

**Operation Manual**

CD RECEIVER

# FH-P800BT

**SUPER TUNER III** 

 **Bluetooth**<sup>®</sup>

**HD** Radio<sup>®</sup>  
R E A D Y

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**PREMIER**

*English*

## Thank you for buying this Pioneer product.

Please read through these operating instructions so you will know how to operate your model properly. *After you have finished reading the instructions, keep this manual in a safe place for future reference.*

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## Before You Start

### Information to User

FCC ID: AJDK017  
 MODEL NO.: FH-P800BT  
 IC: 775E-K017

This device complies with Part 15 of FCC Rules and RSS-Gen of IC Rules. Operation is subject to the following two conditions: (1) this device may not cause interference, and (2) this device must accept any interference, including interference that may cause undesired operation of this device.

MADE IN MALAYSIA

This equipment has been tested and found to comply with the limits for a class B digital device, pursuant to Part 15 of the FCC Rules.


These limits are designed to provide reasonable protection against harmful interference in a residential installation.

This equipment generates, uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation.

If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

- Reorient or relocate the receiving antenna.
- Increase the separation between the equipment and receiver.
- Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
- Consult the dealer or an experienced radio/TV technician for help.

Alteration or modifications carried out without appropriate authorization may invalidate the user's right to operate the equipment.

- This transmitter must not be co-located or operated in conjunction with any other antenna or transmitter.
- This equipment complies with FCC/IC radiation exposure limits set forth for uncontrolled equipment and meets the FCC/IC radio frequency (RF) Exposure Guidelines in Supplement C to OET65 and RSS-102 of the IC radio frequency (RF) exposure rules. This equipment has very low levels of RF energy that it is deemed to comply without testing of specific absorption ratio (SAR). 

### For Canadian model

Operation is subject to the following two conditions:

(1) This device may not cause harmful interference, and (2) this device must accept any interference received, including interference that may cause undesired operation.

This Class B digital apparatus complies with Canadian ICES-003.



### About this unit

The tuner frequencies on this unit are allocated for use in North America. Use in other areas may result in poor reception.



#### WARNING

Handling the cord on this product or cords associated with accessories sold with the product may expose you to chemicals listed on proposition 65 known to the State of California and other governmental entities to cause cancer and birth defects or other reproductive harm. **Wash hands after handling.**

**CAUTION:**  
**USE OF CONTROL OR ADJUSTMENT OR PERFORMANCE OF PROCEDURES OTHER THAN THOSE SPECIFIED HEREIN MAY RESULT IN HAZARDOUS RADIATION EXPOSURE.**

**CAUTION:**  
**THE USE OF OPTICAL INSTRUMENTS WITH THIS PRODUCT WILL INCREASE EYE HAZARD.**



### CAUTION

- Do not allow this unit to come into contact with liquids. Electrical shock could result. Also, damage to this unit, smoke, and overheating could result from contact with liquids.
- Keep this manual handy as a reference for operating procedures and precautions.
- Always keep the volume low enough so that you can hear sounds from outside the vehicle.
- Protect this unit from moisture.
- If the battery is disconnected or discharged, the preset memory will be erased and must be reprogrammed.



### Important (Serial number)

The serial number is located on the bottom of this unit. For your own security and convenience, be sure to record this number on the enclosed warranty card.

### About WMA



The Windows Media™ logo printed on the box indicates that this unit can play back WMA data.

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

- This unit may not operate correctly depending on the application used to encode WMA files.

### About MP3

Supply of this product only conveys a license for private, non-commercial use and does not convey a license nor imply any right to use this product in any commercial (i.e. revenue-generating) real time broadcasting (terrestrial, satellite, cable and/or any other media), broadcasting/streaming via internet, intranets and/or other networks or in other electronic content distribution systems, such as pay-audio or audio-on-demand applications. An independent license for such use is required. For details, please visit <http://www.mp3licensing.com>.

### About AAC

This unit plays back AAC files encoded by iTunes®. iTunes is a trademark of Apple Inc., registered in the U.S. and other countries.

