
- ③ **POS. (Position) Button**
Returns to the current position of your vehicle or displays the latitude/longitude. When this button is kept pressed, the screen display changes as follows:
North-up ↔ Heading-up
- ④ **ROUTE Button**
Pressing this button searches for the route again and switches between motorway preference and ordinary road preference for route searching.
- ⑤ **DEST. (Destination) Button**
Displays street name inputting screen.
- ⑥ **TEL Button**
Displays the telephone number inputting screen.
- ⑦ **DEL.DEST. Button**
Deletes current destination.
- ⑧ **OK M.PT (Memory Point) Button**
Displays the memory point list.
- ⑨ **VOICE Button**
Initiates vocal instruction for next route maneuver or repeats last instruction.
- ⑩ **□ Button**
Switches between two pictures and one picture.
- ⑪ **MODE Button**
Press this button to input numerals using the numeric keypad, DEL. and +10 buttons. After pressing the MODE button, the following buttons will be pressed while the status indicator is blinking: numerals (0-9), DEL. and +10.
- ⑫ **Mode change switch**
Set this switch to the "NAV." side to operate a connected Alpine navigation system.

Information

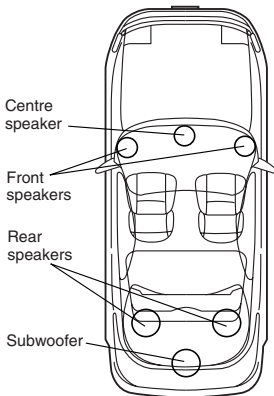
Terminology

Dolby Digital

Dolby Digital is a digital audio compression technology developed by Dolby Laboratories that allows large quantities of audio data to be efficiently recorded on discs. It is compatible with audio signals from mono (1 channel) all the way up to 5.1-channel surround sound. The signals for the different channels are completely independent, and since the sound is high quality digital there is no loss of sound quality.

* The separately sold multi media manager (PXI-H990) is required to enjoy full 5.1-channel surround sound.

The DVI-9990R performs Dolby Digital decoding when it outputs analog audio signals, it just happens to be 2-channel audio not 5.1-channel.



**Speaker layout for enjoying
Dolby Digital sound/dts sound**

DTS

This is a home-use digital sound format of the DTS Sound System. This is a high quality sound system, developed by Digital Theater Systems, Inc. for use in movie theatres.

DTS has six independent sound tracks. The theatre presentation is fully realized in the home and other settings. DTS is the abbreviation for Digital Theater System.

* To enjoy DTS surround sound you need the separately sold multi media manager (PXI-H990). The DVD video software must also have a DTS sound track.

The DVI-9990R has a built-in DTS 2-channel audio decoder. Analog audio outputs are available.

Dolby Pro Logic II

Dolby Pro Logic II plays 2-channel sources in 5 channels over the entire frequency range. This is done with an advanced, high sound quality matrix surround decoder which draws out the spatial properties of the original recording without adding any sounds to or changing the sound of the source.

* The separately sold multi media manager (PXI-H990) is required to enjoy Dolby Pro Logic II surround sound.

Linear PCM audio (LPCM)

This is a recording format that produces high sound quality without sound compression. Whereas music CDs are recorded at 44.1 kHz/16 bits, DVD audio is recorded at 48kHz/16 bit/6 ch, 96kHz/24 bit/6 ch, 192kHz/24 bit/2 ch, DVD-videos are recorded at 48 kHz/16 bits to 96 kHz/24 bits, thereby achieving higher sound quality than music CDs.

Rating levels (parental lock)

This is a function of the DVD for restricting the viewing age as stipulated by laws in different countries. The way in which viewing is restricted differs from DVD to DVD. Sometimes the DVD cannot be played at all, other times certain scenes are skipped, and other times certain scenes are replaced with other scenes.

List of language codes

(For details, see pages 76.)

