MITSUBISHI

Pajero Multi Communication System

INTRODUCTION

Thankyou for the purchase of the Mistubishi Multi Communication System handbook. This handbook will take you through the many aspects of your system to give you peace of mind in all areas of operation. You will find information on how to operate the air conditioner, tape, CD player and much more!

This handbook covers the multi communication system manufactured for Mitsubishi Pajero vehicles from 1999~.

Please refer to this handbook anytime you need information regarding the operation of your Mitsubishi Multi Communication System.

Warnings Before Use

<u>Warning:</u>

When parked in a garage or other enclosed areas with bad fresh air circulation, do not operate with the engine running. The exhaust emissions could cause gas poisoning.

<u>Caution:</u>
- The driver should not operate when driving, and should only view the screen for the minimum amount of time.
- When operating, park in a safe place away from No Parking zones.
- Pay attention to the road rules when driving. The voice guide and map will not pick up roadworks or roads that were recently made into one-way street, which could be dangerous.

<u>Advice:</u>
- Follow the direction of any message displayed onscreen.
- Consult Mitsubishi when changing tyres.
- Do not modify, disassemble or adjust this unit. Damage could occur, causing the unit to become unusable.

MITSUBISHI MULTI COMMUNICATION SYSTEM

MITSUBISHI PAJERO

FM MULTI BROADCAST

FM Multi Broadcast transmits news, weather information, traffic information, entertainment and other such information in text form, using the radio wave space that was until now for FM audio broadcast.

Advice:
- Content and programme names will differ depending on the station. Also, some stations do not perform FM multi broadcasts.
- The FM multi broadcast receivable radius is slightly smaller than that of FM audio broadcasts, so sometimes will not be possible to receive FM multi broadcasts, even when receiving FM audio.

Text Program Content
- Co-operative Information Programs (Program Information)

This is a co-operative data and audio broadcast. The name and the request number of the song being broadcast is matched with the audio broadcast.
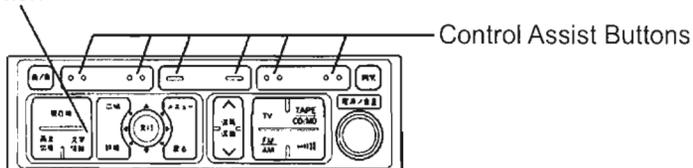
- Independent Information Programs (News, Weather Information, etc.)

This displays news, weather information, traffic information, entertainment, and other such information, as independent content, unrelated to FM audio broadcasts.

Viewing FM Multi Broadcasts
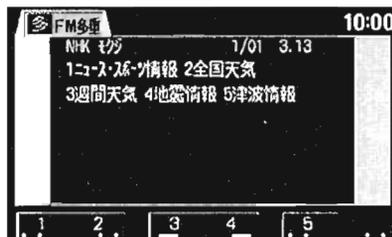
Text Information Button

Control Assist Buttons

<u>Caution:</u>
- For safety reasons, operation and display is not possible will the vehicle is in motion. Stop the vehicle in a safe place before operation.

1. Push the text information button to receive FM multi broadcasts.

<u>Advice:</u>
Viewing FM multi broadcasts is also possible when listening to the radio, a CD, or a tape. In this case it is also possible to switch the audio to the FM multi broadcast.

5

2. Select the desired information using the control assist buttons.

3. If the program sub menu is displayed, push the control assist button of the desired program menu.

Advice:
- If there is no information in the selected program, a message will be displayed, and the screen will return to the menu in step 2.

4. The text information will be displayed in the screen.
   Push the ▲ ▼ control assist buttons to advance the information pages.

5. When returning to the program menu screen, push the 戻る control assist button.
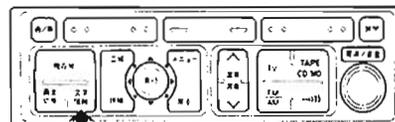
Advice:
- Program menu content will differ depending on the station.
- When the FM multi screen is changed once to the navigation screen, and then changed back to the FM multi screen, the program may take a little time to be displayed.

6
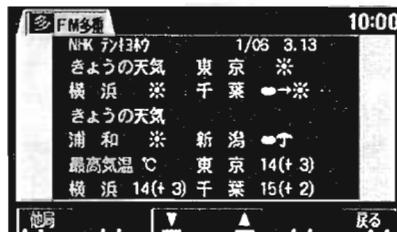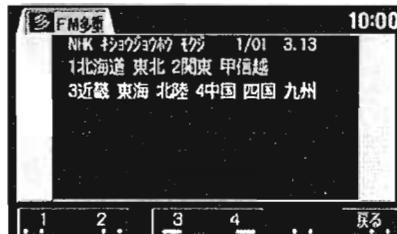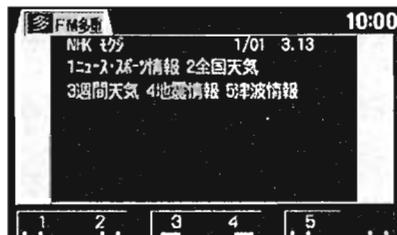
Changing the broadcast station

1. When viewing the FM multi broadcast, the receivable FM multi broadcast stations will be displayed when 文字情報 is pushed.

2. Push the control assist button of the desired FM multi broadcast station to display the program menu of the selected FM multi broadcast station.
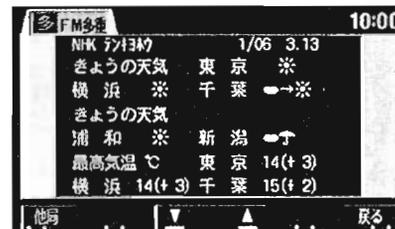

Using the control assist button
When viewing an FM multi broadcast, push the 他局 control assist button to display the receivable stations.

Advice:
• When other FM multi broadcast stations can not be received, the screen will return to its previous state before 他局 was pushed.
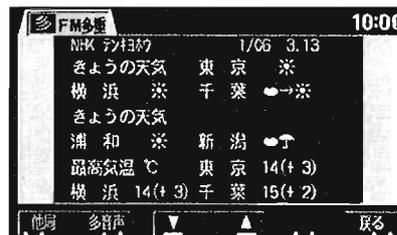

7

To listen to the current FM multi station audio.

Push the 多音声 control assist button.

Advice:

This button can only be pushed when viewing the co-operative information program.

Emergency Information Display Function

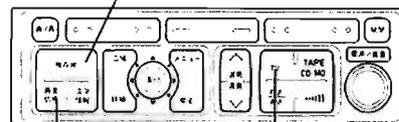Available in Japan only.

Switching from an FM multi broadcast display to another screen

Push the following buttons to match the desired screen.

Audio ┐
Air Conditioner ┤
Driving Information ┤→ 画面切換 (Screen Change Button)
Surroundings Information ┘

Television / Video → T V (TV Button)

Navigation → 現在地 (Current Location Button)
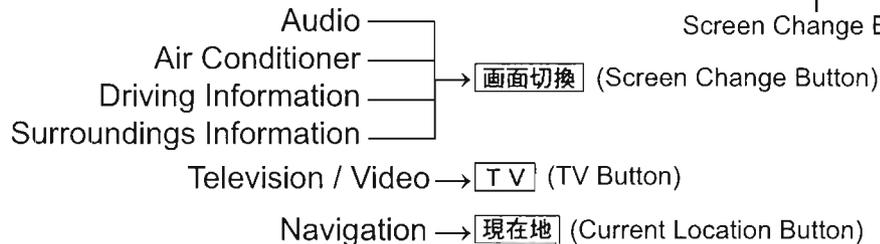
Current Location Button

Screen Change Button   TV Button

8

AUDIO
Radio, CD (Compact Disc), and MD (Mini Disc) operation.