### Portable audio player compatibility

- Inquire at the manufacturer about your USB portable audio player/USB memory. This unit corresponds to the following.
  - USB MSC (Mass Storage Class) compliant portable audio player and memory
  - WMA, MP3, AAC and WAV file playback
 For details about the compatibility, refer to *USB audio player/USB memory compatibility* on page 76.

### iPod® compatibility

This unit can control and listen to songs on an iPod.

- This unit supports only the following iPods. Supported iPod software versions are shown below. Older versions of iPod software may not be supported.
  - iPod fifth generation (software version 1.2.1)
  - iPod nano first generation (software version 1.3.1)
  - iPod nano second generation (software version 1.1.3)

## Before You Start

- iPod nano third generation (software version 1.0.2)
- iPod classic (software version 1.0.2)
- iPod touch (software version 1.1.1)
- Operations may vary depending on the software version of iPod.
- When using an iPod, iPod Dock Connector to USB Cable is required.
- This unit can control previous generations iPod models with a Pioneer iPod adapter (e.g. CD-IB100II).  
For details concerning operation with the iPod adapter, refer to *Playing songs on iPod* on page 56.
- iPod is a trademark of Apple Inc., registered in the U.S. and other countries.

### About Bluetooth



Bluetooth is a short-range wireless radio connectivity technology that is developed as a cable replacement for mobile phones, hand-held PCs and other devices. Bluetooth operates in 2.4 GHz frequency range and transmits voice and data at speeds up to 1 megabit per second. Bluetooth was launched by a special interest group (SIG) that comprises of Ericsson Inc., Intel Corp., Nokia Corp., Toshiba and IBM in 1998, and it is currently developed by nearly 2 000 companies worldwide.

- The Bluetooth word mark and logos are owned by the Bluetooth SIG, Inc. and any use of such marks by Pioneer Corporation is under license. Other trademarks and trade names are those of their respective owners.

### About the SAT RADIO READY mark



The SAT RADIO READY mark indicates that the Satellite Radio Tuner for Pioneer (i.e., XM tuner and Sirius satellite tuner which are sold separately) can be controlled by this unit. Please inquire to your dealer or nearest authorized Pioneer service station regarding the satellite radio tuner that can be connected to this unit. For satellite radio operation, please refer to the satellite radio tuner owner's manual.

- The system will use direct satellite-to-receiver broadcasting technology to provide listeners in their cars and at home with crystal-clear sound seamlessly from coast to coast. Satellite radio will create and package over 100 channels of digital-quality music, news, sports, talk and children's programming.
- "SAT Radio", the SAT Radio logo and all related marks are trademarks of Sirius Satellite Radio inc., and XM Satellite Radio Inc.


### About HD Radio

- The HD Radio Ready logo is a proprietary trademark of iBiquity Digital Corp.

### ! CAUTION

- Pioneer accepts no responsibility for data lost on the USB portable audio player/USB memory even if that data is lost while using this unit.
- Pioneer accepts no responsibility for data lost on the iPod even if that data is lost while using this unit.

### Operating environment

This unit should be used within the temperature ranges shown below.  
Operating temperature range: -10 °C to +60 °C (14 °F to 140 °F)  
EN300328 ETC test temperature: -20 °C and +55 °C (-4 °F and 131 °F) 

## After-sales service for Pioneer products

Please contact the dealer or distributor from where you purchased this unit for after-sales service (including warranty conditions) or any other information. In case the necessary information is not available, please contact the companies listed below:

Please do not ship your unit to the companies at the addresses listed below for repair without advance contact.

### U.S.A.

Pioneer Electronics (USA) Inc.  
CUSTOMER SUPPORT DIVISION  
P.O. Box 1760  
Long Beach, CA 90801-1760  
800-421-1404

### CANADA

Pioneer Electronics of Canada, Inc.  
CUSTOMER SATISFACTION DEPARTMENT  
300 Allstate Parkway  
Markham, Ontario L3R 0P2  
1-877-283-5901  
905-479-4411

For warranty information please see the Limited Warranty sheet included with this unit.