Abbreviation	Code	Language	Abbreviation	Code	Language	Abbreviation	Code	Language
AA	6565	Afar	IE	7369	Interlingue	RN	8278	Kirundi
AB	6566	Abkhazian	IK	7375	Inupiak	RO	8279	Romanian
AF	6570	Afrikaans	IN	7378	Indonesian	RU	8285	Russian
AM	6577	Amharic	IS	7383	Icelandic	RW	8287	Kinyarwanda
AR	6582	Arabic	IT	7384	Italian	SA	8365	Sanskrit
AS	6583	Assamese	IW	7387	Hebrew	SD	8368	Sindhi
AY	6589	Aymara	JA	7465	Japanese	SG	8371	Sangho
AZ	6590	Azerbaijani	JL	7473	Yiddish	SH	8372	Serbo-Croatian
BA	6665	Bashkir	JW	7487	Javanese	SI	8373	Singhalese
BE	6669	Byelorussian	KA	7565	Georgian	SK	8375	Slovak
BG	6671	Bulgarian	KK	7575	Kazakh	SL	8376	Slovenian
BH	6672	Bihari	KL	7576	Greenlandic	SM	8377	Samoan
BI	6673	Bislama	KM	7577	Cambodian	SN	8378	Shona
BN	6678	Bengali, Bangla	KN	7578	Kannada	SO	8379	Somali
BO	6679	Tibetan	KO	7579	Korean	SQ	8381	Albanian
BR	6682	Breton	KS	7583	Kashmiri	SR	8382	Serbian
CA	6765	Catalan	KU	7585	Kurdish	SS	8383	Siswati
CO	6779	Corsican	KY	7589	Kirghiz	ST	8384	Sesotho
CS	6783	Czech	LA	7665	Latin	SU	8385	Sundanese
CY	6789	Welsh	LN	7678	Lingala	SV	8386	Swedish
DA	6865	Danish	LO	7679	Laothian	SW	8387	Swahili
DE	6869	German	LT	7684	Lithuanian	TA	8465	Tamil
DZ	6890	Bhutani	LV	7686	Latvian, Lettish	TE	8469	Telugu
EL	6976	Greek	MG	7771	Malagasy	TG	8471	Tajik
EN	6978	English	MI	7773	Maori	TH	8472	Thai
EO	6979	Esperanto	MK	7775	Macedonian	TI	8473	Tigrinya
ES	6983	Spanish	ML	7776	Malayalam	TK	8475	Turkmen
ET	6984	Estonian	MN	7778	Mongolian	TL	8476	Tagalog
EU	6985	Basque	MO	7779	Moldavian	TN	8478	Setswana
FA	7065	Persian	MR	7782	Marathi	TO	8479	Tonga
FI	7073	Finnish	MS	7783	Malay	TR	8482	Turkish
FJ	7074	Fiji	MT	7784	Maltese	TS	8483	Tsonga
FO	7079	Faroese	MY	7789	Burmese	TT	8484	Tatar
FR	7082	French	NA	7865	Nauru	TW	8487	Twi
FY	7089	Frisian	NE	7869	Nepali	UK	8575	Ukrainian
GA	7165	Irish	NL	7876	Dutch	UR	8582	Urdu
GD	7168	Scots Gaelic	NO	7879	Norwegian	UZ	8590	Uzbek
GL	7176	Galician	OC	7967	Occitan	VI	8673	Vietnamese
GN	7178	Guarani	OM	7977	(Afan) Oromo	VO	8679	Volapuk
GU	7185	Gujarati	OR	7982	Oriya	WO	8779	Wolof
HA	7265	Hausa	PA	8065	Punjabi	XH	8872	Xhosa
HI	7273	Hindi	PL	8076	Polish	YO	8979	Yoruba
HR	7282	Croatian	PS	8083	Pashto, Pushto	ZH	9072	Chinese
HU	7285	Hungarian	PT	8084	Portuguese	ZU	9085	Zulu
HY	7289	Armenian	QU	8185	Quechua			
IA	7365	Interlingua	RM	8277	Rhaeto-Romance			

List of country codes

(For details, see page 77.)