May be used when ignition is in ON or ACC.
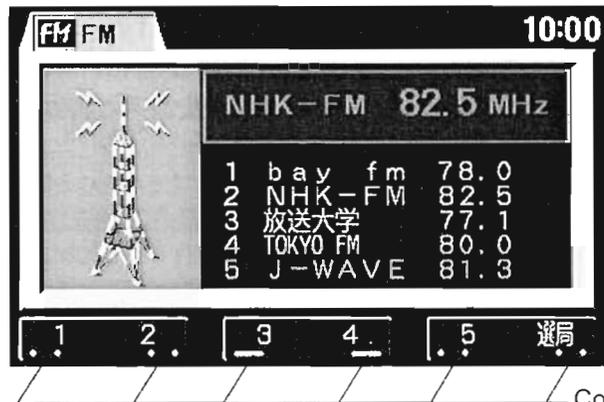To change from another screen (such as navigation, FM Multi, driving information) to
the audio screen, push the 画面切換 button.
Each time this button is pushed, the screen display changes through the following:
Driving information→Audio→Air Conditioner→Surroundings Information

Advice:
* The screen will temporarily change to the audio screen when the AM/FM,
  TAPE/CD/MD, or Tuning/Track Selection buttons are pressed.

FM FM   10:00

NHK-FM 82.5 MHz

1 b a y   f m   78.0
2 NHK-FM   82.5
3 放送大学   77.1
4 TOKYO FM   80.0
5 J-WAVE   81.3

1 . .   2 . .   3 .   4 .   5 . .   選局

Control Assist Button
Display Area

Picture / Sound
Quality

Control Assist Buttons

Screen
Change

Tuning/Track
Selection

AM/FM

TAPE/CD/MD

Power Switch /
Volume Adjustment Knob

11

BASIC OPERATION

Turning the power on.
Push the power switch. Push once more to turn the unit off. The power will also be turned on by pushing the AM/FM button, or by inserting a cassette tape or CD.

Volume and Tone Adjustment

- Volume Adjustment

The volume can be adjusted using the volume adjustment knob.

Power Switch / Volume Adjustment Knob

電源／音量

Decrease
Volume

Increase
Volume

Caution:
To prevent accidents, when driving, keep the volume at a level where outside noises are audible.

- Tone Adjustment
1. Push the picture / sound quality adjustment button.

2. Push the 音質 control assist button.

3. Adjust tone to desired level by pushing the control assist button of the tone type you wish to adjust from bass (低音), mid-tone (中音), and treble (高音).
Each time a button is pushed, the levels display will move up/down, and the tone will change.
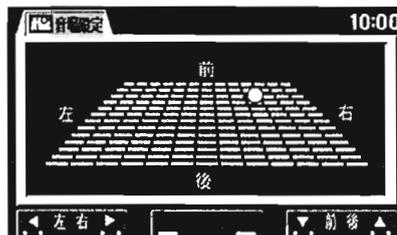

3. Adjust the volume balance left/right (左右), front/rear (前後) by pushing the respective control assist button. Each time the button is pushed, the cursor moves, displaying the volume balance.

- Sound Balance Adjustment
1. Push the screen/sound quality button
2. Push the 音場 control assist button.
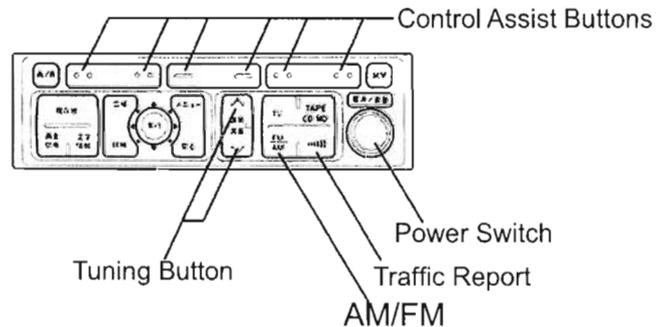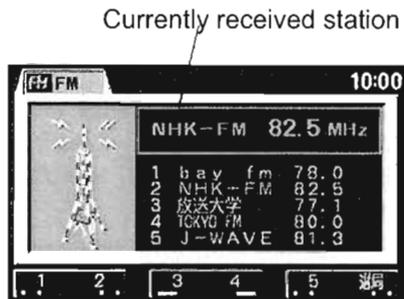

Advice:
Approximately 10 seconds after adjustments are complete, the screen will return to the display from before the picture/sound quality button was pushed.

13

LISTENING TO THE RADIO

To switch the power on, push the power switch or the AM/FM button.
When in a different mode (such as tape, CD, MD), switch the unit to radio mode.
When in radio mode set the broadcast to AM or FM.
The station and frequency currently being received will be displayed on screen.

Advice:
If reception of a station is weak, the station name may not be displayed.

Currently received station

NHK-FM 82.5 MHz

10:00

1 bay fm 78.0
2 NHK-FM 82.5
3 放送大学 77.1
4 TOKYO FM 80.0
5 J-WAVE 81.3

Control Assist Buttons

Tuning Button

Power Switch

Traffic Report

AM/FM

Tuning

- Using the Tuning Button

Higher

選局
選曲

Lower

- Manual Tuning
  Λ tunes to a higher frequency
  V tunes to a lower frequency

- Automatic Tuning
  Push the appropriate button until a beep is heard.
  Λ tunes to a higher frequency
  V tunes to a lower frequency

- Using the Control Assist Buttons

1. Push the 選局 control assist button.

2. Push the V選局Λ control assist button.
   Λ tunes to a higher frequency
   V tunes to a lower frequency

Automatic tuning is possible by pushing and holding the appropriate button until a beep is heard.

15

Storing Stations

• Manual Preset Storage

Up to 5 stations for both AM and FM broadcasts can be stored.

1. Push the tuning button to start receiving the station you wish to store.

2. Select 1 control assist button you wish to store on and push until a beep is heard.
   Audio will be temporarily cut, and once audible again, storage is complete.
   The stored station and frequency will be shown in the display area.

3. From now on, when a control assist button is pushed the station stored on that button will be received.

Advice:

• Each control assist button a can store 2 stations, 1 for AM broadcasts, and 1 for FM broadcasts.

• If battery terminals are removed, memory will be cleared.

• When outside the reception area for the stored station, when the memory button is operated, the station name may be different.

- Automatic Storage

Up to 8 receivable AM and FM stations can be automatically stored in order of the best reception state.

1. Push the 選局 control assist button.

2. Push the オートメモリ control assist button until a beep is heard.

3. Check that the screen is automatically tuning.

4. When automatic tuning is finished, the stored station will be displayed. Each time the オートメモリ control assist button is pushed lightly, the station will be changed in order of the lowest frequency.