## Visit our website

Visit us at the following site:

**<http://www.pioneerelectronics.com>**

- 1 Register your product. We will keep the details of your purchase on file to help you refer to this information in the event of an insurance claim such as loss or theft.
- 2 Receive updates on the latest products and technologies.
- 3 Download owner's manuals, order product catalogues, research new products, and much more.

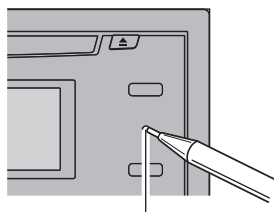
## In case of trouble

Should this product fail to operate properly, contact your dealer or nearest authorized Pioneer Service Station.

## Resetting the microprocessor

The microprocessor must be reset under the following conditions:

- Prior to using this unit for the first time after installation
- If the unit fails to operate properly
- When strange or incorrect messages appear on the display



RESET button

- Press RESET with a pen tip or other pointed instrument.



## Before You Start


### About the demo mode

This unit features the feature demo mode.

#### Important

The red lead (ACC) of this unit should be connected to a terminal coupled with ignition switch on/off operations. If this is not done, the vehicle battery may be drained.


#### Feature demo mode

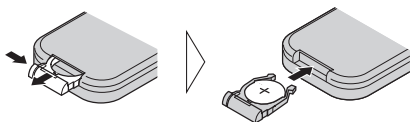
The feature demo automatically starts when power to this unit is turned off while the ignition switch is set to ACC or ON. Press **DISP** during feature demo operation to cancel the feature demo mode. Press **DISP** again to start. Remember that if the feature demo continues operating when the car engine is turned off, it may drain battery power. 

## Use and care of the remote control

### Installing the battery

Slide the tray on the back of the remote control out and insert the battery with the plus (+) and minus (-) poles aligned properly.

- When using for the first time, pull out the film protruding from the tray. 



#### WARNING

Keep the battery out of the reach of children. Should the battery be swallowed, consult a doctor immediately.

#### CAUTION

- Use one **CR2025 (3V)** lithium battery.
- Remove the battery if the remote control is not used for a month or longer.


- There is a danger of explosion if the battery is incorrectly replaced. Replace only with the same or equivalent type.
- Do not handle the battery with metallic tools.
- Do not store the battery with metallic objects.
- If the battery leaks, wipe the remote control completely clean and install a new battery.
- When disposing of used batteries, comply with governmental regulations or environmental public institutions' rules that apply in your country/area.
- "Perchlorate Material – special handling may apply.  
See [www.dtsc.ca.gov/hazardouswaste/perchlorate](http://www.dtsc.ca.gov/hazardouswaste/perchlorate). (Applicable to California, U.S.A.)"

### Using the remote control

Point the remote control in the direction of the front panel to operate.

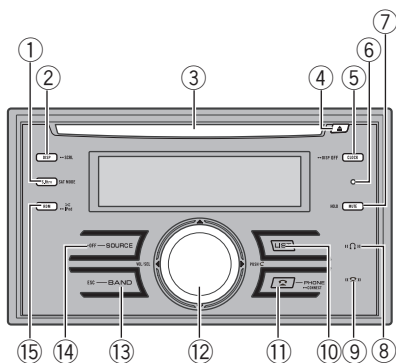
- The remote control may not function properly in direct sunlight.

#### Important

- Do not store the remote control in high temperatures or direct sunlight.
- Do not let the remote control fall onto the floor, where it may become jammed under the brake or accelerator pedal. 

## What's What

### Head unit



#### ① S.Rtrv/SAT MODE button

Press to switch Sound Retriever settings. When XM tuner or SIRIUS tuner is selected as the source, press to change the channel select mode. When SIRIUS tuner is selected as the source, press and hold to perform the Instant Replay mode.

#### ② DISP/SCROLL button

Press to select different displays. Press and hold to scroll through the text information.

#### ③ Disc loading slot

Insert a disc to play.

#### ④ EJECT button

Press to eject a CD from your built-in CD player.

#### ⑤ CLOCK/DISP OFF button

Press to change to the clock display. Press and hold to turn the display indication and button illumination off or on.