Abbreviation	Code	Country	Abbreviation	Code	Country	Abbreviation	Code	Country
AD	6568	Andorra	DM	6877	Dominica	KI	7573	Kiribati
AE	6569	United Arab Emirates	DO	6879	Dominican Republic	KM	7577	Comoros
AF	6570	Afghanistan	DZ	6890	Algeria	KN	7578	Saint Kitts and Nevis
AG	6571	Antigua and Barbuda	EC	6967	Ecuador	KP	7580	Korea, Democratic People's Republic of
AI	6573	Anguilla	EE	6969	Estonia			
AL	6576	Albania	EG	6971	Egypt	KR	7582	Korea, Republic of
AM	6577	Armenia	EH	6972	Western Sahara	KW	7587	Kuwait
AN	6578	Netherlands Antilles	ER	6982	Eritrea	KY	7589	Cayman Islands
AO	6579	Angola	ES	6983	Spain	KZ	7590	Kazakhstan
AQ	6581	Antarctica	ET	6984	Ethiopia	LA	7665	Lao People's Democratic Republic
AR	6582	Argentina	FI	7073	Finland			
AS	6583	American Samoa	FJ	7074	Fiji	LB	7666	Lebanon
AT	6584	Austria	FK	7075	Falkland Islands	LC	7667	Saint Lucia
AU	6585	Australia	FM	7077	Micronesia, Federated States of	LI	7673	Liechtenstein
AW	6587	Aruba	FO	7079	Faroe Islands	LK	7675	Sri Lanka
AZ	6590	Azerbaijan	FR	7082	France	LR	7682	Liberia
BA	6665	Bosnia and Herzegovina	GA	7165	Gabon	LS	7683	Lesotho
BB	6666	Barbados	GB	7166	United Kingdom	LT	7684	Lithuania
BD	6668	Bangladesh	GD	7168	Grenada	LU	7685	Luxembourg
BE	6669	Belgium	GE	7169	Georgia	LV	7686	Latvia
BF	6670	Burkina Faso	GF	7170	French Guiana	LY	7689	Libyan Arab Jamahiriya
BG	6671	Bulgaria	GH	7172	Ghana	MA	7765	Morocco
BH	6672	Bahrain	GI	7173	Gibraltar	MC	7767	Monaco
BI	6673	Burundi	GL	7176	Greenland	MD	7768	Moldova, Republic of
BJ	6674	Benin	GM	7177	Gambia	MG	7771	Madagascar
BM	6677	Bermuda	GN	7178	Guinea	MH	7772	Marshall Islands
BN	6678	Brunei Darussalam	GP	7180	Guadeloupe	MK	7775	Macedonia, The former Yugoslav Republic of
BO	6679	Bolivia	GQ	7181	Equatorial Guinea			
BR	6682	Brazil	GR	7182	Greece	ML	7776	Mali
BS	6683	Bahamas	GS	7183	South Georgia and the South Sandwich Islands	MM	7777	Myanmar
BT	6684	Bhutan				MN	7778	Mongolia
BV	6686	Bouvet Island	GT	7184	Guatemala	MO	7779	Macau
BW	6687	Botswana	GU	7185	Guam	MP	7780	Northern Mariana Islands
BY	6689	Belarus	GW	7187	Guinea-Bissau	MQ	7781	Martinique
BZ	6690	Belize	GY	7189	Guyana	MR	7782	Mauritania
CA	6765	Canada	HK	7275	Hong Kong	MS	7783	Montserrat
CC	6767	Cocos (Keeling) Islands	HM	7277	Heard Island and McDonald Islands	MT	7784	Malta
CD	6768	Congo, the Democratic Republic of the	HN	7278	Honduras	MU	7785	Mauritius
CF	6770	Central African Republic	HR	7282	Croatia	MV	7786	Maldives
CG	6771	Congo	HT	7284	Haiti	MW	7787	Malawi
CH	6772	Switzerland	HU	7285	Hungary	MX	7788	Mexico
CI	6773	Cote d'Ivoire	ID	7368	Indonesia	MY	7789	Malaysia
CK	6775	Cook Islands	IE	7369	Ireland	MZ	7790	Mozambique
CL	6776	Chile	IL	7376	Israel	NA	7865	Namibia
CM	6777	Cameroon	IN	7378	India	NC	7867	New Caledonia
CN	6778	China	IO	7379	British Indian Ocean Territory	NE	7869	Niger
CO	6779	Colombia	IQ	7381	Iraq	NF	7870	Norfolk Island
CR	6782	Costa Rica	IR	7382	Iran, Islamic Republic of	NG	7871	Nigeria
CU	6785	Cuba	IS	7383	Iceland	NI	7873	Nicaragua
CV	6786	Cape Verde	IT	7384	Italy	NL	7876	Netherlands
CX	6788	Christmas Island	JM	7477	Jamaica	NO	7879	Norway
CY	6789	Cyprus	JO	7479	Jordan	NP	7880	Nepal
CZ	6790	Czech Republic	JP	7480	Japan	NR	7882	Nauru
DE	6869	Germany	KE	7569	Kenya	NU	7885	Niue
DJ	6874	Djibouti	KG	7571	Kyrgyzstan	NZ	7890	New Zealand
DK	6875	Denmark	KH	7572	Cambodia	OM	7977	Oman
						PA	8065	Panama

Continued

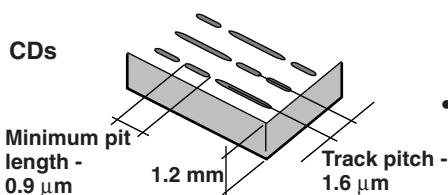
List of country codes

(For details, see page 77.)