5. Push the 戻る control assist button to return to the screen in step 1.

17

Advice:
- If the number of receivable stations is less than 8, only the receivable number will be displayed.
- When there are no receivable stations 受信可能局がありません will be displayed on the screen.
  When tuning automatically one more time, push the オートメモリ control assist button until a beep is heard.
- If battery terminals are removed, memory will be cleared.
- When outside the reception area for the stored station, when the memory button is operated, the station name may be different.
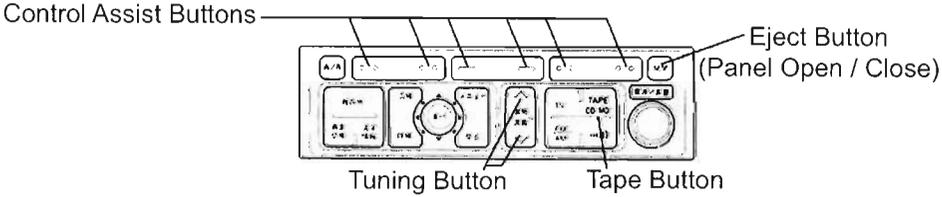

Traffic Report
Function available in Japan only.

18

LISTENING TO A TAPE

Internal tape-player type

Control Assist Buttons

Eject Button
(Panel Open / Close)

Tuning Button   Tape Button

Push the eject button (panel open/close button) to open the panel.
Insert the tape into the tape insertion slot, push lightly. The panel will automatically close and playback will begin.

Tape Insertion Slot
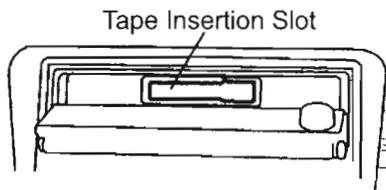
When one side of the tape has finished, playback of the other side will begin automatically.

To change to tape mode when listening to the radio, CD or MD, push the ⸢TAPE⸥ button.

Each time the tape button is pushed the mode will change as follows:
Tape → Navigation Unit CD → CD Player (or In-Dash CD Changer) → CD Changer → MD Player → MD Changer
(The mode of devices not connected will not be displayed.)

Advice:

- Audio operation is not possible when the panel is open. Gently push in a tape to close the panel.
- The panel will automatically close in the following situations:
  · The ignition is turned to LOCK
  · The panel is left open for 30 seconds without a tape in the tape insertion slot.
- This player automatically responds to metal tape, chrome tape, and normal tape types.

Ejecting the Tape
When the eject button (panel open/close button) is pushed, the panel will open, and the tape can be removed.

Fast Forward and Reverse
Push the [早送り] (fast forward) or [巻戻し] (reverse) control assist button.
Push the [PLAY] control assist button to stop this function and resume playback at desired point.

Playing the Reverse Side
Push the [反転] control assist button.


21

Track Cuing

It is possible to advance or reverse up to 7 tracks from the track being played currently, and cue the desired track.

To listen to a track after the current track

1. Push the Λ part of the track selection button or control assist button the appropriate number of times for the number of tracks you wish to skip. The specified number of tracks will be displayed on the screen.

2. The tape will advance to the start of the track and begin playback.

Example:
When desired track is 3 tracks after the current.
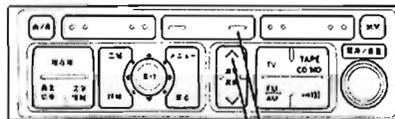
Push one of these buttons 3 times

To listen to a track before the current track

1. Push the V part of the track selection button or control assist button the appropriate number of times for the number of tracks you wish to skip. In this case the current track will be included. The specified number of tracks will be displayed on the screen.

2. The tape will reverse to the start of the track and begin playback.

Advice:

· When the silent gap between tracks is within 4 seconds, or there is loud noise recorded between tracks, the tape may not be stopped at the beginning of the song.
· If there is a long break in the recorded sound, or it is very soft or at a low level for a long time, the tape may be stopped at that point.

Example:
When desired track is 3 tracks before the current.

TAPE 10:00
曲戻し
巻戻し -3曲

巻戻し 早送り ∨ 益曲∧ PLAY 設定
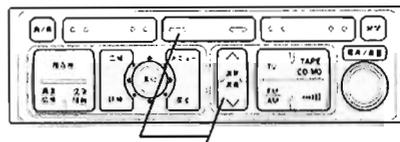
Push one of these buttons 4 times

23

Dolby* NR Button

Use this function when playing a tape recorded in Dolby NR.

1. Push the 設定 control assist button.

2. Push the ⰀⰀ control assist button
   When this button is pushed, the indicator will be displayed onscreen. Push again to cancel.

3. Push the 戻る control assist button to return to step 1.

Repeating Track

1. Push the 設定 control assist button.

2. Push the リピート control assist button. When this button is pushed, the repeat indicator will be displayed onscreen.
Push again to cancel.

3. Push the 戻る control assist button to return to step 1.

Skipping Silent Areas

1. Push the 設定 control assist button.

2. Push the スキップ control assist button. When this button is pushed, the skip indicator will be displayed onscreen. While the tape is playing, if a silent area continues for longer than 15 seconds, 曲送り 1 (Track advance 1) will be displayed, and the next track will be cued automatically.
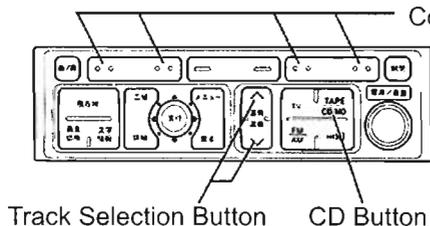Push again to cancel.

3. Push the 戻る control assist button to return to step 1.

LISTENING TO A CD

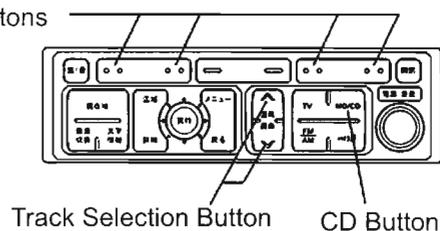Music CDs can be played in the Navigation unit.
Also, a CD player can be connected to this audio system.
Contact Mitsubishi for more details.

Track Number   Playing Time

Internal Tape Player Type   Control Assist Buttons   Internal MD Player Type

Track Selection Button   CD Button   Track Selection Button   CD Button

Playback will begin automatically when the CD is inserted into the CD insertion slot. To change from MD or radio mode to CD mode, push the CD button.

Internal Tape Player Type

Each time the CD button is pushed the mode will change as follows:
Tape → Navigation Unit CD → CD Player or In-Dash CD Changer) → CD Changer → MD Player → MD Changer
The mode of devices not connected will not be displayed.)

Internal MD Player Type

Each time the CD button is pushed the mode will change as follows:
MD Player → Navigation Unit CD → CD Player (or In-Dash CD Changer) → CD Changer → MD Changer
(The mode of devices not connected will not be displayed.)

Caution:
To set a music CD in the navigation unit, stop the vehicle in a safe place before proceeding.

Advice:
- GPS navigation cannot be operated when a CD is being played in the navigation unit. When you wish to listen to a CD while operating the GPS navigation, install a separately sold CD player or CD changer.
- When listening to a CD through the navigation unit, the surroundings information screen altitude meter will not be displayed. Also, because GPS map matching will not operate, when the map CD is replaced, the current location may be incorrect.

Cuing Desired Track

Select the desired track number by pushing the track selection button or the トラック control assist button.