#### ⑥ RESET button

Press to reset the microprocessor.

#### ⑦ MUTE/HOLD button

Press to turn off the sound. To turn on the sound, press again. While talking on the phone, press to put the call on hold.

#### ⑧ «Bluetooth» indicator

Lights up when your Bluetooth audio player is connected via Bluetooth wireless technology.

- While connecting, this indicator flashes.

#### ⑨ «Cellular phone» indicator

Lights up when your cellular phone is connected via Bluetooth wireless technology.

- While connecting, this indicator flashes.
- While phone connection is not completed, this indicator flashes.

#### ⑩ LIST button

Press to display the disc title list, track title list, folder list, file list, preset channel list or phone number list depending on the source.

#### ⑪ PHONE/CONNECT button

Press to select the phone as the source. While operating a phone source, press to end a call, reject an incoming call or cancel making a call. Press and hold to perform Bluetooth connection.

#### ⑫ MULTI-CONTROL

Move to perform manual seek tuning, fast forward, reverse and track search controls. Also used for controlling functions. Turn to increase or decrease the volume.

#### ⑬ BAND/ESC button

Press to select among three FM bands and one AM band. Press to return to the ordinary display when operating the menu.

#### ⑭ SOURCE/OFF button

This unit is turned on by selecting a source. Press to cycle through all the available sources.

## Operating this unit

### 15 RDM/⌂/iPod button

Press to turn random function on or off while using CD or USB.

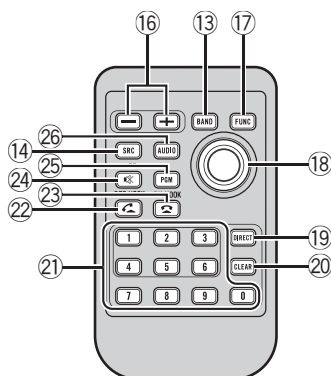
While using an iPod, press to shuffle all tracks.

Press and hold to switch the control mode while using an iPod.

If using the iPod with an interface adapter (CD-IB100II), press to switch the shuffle function.

## Remote control

Operation is the same as when using the buttons on the head unit.



### 16 VOLUME buttons

Press to increase or decrease the volume.

### 17 FUNCTION button

Press to select functions.

### 18 Thumb pad

Move to perform manual seek tuning, fast forward, reverse and track search controls. Also used for controlling functions.

Functions are the same as

**MULTI-CONTROL** except for volume control.

Press to display the disc title list, track title list, folder list, file list or preset channel list depending on the source.

### 19 DIRECT button

Press to directly select the desired track.

### 20 CLEAR button

Press to cancel the input number when 0 to 9 are used.

### 21 0 to 9 buttons

Press to directly select the desired track, preset tuning or disc. Buttons 1 to 6 can operate the preset tuning for the tuner or disc number search for the multi-CD player.

### 22 OFF HOOK button

Press to start talking on the phone while operating a phone source.

### 23 ON HOOK button

While operating the phone source, press to end a call or reject an incoming call.

### 24 MUTE button

Press to turn off the sound. To turn on the sound, press again.

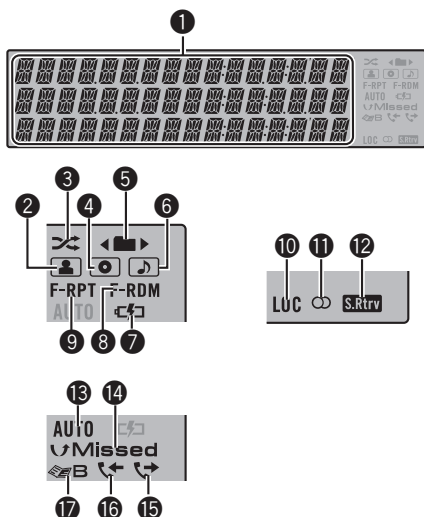
### 25 PGM button

Press to operate the preprogrammed functions for each source. (Refer to *Using the PGM button* on page 54.)

### 26 AUDIO button

Press to select various sound quality controls.