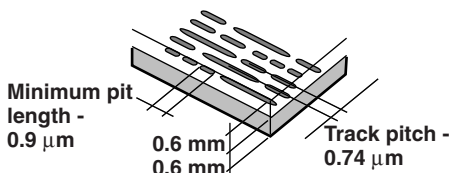
Abbreviation	Code	Country	Abbreviation	Code	Country	Abbreviation	Code	Country
PE	8069	Peru	SJ	8374	Svalbard and Jan Mayen	TW	8487	Taiwan, Province of China
PF	8070	French Polynesia	SK	8375	Slovakia	TZ	8490	Tanzania, United Republic of
PG	8071	Papua New Guinea	SL	8376	Sierra Leone	UA	8565	Ukraine
PH	8072	Philippines	SM	8377	San Marino	UG	8571	Uganda
PK	8075	Pakistan	SN	8378	Senegal	UM	8577	United States Minor Outlying Islands
PL	8076	Poland	SO	8379	Somalia	US	8583	United States
PM	8077	Saint Pierre and Miquelon	SR	8382	Suriname	UY	8589	Uruguay
PN	8078	Pitcairn	ST	8384	Sao Tome and Principe	UZ	8590	Uzbekistan
PR	8082	Puerto Rico	SV	8386	El Salvador	VA	8665	Holy See (Vatican City State)
PT	8084	Portugal	SY	8389	Syrian Arab Republic	VC	8667	Saint Vincent and the Grenadines
PW	8087	Palau	SZ	8390	Swaziland	VE	8669	Venezuela
PY	8089	Paraguay	TC	8467	Turks and Caicos Islands	VG	8671	Virgin Island, British
QA	8165	Qatar	TD	8468	Chad	VI	8673	Virgin Islands, U.S
RE	8269	Reunion	TF	8470	French Southern Territories	VN	8678	Viet Nam
RO	8279	Romania	TG	8471	Togo	VU	8685	Vanuatu
RU	8285	Russian Federation	TH	8472	Thailand	WF	8770	Wallis and Futuna
RW	8287	Rwanda	TJ	8474	Tajikistan	WS	8783	Samoa
SA	8365	Saudi Arabia	TK	8475	Tokelau	YE	8969	Yemen
SB	8366	Solomon Islands	TM	8477	Turkmenistan	YT	8984	Mayotte
SC	8367	Seychelles	TN	8478	Tunisia	YU	8985	Yugostavia
SD	8368	Sudan	TO	8479	Tonga	ZA	9065	South Afr
SE	8369	Sweden	TP	8480	East Timor	ZM	9077	Zambia
SG	8371	Singapore	TR	8482	Turkey	ZW	9087	Zimbabwe
SH	8372	Saint Helena	TT	8484	Trinidad and Tobago			
SI	8373	Slovenia	TV	8486	Tuvalu			

About DVDs

Music CDs and DVDs have grooves (tracks) in which the digital data is recorded. The data is represented as microscopic pits recorded into the track – these pits are read by a laser beam to play the disc. On DVDs, the density of the tracks and pits is twice that of CDs, so DVDs can contain more data in less space.



DVDs



A 12 cm disc can contain one movie or about four hours of music. In addition, DVDs provide sharp picture quality with vivid colors thanks to a horizontal resolution of over 500 lines (compared to less than 300 for VHS tape). With the addition of an optional multi media manager (PXI-H990), you can recreate the power and presence of a movie theater with Dolby Digital 5.1-channel Surround.

Moreover, DVDs offer a variety of functions.

- **Multiple audio* (page 45)**

Movies can be recorded in up to eight languages. The desired language can be selected from the remote control unit.

- **Subtitles function* (page 47)**

Movies can include subtitles in up to 32 languages. The desired subtitle language can be selected from the remote control unit.

- **Multi angle function* (page 46)**

When the DVD contains a movie shot from multiple angles, the desired angle can be selected from the remote control unit.