∧ will increase the track number

∨ will decrease the track number

Increase

Decrease
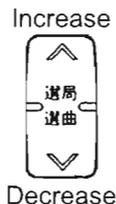
Repeating Track

During playback, push the リピート control assist button. The repeat indicator will be displayed onscreen. Push the button again to cancel.
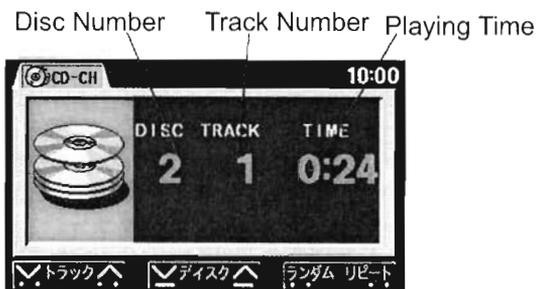

Randomising Track Order

Push the ランダム control assist button. The random indicator will be displayed onscreen and the player will randomly select tracks from the disc being played. Push the button again to cancel.
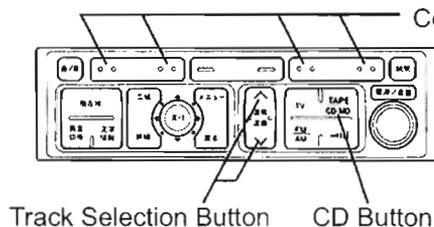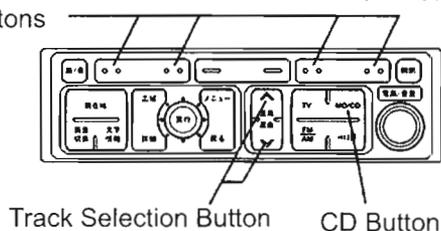

28

USING THE CD CHANGER (Grade Option)

A CD changer can be connected to this audio system.
Contact Mitsubishi for details.

Disc Number   Track Number   Playing Time

Internal Tape Player Type

Control Assist Buttons

Internal MD Player Type

Track Selection Button   CD Button

Track Selection Button   CD Button

When the CD button is pushed, the CD changer will begin playback.

Internal Tape Player Type
Each time the CD button is pushed the mode will change as follows:
Tape → Navigation Unit CD → CD Player (or In-Dash CD Changer) → CD Changer → MD Player → MD Changer
(The mode of devices not connected will not be displayed.)

Internal MD Player Type
Each time the CD button is pushed the mode will change as follows:
MD Player → Navigation Unit CD → CD Player (or In-Dash CD Changer) → CD Changer → MD Changer
(The mode of devices not connected will not be displayed.)

Disc Select
Push the ディスク control assist button to select the desired disc.
∧ will increase the disc number
∨ will decrease the disc number

Cuing Desired Track
Select the desired track number by pushing the track selection button or the トラック control assist button.
∧ will increase the track number
∨ will decrease the track number

Increase

選局
選曲

Decrease

30

Repeating Track

During playback, push the リピート control assist button. The repeat indicator will be displayed onscreen. Push the button again to cancel.

Randomising Track Order

Push the ランダム control assist button. The random indicator will be displayed onscreen and the changer will randomly select tracks from all the set discs. Push the button again to cancel.
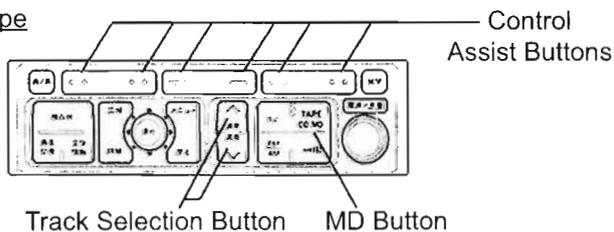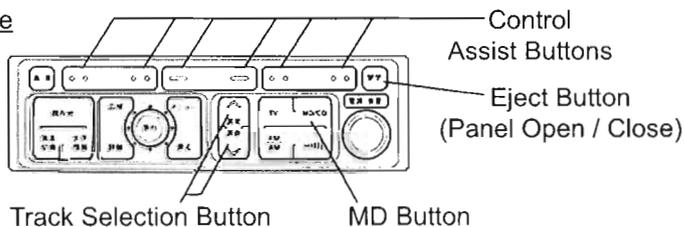
LISTENING TO AN MD (Grade Option)

An MD player can be connected to an internal tape player type audio system also. Contact Mitsubishi for details.

Track Number Playing Time

Internal Tape Player Type

Control Assist Buttons

Track Selection Button   MD Button

Internal MD Player Type

Control Assist Buttons

Eject Button (Panel Open / Close)

Track Selection Button   MD Button

Internal MD Player Type

Push the eject button (panel open/close button) to open the panel.

Insert the MD into the MD insertion slot, push lightly, and playback will begin.

MD Insertion Slot
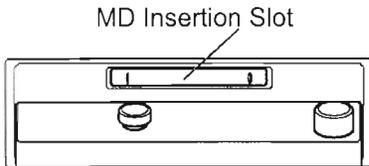
To change to MD mode when listening to the radio or a CD, push the MD button.

Each time the MD button is pushed the mode will change as follows:
MD → Navigation Unit CD → CD Player (or In-Dash CD Changer) → CD Changer → MD Changer
(The mode of devices not connected will not be displayed.)

Advice:

• Audio operation is not possible when the panel is open. Gently push in an MD to close the panel.
• The panel will automatically close in the following situations:
  • The ignition is turned to LOCK
  • The panel is left open for 30 seconds without an MD in the MD insertion slot.

Internal Tape Player Type

Set the MD player to MD and playback will begin automatically.

To change to MD mode when listening to the radio or a CD, push the MD button.
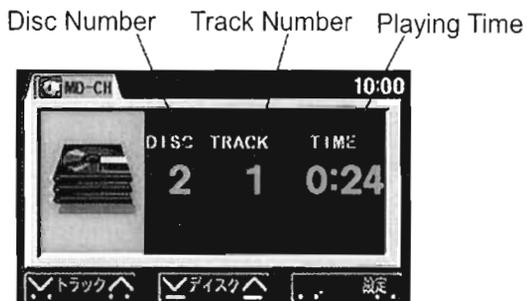
Each time the tape button is pushed the mode will change as follows:
Tape → Navigation Unit CD → CD Player (or In-Dash CD Changer) → CD Changer → MD Player → MD Changer
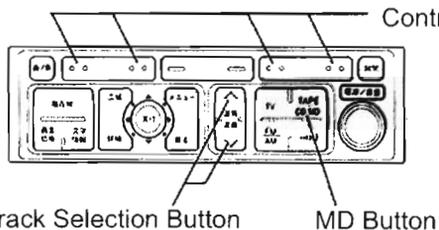(The mode of devices not connected will not be displayed.)
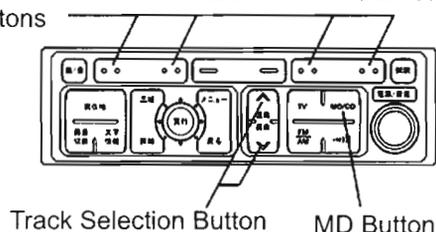
USING THE MD CHANGER (Grade Option)

An MD changer can be connected to this audio system.
Contact Mitsubishi for details.

Disc Number   Track Number   Playing Time

Internal Tape Player Type

Control Assist Buttons

Internal MD Player Type

Track Selection Button   MD Button

Track Selection Button   MD Button

When the MD button is pushed, the MD changer will begin playback.

Internal Tape Player Type
Each time the MD button is pushed the mode will change as follows:
Tape → Navigation Unit CD → CD Player (or In-Dash CD Changer) → CD Changer — MD Player → MD Changer
The mode of devices not connected will not be displayed.)

Internal MD Player Type
Each time the MD button is pushed the mode will change as follows:
MD Player → Navigation Unit CD → CD Player (or In-Dash CD Changer) → CD Changer → MD Changer
The mode of devices not connected will not be displayed.)