## Display indication



### 1 Main display section

Displays band, frequency, elapsed playback time and other settings.

### 2 (artist) indicator

Appears when the disc (track) artist name is displayed on the main display section.  
Appears when artist search refinement on the iPod browsing function is in use.

### 3 (shuffle) indicator

Appears when shuffle function is on while iPod source is being selected.

### 4 (disc) indicator

Appears when the disc (album) name is displayed on the main display section.  
Appears when album search refinement on the iPod browsing function is in use.

### 5 (folder) indicator

Appears when operating list function.  
When an upper tier folder or menu exists, ◀ appears.  
When a lower tier folder or menu exists, ▶ appears.

### 6 (song) indicator

Appears when the track (song) name is displayed on the main display section.  
Appears when song search refinement on the iPod browsing function is in use.

### 7 (iPod connection) indicator

Appears when the iPod connection is recognized while USB source is being selected.

### 8 F-RDM indicator

Appears when folder random is on.  
When random function is on, only RDM is displayed.

### 9 F-RPT indicator

Appears when folder repeat is on.  
When repeat function is on, only RPT is displayed.

### 10 LOC indicator

Appears when local seek tuning is on.

### 11 (stereo) indicator

Appears when the selected frequency is being broadcast in stereo.

### 12 S.Rtrv (Sound Retriever) indicator

Appears when Sound Retriever function is on.

### 13 AU10 (auto answer) indicator

Shows when the automatic answering function is on (for more details, refer to *Setting automatic answering* on page 41).

### 14 Missed (missed call) indicator

Appears when there are missed call log.  
Appears when missed call list is displayed while telephone source is being selected.

### 15 (dialled call) indicator


Appears when dialled call list is displayed while telephone source is being selected.

### 16 (received call) indicator

Appears when received call list is displayed while telephone source is being selected.

## Operating this unit

### ⑰ (phone book) indicator

Appears when phone book list is displayed while telephone source is being selected. 

## Basic Operations

### Power ON/OFF

#### Turning the unit on

- Press **SOURCE** to turn the unit on.

#### Turning the unit off

- Press **OFF** and hold until the unit turns off.

### Selecting a source

You can select a source you want to listen to. To switch to the built-in CD player, load a disc in the unit (refer to page 16).

- Press **SOURCE** repeatedly to switch between the following sources.  
**XM tuner—Sirius tuner—HD Radio—Tuner—Television—DVD player/Multi-DVD player—Built-in CD player—Multi-CD player—iPod—USB—External unit 1—External unit 2—AUX1—AUX2—BT Audio—BT Telephone**



#### Notes

- In the following cases, the sound source will not change.
  - When no unit corresponding to the selected source is connected.
  - When there is no disc or magazine in the player.
  - When the iPod is not connected to this unit.
  - When AUX (auxiliary input) is set to off (refer to page 49).
  - When the BT audio source is set to off (refer to *Activating the BT AUDIO source* on page 51).
- If the HD Radio tuner is connected to this unit, tuner source is skipped.
- AUX1 is set to on by default. Turn off the AUX1 when not in use (refer to *Switching the auxiliary setting* on page 49).

## Operating this unit

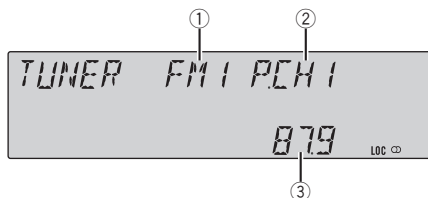
- Charging the portable audio player using car's DC power source while connecting it to AUX input may generate noise. In this case, stop charging.
- External unit refers to a Pioneer product (such as ones available in the future) that, although incompatible as a source, enables control of basic functions with this unit. Two external units can be controlled with this unit. When two external units are connected, the external unit is automatically allocated to external unit 1 or external unit 2 by this unit.
- When this unit's blue/white lead is connected to the vehicle's auto-antenna relay control terminal, the vehicle's antenna extends when this unit's source is turned on. To retract the antenna, turn the source off.

### Adjusting the volume

- Turn **MULTI-CONTROL** to adjust the sound level. 