- **Multi story function***

With this function, a single movie includes various story lines. You can select different story lines to view various versions of the same movie. Operation differs from disc to disc. Story line selection screens including instructions appear during the movie. Just follow the instructions.

* The functions audio languages, subtitle languages, angles, etc., differ from disc to disc. For details, refer to the disc's instructions.

About MP3/WMA

CAUTION

Except for private use, duplicating audio data (including MP3/WMA data) or distributing, transferring, or copying it, whether for free or for a fee, without permission of the copyright holder is strictly prohibited by the Copyright Act and by international treaty.

What is MP3?

MP3, whose official name is “MPEG-1 Audio Layer 3,” is a compression standard prescribed by the ISO, the International Standardization Organization and MPEG which is a joint activity institution of the IEC.

MP3 files contain compressed audio data. MP3 encoding is capable of compressing audio data at extremely high ratios, reducing the size of music files to as much as one-tenth their original size. This is achieved while still maintaining near CD quality. The MP3 format realizes such high compression ratios by eliminating the sounds that are either inaudible to the human ear or masked by other sounds.

What is WMA?

WMA, or “Windows Media™ Audio”, is compressed audio data.

WMA allows you to create music files and store them at higher ratios of compression than MP3 audio data (approx. half original size). This is achieved while still maintaining CD quality sound.

Method for creating MP3/WMA files

Audio data is compressed by using MP3/WMA specified software. For details on creating MP3/WMA files, refer to the

user's manual for that software.

MP3/WMA files that can be played back by this device have the file extension “mp3” / “wma”. Files with no extension cannot be played back. (WMA ver. 7.1 and 8 are supported)

Supported playback sampling rates and bit rates

MP3

Sampling rates: 32 kHz, 44.1 kHz, 48 kHz

Bit rates: 32 - 320 kbps

WMA

Sampling rates: 32 kHz, 44.1 kHz, 48 kHz

Bit rates: 20 - 192 kbps

Note that for sampling rates, this device's frame display (Page 67) may not display correctly.

This device may not play back correctly depending on sampling rates.

ID3 tags/WMA tags

This device supports ID3 tag v1, and WMA tag.

If tag data is in an MP3/WMA file, this device can display the title (track title), artist name, and album name ID3 tag/WMA tag data.

This device can only display single-byte alphanumeric characters (up to 30) and the underscore. For non-supported characters, “NO SUPPORT” is displayed.

The tag information may not be correctly displayed, depending on the contents.

Producing MP3/WMA discs

MP3/WMA files are prepared, then written to a CD-R or CD-RW using CD-R writing software. A disc can hold up to 255 files and 255 folders (including Root Folders).

Depending on the structure of the folders or files, it may take time to read a disc. In this case, it is recommended to decrease the number of folders or files.

Media supported

The media that this device can play back are CD-ROMs, CD-Rs and CD-RWs.

Corresponding File Systems

This device supports discs formatted with ISO9660 Level 1 or Level 2.

Under the ISO9660 standard, there are some restrictions to remember.

The maximum nested folder depth is 8 (including the root directory). File/folder names are limited to 31 characters (including the extension).

Valid characters for folder/file names are letters A-Z (all caps), numbers 0-9, and ‘_’ (underscore).

This device also can play back discs in Joliet, Romeo, etc., and other standards that conform to ISO9660. However, sometimes the file names, folder names, etc., are not displayed correctly.

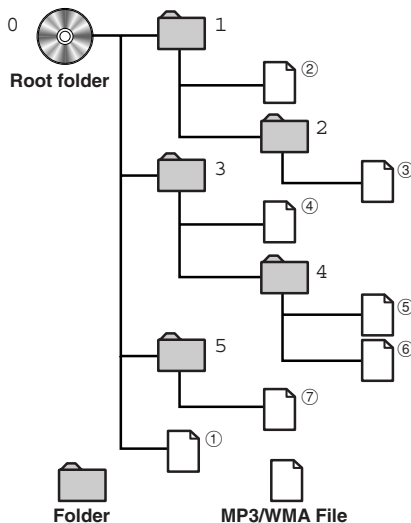
Formats supported

This device supports CD-ROM XA, Mixed Mode CD, Enhanced CD (CD-Extra) and Multi-Session.

This device cannot correctly play back discs recorded with Track At Once or packet writing.

Order of tracks

The unit plays the files in the order that the writing software writes them. Therefore, the playing order may not be the same as the order you input. The playback order of the folders and files is as follows. However, the folder and file playback order differs from the folder no. and file no. indicated on the display.