Disc Select
Push the ディスク control assist button to select the desired disc.
∧ will increase the disc number
∨ will decrease the disc number
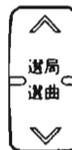
Cuing Desired Track
Select the desired track number by pushing the track selection button or the トラック control assist button.
∧ will increase the track number
∨ will decrease the track number

Increase

選局
選曲

Decrease

Repeating Track

1. Push the 設定 control assist button.

2. Push the リピート control assist button. When this button is pushed, the repeat indicator will be displayed onscreen.
   Push again to cancel.

3. Push the 戻る control assist button to return to step 1.

Randomising Track Order

1. Push the 設定 control assist button.

2. Push the ランダム control assist button. The random indicator will be displayed onscreen and the changer will randomly select tracks from all the set discs.
   Push the button again to cancel.

3. Push the 戻る control assist button to return to step 1.

36

Setting MDs in the MD Changer

Follow the instructions in the MD Changer Instruction Booklet that comes with the unit.

Displaying MD Disc Title

1. Push the 設定 control assist button. (Only if equipped with MD changer)

2. Push the 表示切換 control assist button.

3. The disc title will be displayed.

37

Displaying MD Track Title

1. Push the 設定 control assist button.
   (Only if MD changer is installed)

2. Push the 表示切換 control assist button twice.

3. The track title will be displayed.

Advice:

• Each time the 表示切換 (change display) control assist button is pushed, the display will change through the following modes:

Disc Title → Track Title → Playing Time Display

• When an MD with no title data is inserted, NO TITLE will be displayed in the graphic display area.

• When the title is more than 24 characters (12 for full width characters), by using the 送り control assist button, the title can be advanced to display the rest of the characters.
   If within this number, the 送り button will not be displayed.

• Some title characters can not be displayed by this system.

38

USING THE AUDIO SYSTEM EFFECTIVELY

Advice:

- When listening with the engine turned off, ensure the ignition is turned to ACC.
- While driving, the condition of radio waves may change, resulting in reception instability.
- When listening to audio, if a digital cellphone is in use inside or nearby the car, static noise may be heard from the speakers, but this is not a malfunction. In this case move the cellphone as far away as possible from the audio system.
- If there is a problem with the system (such as if a foreign object falls inside, water is spilt, or smoke appears), discontinue use immediately, have Mitsubishi inspect the vehicle. Do not try and fix the problem yourself, or continue use in this state.

Caution:
Ensure the volume is kept at a level where outside noise is audible. Accidents could occur if outside noise is inaudible.

39

Tape Handling

- Do not use 120 minute tapes. Long-playing tapes over 90 minutes in length use very thin tape which can jam in the deck.
- Store tapes in their cases, away from direct sunlight which can cause damage.
- Remove looseness in the tape before use.
- Please do not use tapes with peeling labels or on which stickers have been applied as this can cause poor tape rotation and jamming.
- The tape-head area inside the deck that plays tapes gets dirty easily so please clean using a cleaning tape about once every month.
- Please do not apply oil to tape deck or insert anything except a cassette tape in the tape insertion slot as this can damage the deck.
 Do not insert fingers as the inside may be very hot.

Compact Disc Handling

- Only CDs with the following mark can be used in the CD player and CD changer.
  Heart-shaped, hexagonal, and other novelty shaped CDs that do not conform to JIS standards could damage the player if used.

- Condensation may form on the audio system internal parts or the disc directly after using the heater, or when the temperature increases suddenly, and this could prevent correct operation. Wait a while before using.
- CDs may skip in rough driving conditions such as when driving on rough roads.
- Always store CDs in their cases, away from direct sunlight and areas of high temperatures.

40

- When handling CDs, hold the centre hole and outside edge, with the label facing up. If the reflective surface is touched directly, the disc will become dirty and the sound may be affected.
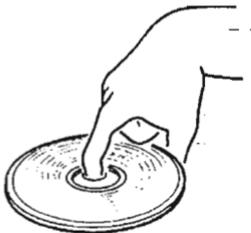
- Do not write on with ball point pen, or apply cellophane tape, stickers, or paper, to the label or reflective surface of the CD.
- If CD singles (8cm discs) are set in the magazine, they may become irremovable. When using a CD single in a CD changer, use an 8cm compatible magazine.

- To clean a dirty CD, use a soft and dry cloth, and wipe lightly from the centre of the CD in a straight line to the outside edge.
Also, using record spray, anti-static agent, alcohol, benzine, thinner, and other solvents and chemically enhanced cloths, may damage the CD, rendering it unusable.
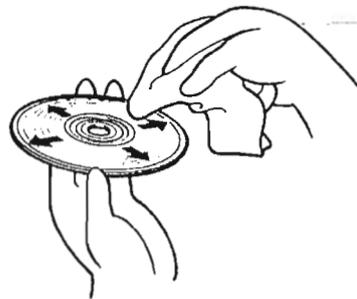
- Do not use cracked or warped discs, as they may cause damage to the player.

TELEVISION AND VIDEO (Grade Option)

Television may be viewed.

Also, by installing a video device, videos can also be enjoyed.

To display the TV screen, a separately sold TV tuner is necessary, Also, to display the video screen a connector cable is needed. Contact Mitsubishi for details.

BEFORE VIEWING TV AND VIDEO

Advice:

· The TV and video can be viewed when the ignition is in ACC or ON, but to conserve the battery, watch while then engine is running when possible.

· When watching with the engine off, if the battery voltage weakens, the voltage warning screen, will be displayed. In this case, follow the instructions onscreen.

As a safety precaution, the TV and video may only be watched when stopped. While driving the screen will display the control screen, and only audio operation will be possible.

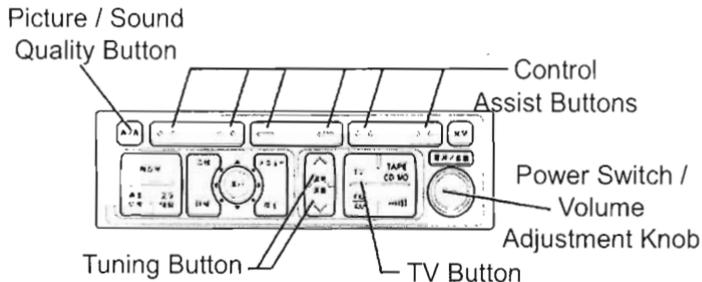While parked

While driving

43

Warning:

When watching the TV or video, do not watch in an enclosed space such as a garage with the engine running, as this could cause gas poisoning.

Caution:

When watching the TV or video, park in a safe place away from no parking zones.

WATCHING TELEVISION

Picture / Sound Quality Button

Control Assist Buttons

Power Switch / Volume Adjustment Knob

Tuning Button

TV Button

Switching **Power On/Off**

Push the TV button, to display the TV reception screen.

The station name and channel number of the channel being received, or the receivable stations will be displayed at the top of the screen.

To turn the power off, push the power switch.

Volume adjustment

Adjust by turning the volume adjustment knob.

Advice:

- The channel display will turn off after about 10 seconds.
- Depending on the reception, and reception area, only the channel number, and not the station name, may be displayed.
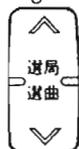
Power Switch / Volume Adjustment Knob

電源/音量

Decrease Volume

Increase Volume

Changing the Channel

•   Using the tuning button

If given a short push, the channels will change one by one.

If pushed continuously until a beep is heard, the channel will automatically change to a receivable channel.