## Tuner

### Basic Operations



- ① Band indicator
- ② Preset number indicator
- ③ Frequency indicator

#### ● Select a band

Press **BAND**.

- Band can be selected from among **FM1**, **FM2**, **FM3** or **AM**.

#### ● Manual tuning (step by step)

Push **MULTI-CONTROL** left or right.

#### ● Seek tuning

Push and hold **MULTI-CONTROL** left or right, and then release.

- You can cancel seek tuning by pushing **MULTI-CONTROL** left or right.
- While pushing and holding **MULTI-CONTROL** left or right, you can skip stations. Seek tuning starts as soon as you release **MULTI-CONTROL**.

### Storing and recalling broadcast frequencies

You can easily store up to six broadcast frequencies for later recall.

- Six stations for each band can be stored in memory.

#### 1 Press **LIST**.

Preset screen is displayed.

#### 2 Use **MULTI-CONTROL** to store the selected frequency in memory.

Turn to change the preset number. Press and hold to store.

## Operating this unit

### 3 Use MULTI-CONTROL to select the desired station.

Turn to change the station. Press to select.

- You can also change the station by pushing **MULTI-CONTROL** up or down.
- To return to the ordinary display, press **BAND** or **LIST**.
- If you do not operate the list within about 30 seconds, the display automatically returns to the ordinary display.

### Using the remote control

#### ● When you find a frequency that you want to store in memory, press one of preset tuning buttons 1 to 6 and hold until the preset number stops flashing.

The number you have pressed will flash in the preset number indicator and then remain lit. The selected radio station frequency has been stored in memory.

The next time you press the same preset tuning button the radio station frequency is recalled from memory.

- You can also recall radio station frequencies assigned to preset tuning numbers by pushing **MULTI-CONTROL** up or down during the frequency display.

## Introduction to advanced operations

### 1 Press MULTI-CONTROL to display the main menu.

### 2 Use MULTI-CONTROL to select FUNCTION.

Turn to change the menu option. Press to select.

The function menu is displayed.

### 3 Turn MULTI-CONTROL to select the function.

**BSM** (best stations memory)—**LOCAL** (local seek tuning)



### Notes

- You can also select the function by pressing **FUNCTION** on the remote control.
- To return to the ordinary display, press **BAND**.

## Storing the strongest broadcast frequencies

**BSM** (best stations memory) lets you automatically store the six strongest broadcast frequencies.

### 1 Display the function menu.

Refer to *Introduction to advanced operations* on this page.

### 2 Use MULTI-CONTROL to select BSM in the function menu.

### 3 Press MULTI-CONTROL to turn BSM on.

The six strongest broadcast frequencies are stored in the order of their signal strength.

- To cancel, press **MULTI-CONTROL** again.

## Tuning in strong signals

Local seek tuning lets you tune in only those radio stations with sufficiently strong signals for good reception.

### 1 Display the function menu.

Refer to *Introduction to advanced operations* on this page.


### 2 Use MULTI-CONTROL to select LOCAL in the function menu.

### 3 Press MULTI-CONTROL to turn local seek tuning on.

- To turn local seek tuning off, press **MULTI-CONTROL** again.

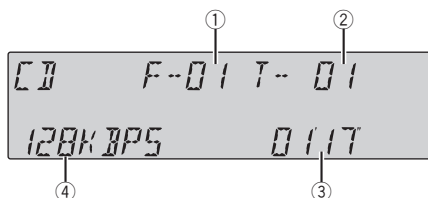
### 4 Push MULTI-CONTROL left or right to set the sensitivity.

FM: **LEVEL 1—LEVEL 2—LEVEL 3—LEVEL 4**  
AM: **LEVEL 1—LEVEL 2**

The **LEVEL 4** setting allows reception of only the strongest stations, while lower settings let you receive progressively weaker stations. 