Terminology

Bit rate

This is the “sound” compression rate specified for encoding. The higher the bit rate, the higher the sound quality, but also the larger the files.

Sampling rate

This value shows how many times per second the data is sampled (recorded). For example, music CDs use a sampling rate of 44.1 kHz, so the sound is sampled (recorded) 44,100 times per second. The higher the sampling rate, the higher the sound quality, but also the larger the volume of data.

Encoding

Converting music CDs, WAVE (AIFF) files, and other sound files into the specified audio compression format.

Tag

Song information such as track titles, artist names, album names, etc., written into MP3/WMA files.

MP3: ID3 tag

WMA: WMA tag

Root folder

The root folder is found at the top of the file system. The root folder contains all folders and files.

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 the 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.

The remote control does not work.

- If the DVI-9990R does not respond when buttons are pressed on the remote control, then check the switch on the rear side of the remote control.
 - Check that it is in the designated position.
 - Insert new batteries.

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/MP3/WMA/DVD/Video CD

Disc playback sound is wavering.

- Moisture condensation in the disc Module.
 - Allow enough time for the condensation to evaporate (about 1 hour).

Disc insertion not possible.

- A disc is already in the DVD player.
 - Eject the disc and remove it.
- The disc is being improperly inserted.
 - Make sure the disc is being inserted following instructions in the CD (MP3/WMA/DVD/Video CD) Player Operation section.

Unable to fast forward or backward the disc.

- The disc has been damaged.
 - Eject the disc and discard it; using a damaged disc in your unit can cause damage to the mechanism.

Disc 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.

Disc playback sound skips without vibration.

- Dirty or scratched disc.
 - Clean the disc; damaged disc should be replaced.

CD-R/CD-RW playback not possible.

- Close session (finalization) has not been performed.
 - Perform finalization and attempt playback again.

Error displays

- Mechanical error
 - Press ▲. After the error indication disappears, insert the disc again. If the above-mentioned solution does not solve the problem, consult your nearest ALPINE dealer.

MP3 or WMA is not played back.

- Writing error occurred. The CD format is not compatible.
 - Make sure the CD has been written in a supported format. Refer to “About MP3/WMA” on pages 122-123, then rewrite in the format supported by this device.

Unit does not operate.

- Monitor's power is not turned on.
 - Turn on the monitor's power.
- Condensation.
 - Wait a while (about 1 hour) for the condensation to dry.

No picture is produced.

- Monitor's mode is not switched to the mode you want to see.
 - Switch to the mode you want to see.
- Monitor's parking brake cord is not connected.
 - Connect the monitor's parking brake cord and set the parking brake. (For details, refer to the monitor's instructions.)
- Monitor's parking brake is not set.
 - Connect the monitor's parking brake cord and set the parking brake. (For details, refer to the monitor's instructions.)

Playback does not start.

- Disc is loaded upside-down.
 - Check the disc and load it with the labeled side facing upward.
- Disc is dirty.
 - Clean the disc.
- A disc not able to playback with this unit is loaded.
 - Check if the disc is able to be played back.
- Parental lock is set.
 - Cancel the parental lock or change the rating level.

Picture is unclear or noisy.

- Disc is being fast-forwarded or fast-reversed.
 - The picture may be slightly disturbed, but this is normal.
- Vehicle's battery power is weak.
 - Check the battery power and wiring. (The unit may malfunction if the battery power is under 11 volts with a load applied.)
- Monitor's fluorescent tube is worn.
 - Replace the monitor's fluorescent tube.

Image stops sometimes.

- Disc is scratched.
 - Replaced with a non-scratched disc.

Indication for CD/MP3/ WMA

HI-TEMP

- Protective circuit is activated due to high temperature.
 - The indicator will disappear when the temperature returns to within operation range.
 - Leave the power OFF until the temperature decreases and then turn the power ON again.
-

NO DISC

- No disc is inserted.
 - Insert a disc.
 - Although a disc is inserted, “NO DISC” is displayed and the unit does not start to play or eject the disc.
 - Remove the disc by the following:
 - 1) Press ▲ for at least 3 seconds.
-

DISC ERROR

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

Indication for DVD Audio/ DVD Video/Video CD

NO DISC

(Front panel display)