Higher

Lower

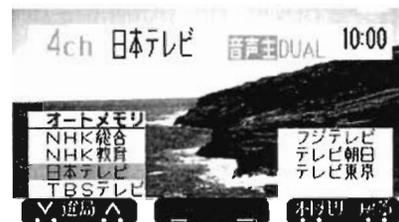•   Using the control assist buttons

1. Push the 選局 control assist button.

2. Push the ∨選局∧ control assist button.

∧   increases the channel

∨   decreases the channel

If pushed continuously until a beep is heard, the channel will automatically change to a receivable channel.

46

Storing Channels
- **Manual Preset**

Up to 8 stations can be stored.
- Push the tuning button to start receiving the station you wish to store.

2. Select 1 control assist button you wish to store on and push until a beep is heard.

The stored station and frequency will be shown onscreen.

3. From now on, when a control assist button is pushed the station stored on that button will be received.

- If battery terminals are removed, memory will be cleared.

- **Automatic**

Out of the receivable stations, the 8 stations with the best reception can be stored automatically.

1. Push the 選局 control assist button.

2. Push the オートメモリ control assist button until a beep is heard.

The screen will indicate that channels are currently being tuned.

47

3. On completion of automatic tuning, the stored channel will be displayed.

4. From now, each time the オートメモリ control assist button is pushed lightly, the channel will change.

5. Push the 戻る control assist button to return to the screen from step 1.

Advice:
- If the number of receivable stations is less than 8, only the receivable number of stations will be displayed.
- When there are no receivable stations 受信可能局がありません will be displayed on the screen.
  When tuning automatically one more time, push the オートメモリ control assist button until a beep is heard.
- If battery terminals are removed, memory will be cleared.

Current Channel Information

Push the TV button, and the current channel number and station name will be displayed for approximately 10 seconds.

Picture Quality Adjustment

The screen colour hue, colour density, and brightness can be adjusted.

· Push the picture/sound quality button, and then push the 画質 control assist button.

2. Push the appropriate control assist button to adjust.

色合い　　Hue
◀ Increase reds
▶ Increase greens

色濃さ　　Density
◀ Lighten colour
▶ Deepen colour

明るさ　　Brightness
◀ Brighten
▶ Darken

Advice:
The screen will return to the previous display after about 10 seconds after finishing operation.

49

Changing Screen Mode

The screen mode can be changed.

1. Push the picture/sound quality button, and then push the 「ＴＶ設定」 (TV Settings) control assist button.

2. Select desired screen mode using the following control assist buttons:

「ワイド1」	Wide screen 1
「ワイド2」	Wide screen 2
「ノーマル」	Normal
「シネマ」	Cinema

- The TV settings button operation, and changing of the screen mode can only be performed when audio is in TV/video.

Changing the Audio Multi-Broadcast

1. Push the picture/sound quality button, and then the T V設定 (TV Settings) control assist button.

2. Push the 次ページ control assist button.
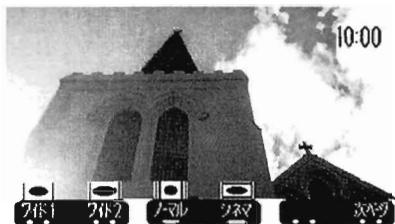
3. Push the 音声主 (Main), 音声副 (Sub), or 主＋副 (Main + Sub) control assist button to select the desired audio type.

Advice:
Audio selection is only possible when receiving TV audio multi-broadcasts. The button will not be displayed on the video screen.

Relay Reception

When you wish to continue listening to the same broadcast on a long-distance drive, if relay reception is turned ON, then if when separated from the broadcast station service area, the unit will continue receiving the same broadcast from an affiliated station.

1. Push the picture/sound quality button, and then the ⌈TＶ設定⌋ (TV Settings) control assist button.

2. Push the ⌈次ページ⌋ control assist button.

3. Push the ⌈リレー⌋ control assist button. Each time this is pushed, relay reception will switch on/off.
   When receiving a relay broadcast, the control assist button display colour will change.

Advice:
Relay reception is only possible when in TV mode. The button will not be displayed in video mode.

52

Turning Clock Display Off

1. Push the picture/sound quality button, and then push the 「ＴＶ設定」 (TV Settings) control assist button.

2. Push the 「次ページ」 control assist button.
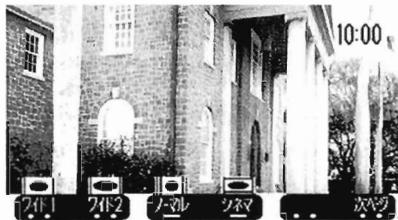
3. Push the 「時計」 (Clock) control assist button.
   Each time this is pushed, the clock display will switch on/off.

Clock Display

Advice:
- The clock display can only be turned off when in TV or video image mode.
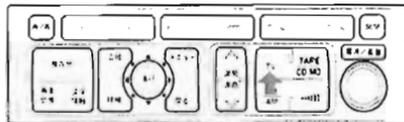- The clock time is set by GPS satellite signals automatically, so modification is unnecessary.

A portable video device can be connected to the separately sold TV tuner using a connector cable.

Contact Mitsubishi for details.

Turning the Power On

1. Push the TV button to display the TV reception screen.

2. Push the 次ページ control assist button, and then push VTR.

Advice:

Push the TV control assist button to switch to the TV screen from the video screen.

Advice:

If a video is not connected, the VTR control assist button will not be displayed.
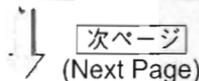
TV BROADCAST RADIOWAVES

Advice:

- When receiving a television broadcast, the radio wave strength may change depending on the reception area, and obstructions could prevent optimum reception of radio signals.
- Buildings and mountains may be obstructive to radio waves, resulting in a poor reception state.

- Overhead train lines, high voltage power lines, traffic signals and neon signs may cause static onscreen and to the audio system.

- Radio broadcasts and wireless transmission antennas and pylons may also cause static.
- When moving away from a broadcasting station, if the radio signals weaken, the reception condition will be degraded.
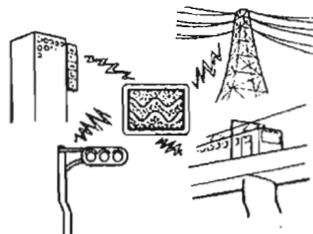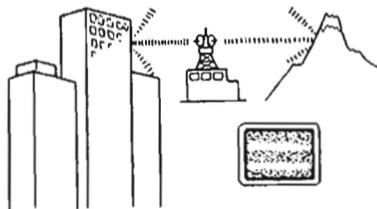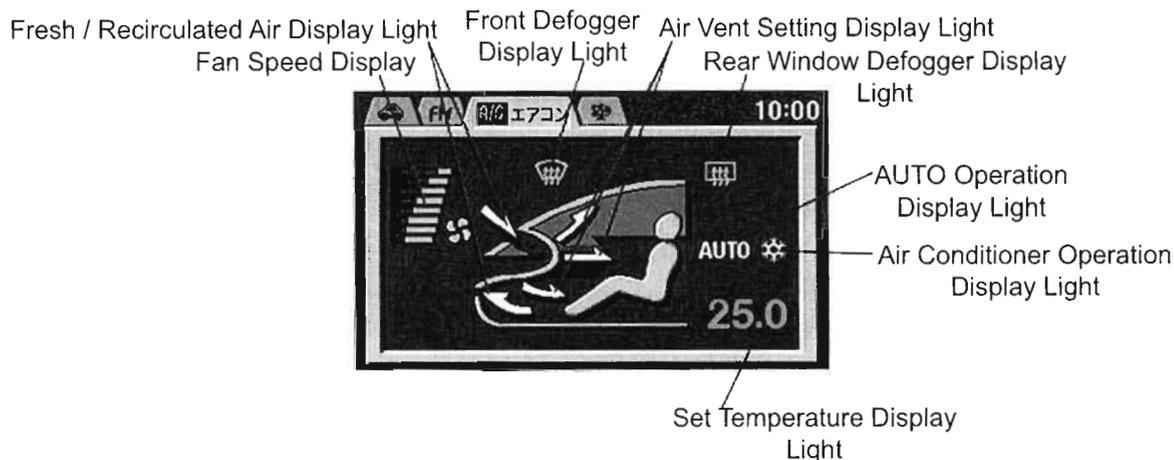
AIR CONDITIONER

Push the 画面切換 button to change to the air conditioner screen from another screen.
Each time the 画面切換 button is pushed the display will change as follows:
Driving Information→Audio System→Air Conditioner→Surroundings Information

Advice:
When operating the air conditioner, the screen will temporarily show the air conditioner display. In this case, once operation is finished, the screen will return to the previous display after approximately 10 seconds

Fresh / Recirculated Air Display Light
Fan Speed Display
Front Defogger Display Light
Air Vent Setting Display Light
Rear Window Defogger Display Light

AUTO Operation Display Light
Air Conditioner Operation Display Light

Set Temperature Display Light

Put the speed adjustment dial and the air vent selection dial in the AUTO position and select the desired temperature with the temperature adjustment dial. Air vents (excluding 🌬 and ❄), fan speed, air conditioner ON/OFF and fresh/recirculated air settings will be adjusted automatically.

The vehicle owner's manual explains more on using the air conditioner effectively.
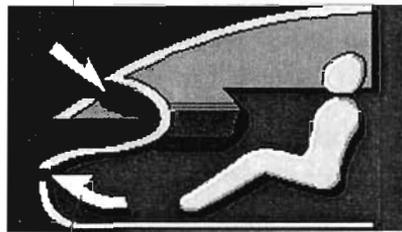
Display Lights

Fan speed

Fan speed is indicated with green bars. The greater the number of bars, the faster the fan speed.
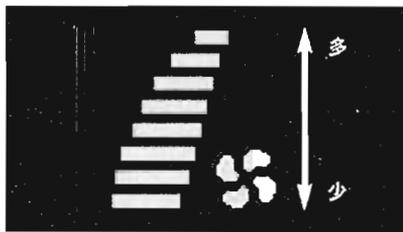
Fresh / recirculated air

Indicates whether the selected air type is fresh or recirculated.

Fresh Air Display Light
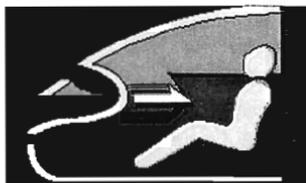

Recirculated Air Display Light

Front defogger

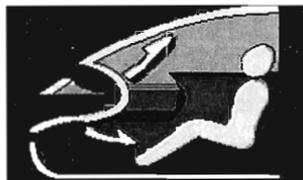This light will turn on when the front defogger vent is selected.

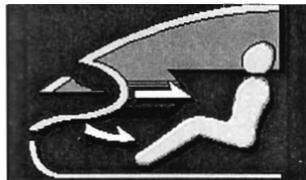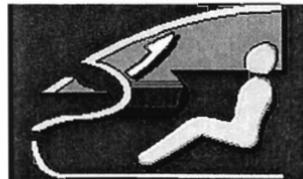**Vent setting dial**
Displays the selected air vent
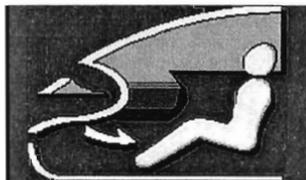
Upper body

Upper body / leg area

Leg area

Leg area / windscreen (defogger)

Windscreen (defogger)

59

Rear window defogger
Lights up when the rear window defogger switch is ON.
Read the vehicle owner's manual for more information.

AUTO operation
Illuminates when the air conditioner is in AUTO operation (Fan speed adjustment dial and vent setting dial on AUTO).

Air conditioner operation
Illuminates when the air conditioner is in operation.

Set temperature
Displays the selected temperature.

DRIVING INFORMATION

The average vehicle speed, average fuel consumption, remaining drivable distance, and driving time can be viewed.

Push the 画面切換 screen change button to change from another screen to the driving information screen.
Each time the screen change button is pushed, the screen display will change as follows:
Driving Information → Audio → Air Conditioner → Surroundings Information

Screen
Change Button
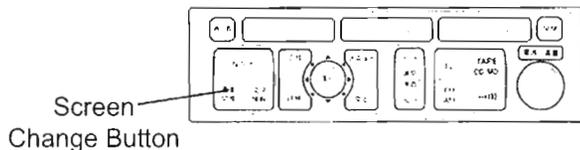
Gasoline Vehicles

Average Fuel Consumption

Remaining Drivable Distance

Average Speed

70 km/h | 12.2 km/l | 230 km

平均車速　平均燃費　給油まで

リセット

Diesel Vehicles

Average Speed　Driving Time

70 km/h | 32分

平均車速　スタートから

リセット

Average Vehicle Speed

Displays the average vehicle speed since the リセット control assist button was pushed until now.

Average Fuel Consumption <u>Gasoline Only</u>

Displays the average fuel consumption since the リセット button was pushed

Advice:
- When the average fuel consumption cannot be measured, '--. -km/l' will be displayed.
  Average fuel consumption changes depending on driving conditions (road condition, driving style).
  Actual fuel consumption may differ to that displayed, so use as a reference.

Remaining Drivable Distance <u>Gasoline Only</u>

Using the remaining fuel, this displays the remaining distance that the vehicle can be driven.
If this distance reaches below 50km, the display will flicker.
Refuel as soon as possible.

Advice:
- The remaining drivable distance will be reset when refueling. Also, when the fuel level is low, the correct measurement will not be displayed, so when refuelling, fill the fuel tank up as much as possible.
- The remaining drivable distance will display the previous fuel consumption data up until now, but this will change depending on the driving conditions. Also, if the battery terminal is removed, all fuel consumption data will be cleared, so the displayed value may differ.
  Use the display as a reference.

Driving Time <u>Diesel Only</u>

Displays the driving time since the ignition was put in ON.

Reset the current driving time by turning the ignition to LOCK.

Battery Terminal Removal

When removing the battery terminal, the vehicle settings will be cleared.

Perform the following procedure.

1. Select the driving information screen using the screen change button.
2. Push the ▼ ▲ control assist button to select the vehicle model.
3. Once selected, push the 決定 control assist button

<u>Advice:</u>

If a mistake is made with the vehicle settings, give the リセット control assist button a long push (more than 5 seconds) to reset.

SURROUNDINGS INFORMATION

The outside temperature, compass, altitude and GPS information can be viewed.