- No disc is inserted.
 - Insert a disc.
 - Although a disc is inserted, “NO DISC” is displayed and the unit does not start to play or eject the disc.
 - Remove the disc by the following:
 - 1) Press ▲ for at least 3 seconds.
-



(Monitor display)

- Remote control operation is not possible.
 - For some discs or playing modes, certain operations are not possible. This is not a malfunction.
-

Regional Code Violation

(Monitor display)

- Disc does not match regional code number.
 - Load a disc that matches the regional code number.
-

High-Temp

(Monitor display)

- Protective circuit is activated to high temperature.
 - The indicator will disappear when the temperature returns to within operation range.
 - Leave the power OFF until the temperature decreases and then turn the power ON again.
-

Loading Error

(Monitor display)

Eject Error

(Monitor display)

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

LOADING ERROR

(Front panel display)

EJECT ERROR

(Front panel display)

Disc Error

(Monitor display)

- Scratched disc, contaminated disc/poor recording/disc incompatible with this unit
 - Press ▲.
 - Change the disc.
-

DISC ERROR

(Front panel display)

NO SUPPORT

(Front panel display)

HI-TEMP

(Front panel display)

Alpine F1 Status™

Information

Indication for CD Changer

HIGH-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.

ERROR - 02

- A disc is left inside the CD Changer.
 - Press the Eject button to activate the eject function. When the CD Changer finishes the eject function, insert an empty CD magazine into the CD Changer to receive the disc left inside the CD Changer.

NO MAGAZINE

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

NO DISC

- No indicated disc.
 - Choose another disc.

Indication for Others

Audio Processor Hi-Temp!

(Monitor display)

- Temperature of external audio processor connected is high.
 - Lower the temperature inside the car to normal.
 - Wait until the temperature of the processor is lowered.

AP HI-TEMP

(Front Panel display)

BUS System Error ! Please Check System Connection

(Monitor display)

- Improper connections.
 - Check connections.

SYSTEM ERROR

(Front Panel display)

System Check...

(Monitor display)

- Appears during checking the unit connected, in the ACC ON mode.
 - When the checking is completed, the display disappears.

SYSTEM CHECK

(Front Panel display)

Specifications

FM TUNER SECTION

Tuning Range	87.5 – 108.0 MHz
Mono Usable Sensitivity	9.3 dBf (0.8 μ V/75 ohms)
50 dB Quieting Sensitivity	13.5 dBf (1.3 μ V/75 ohms)
Alternate Channel Selectivity	80 dB
Signal-to-Noise Ratio	80 dB
Stereo Separation	45 dB
Capture Ratio	2.0 dB

MW TUNER SECTION

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

LW TUNER SECTION

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

CD/DVD SECTION

Frequency Response	CD/DVD Video: 5 – 20,000 Hz DVD Audio: 5 – 40,000 Hz
Wow & Flutter (% WRMS)	Below measurable limits
Total Harmonic Distortion	0.008% (at 1 kHz)
Dynamic Range	95 dB (at 1 kHz)
Channel Separation	90 dB (at 1 kHz)
Signal system	NTSC/PAL
Horizontal resolution	500 lines or greater
Video output level	1Vp-p (75 ohms)
Video S/N ratio	DVD: 75 dB
Audio S/N ratio	More than 115 dB

PICKUP

Wave length	DVD: 665 nm CD: 800 nm
Laser power	CLASS II

REMOTE CONTROL

Battery Type	AAA batteries (2 pcs.)
Width	56 mm (2-1/4")
Height	142.5 mm (5-5/8")
Depth	37 mm (1-7/16")
Weight	72 g (2.54 oz)

Continued

Alpine F1 Status™

Information

GENERAL

Power Requirement	14.4 V DC (11–16 V allowable)
Maximum Pre-Output Voltage	5 V/10 k ohms
Bass	±14 dB at 60 Hz
Treble	±14 dB at 10 kHz
Weight	1.6 kg (3lbs. 8 oz)

CHASSIS SIZE

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

NOSEPIECE SIZE

Width	170 mm (6-11/16")
Height	46 mm (1-13/16")
Depth	24 mm (15/16")

POWER UNIT

External dimensions	
Width	160 mm (6-5/16")
Height	40 mm (1-9/16")
Depth	120 mm (4-3/4")
Weight	0.65kg (1 lb 7 oz)

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

CAUTION



(Bottom side of Monitor player)

CAUTION-Laser radiation when open, DO NOT STARE INTO BEAM

(Bottom side of player)



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