Push the 画面切換 screen change button to change from another screen to the surroundings information screen.
Each time the screen change button is pushed, the screen display will change as follows:
Driving Information → Audio → Air Conditioner → Surroundings Information

Screen Change Button

Outside Thermometer

GPS Information

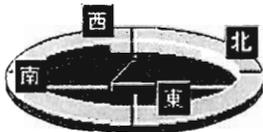Altitude Meter

Compass

66
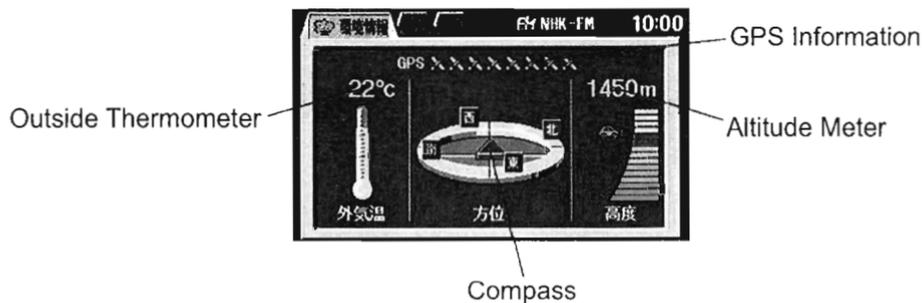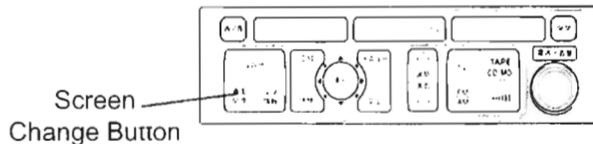
Outside Thermometer

Displays the temperature outside when moving.

Advice:
* The outside temperature can be displayed from -30°C up to 50°C.
* Depending on the driving conditions, the actual outside temperature may differ to the display.
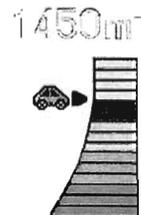
Compass

When the ignition is ON, the compass will display the current direction using 16 compass points.

Altitude Meter

Displays the current altitude of the vehicle.
Displays altitude from 0~3000m.

Advice:
* When the altitude is less than 50m, "50m以下" will be displayed.
* The altitude meter will not be displayed if the map CD is not inserted.

GPS Information

Displays the number of receiving satellites.

8 Satellites

REAR VIEW CAMERA (Grade Option)

Displays the rear view when reversing.

This system displays the rear view using
the rear view camera, clearing the blind
spot.
The camera is embedded underneath the
number plate.
The rear view of the vehicle will
automatically be displayed when the
ignition is turned ON, and the select lever
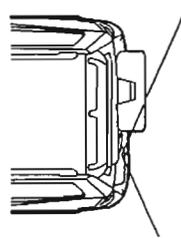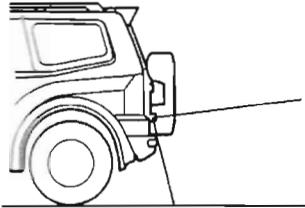moved to R.
When the select lever is placed into any
other position, the screen will return to
the previous display.
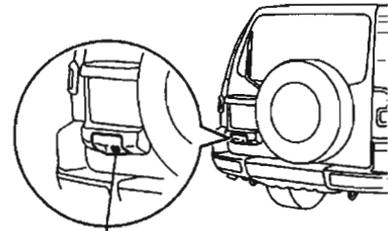
Rear View Camera

- The area the rear view camera will display onscreen is limited, and the rear bumper right-hand side, and lower area will not be displayed.
  Check visually when reversing, and use the rear view screen as an extra guide only.

- The rear view camera uses a special-purpose lens, so the displayed distance will differ to the actual distance.

Spare Tyre

1 m   1 m   1 m

Rear Bumper Upper Surface
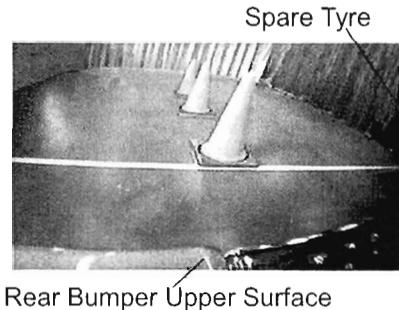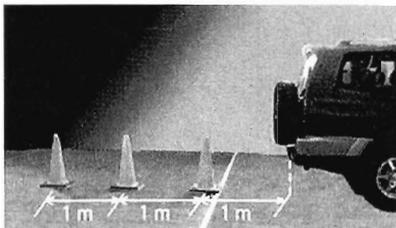
Advice:
- The buzzer that sounds when reversing, indicates that the selector lever is in the R position, and is not a warning buzzer to indicate a hazard.
- When the rear view screen is displayed, if an MMCS control panel button is pushed, such as the current location button, the screen will change from the rear view screen to the screen of the selected button.
- In the following situations, the screen may be difficult to see, but this is not a fault.
  - In a dark place (at night)
  - When sunlight or the light from headlights is focused directly on the camera lens.
- If the camera lens is dirty, hazards will not be sufficiently visible. If there is water droplets, snow, mud etc., on the lens, wipe off carefully.

TROUBLESHOOTING

When a message is displayed onscreen.

Message	When message is displayed	How to fix
バッテリがあがりますので１０秒以内に自動的に画面をＯＦＦします。	The battery voltage is low and the screen will shut off in 10 seconds.	If the engine is not running, turn the engine on.
ルートが長すぎるため探索できません。	The route is too long and cannot be found.	Set the destination closer to the current location.
ルートが探索できませんでした。	The route cannot be found.	Perform another search after driving for a while.
走行中は表示できません。	Occurs when viewing of the FM multi broadcast and information has been attempted while driving.	Enjoy use of the FM multi broadcast after parking the vehicle in a safe place.
走行中は操作できません。	Settings, search or other menu operations have been attempted while driving.	Some operations cannot be performed while driving. Stop the vehicle in a safe place before proceeding.
VICS 情報がありません。	There is no VICS information.	Depending on the reception area and contents to be displayed, there may be no VICS information.

Before considering possible damage.

Problem	Possible cause	Treatment
The current location is wrong	There may be an error due to the driving conditions.	After driving for a while, this will be adjusted automatically when GPS satellite reception is possible.
	The tyre size and air pressure may be incorrect. Change the tyres.	Use the specified tyre size and air pressure. Tyre radius may differ depending on the tyre type. Different tyres may cause errors, but should adjust after driving for a while.
The route guide is a detour	For safety reasons, main roads may be given priority to narrow roads, when searching for a route. Also, all roads may not be covered in the search for a route guide.	When the selected route is undesirable, use the 実行 button to set the point you wish to pass, setting the route and search again.
	The route search provisions may be set to 'Time Priority', or 'Road Priority'	Set the route provisions to distance.

The voice guide does not work	Ensure the volume is not set to 消.	Adjust the volume.
	You may have come off the selected route.	The voice guide will only work when on the correct route
The current location is not displayed	Current location memory will be cleared when battery terminal is removed.	After driving for a while, this will be adjusted automatically when GPS satellite reception is possible
The screen is slow or dark	The inside vehicle temperature is low.	This is a characteristic of LCD screens and does not indicate a fault. The screen will automatically change when the temperature rises
The screen looks black or white from an angle. There are small black or coloured (red, blue, green) spots in the screen.		This is a characteristic of LCD screens and does not indicate a fault.

To check the connection status of optional devices

This Mitsubishi Multi-Communication System (MMCS) can display the connection status of compatible optional devices.
Depending on the vehicle type, the displayed devices may not be set as options.
Consult your Mitsubishi dealer for details.

1. Push the メニュー button.

2. Select システム設定 , and push the 実行 button.

3. Push the 接続確認 control assist button.

4. The connection status of the optional devices will be displayed.

75