## Built-in CD Player

### Basic Operations



- ① Folder number indicator  
Shows the folder number currently playing when the compressed audio is playing.
- ② Track number indicator
- ③ Play time indicator
- ④ Bit rate/sampling frequency indicator  
Shows the bit rate or sampling frequency of the current track (file) when the compressed audio is playing.
  - When playing back VBR (variable bit rate)-recorded WMA files, the average bit rate value is displayed.
  - When playing back VBR (variable bit rate)-recorded MP3 files, **VBR** is displayed instead of bit rate value.

- **Insert a disc into the disc loading slot.**

Playback will automatically start.

- **When loading a disc, face the label side of a disc up.**

- **Eject a disc**

Press **EJECT**.

- **Select a folder**

Push **MULTI-CONTROL** up or down.

- You cannot select a folder that does not have a compressed audio file recorded in it.

- **Select a track**

Push **MULTI-CONTROL** left or right.

- **Fast forward or reverse**

Push and hold **MULTI-CONTROL** left or right.

- When playing compressed audio, there is no sound on fast forward or reverse.



## Operating this unit

### ● Return to root folder

Press and hold **BAND**.

- If folder 01 (ROOT) contains no files, playback commences with folder 02.

### ● Switch between compressed audio and CD-DA

Press **BAND**.

- This operation is available only when playing CD-EXTRA or MIXED-MODE CDs.
- If you have switched between compressed audio and CD-DA, playback starts at the first track on the disc.

### Notes

- The built-in CD player can play back audio CD and compressed audio recorded on a CD-ROM. (Refer to page 76 for files that can be played back.)
- Read the precautions for discs and player on page 75.
- A disc has already been inserted, press **SOURCE** to select the built-in CD player.
- There is sometimes a delay between starting up disc playback and the sound being issued. When being read, **FORMAT READ** is displayed.
- If an error message is displayed, refer to *Error messages* on page 73.
- Playback is carried out in order of file number. Folders are skipped if they contain no files. (If folder 01 (ROOT) contains no files, playback commences with folder 02.)

## Selecting a track directly

When using the remote control, you can select a track directly by entering the desired track number.

- When audio files are being played back, you can select track in the current folder.

### 1 Press **DIRECT**.

Track number input display appears.

### 2 Press 0 to 9 to enter the desired track number.

- You can cancel the input number by pressing **CLEAR**.

### 3 Press **DIRECT**.

The track for the entered number will play.

- After entering the number input mode, if you do not perform an operation within about eight seconds, the mode is automatically canceled.

## Displaying text information on disc

### ● Press **DISP** to select the desired text information.

- **For title entered CD**  
Play time—disc title and play time
- **For CD TEXT discs**  
Play time—disc artist name and track title—disc artist name and disc title—disc title and track title—track artist name and track title—track title and play time
- **For WMA/MP3/AAC**  
Play time—folder name and file name—artist name and track title—artist name and album title—album title and track title—track title and play time—comment and play time
- **For WAV**  
Play time—folder name and file name

### Notes

- You can scroll to the left of the title by pressing and holding **DISP**.
- Audio CD that contains certain information such as text and/or number is CD TEXT.
- If specific information is not recorded on a disc, title or name is not displayed.
- Depending on the version of iTunes® used to write MP3 files onto a disc, comment information may not be correctly displayed.
- Depending on the version of Windows Media Player used to encode WMA files, album names and other text information may not be correctly displayed.

## Operating this unit

- When playing back VBR (variable bit rate)-recorded WMA files, the average bit rate value is displayed.
- When playing back VBR (variable bit rate)-recorded MP3 files, **VBR** is displayed instead of bit rate value.
- The sampling frequency shown in the display may be abbreviated.
- When Ever Scroll is set to ON at the initial setting, text information scrolls continuously in the display. Refer to *Switching the ever scroll* on page 50.
- Depending on the character sets in the disc, Russian texts may be garbled. About the allowed character sets for Russian texts, refer to *Compressed audio files on the disc* on page 76.

### Selecting tracks from the track title list

Track title list lets you see the list of track titles on a CD TEXT disc and select one of them to play back.

#### 1 Press LIST to switch to the track title list mode.

#### 2 Use MULTI-CONTROL to select the desired track title.

Turn to change the track title. Press to play.

- You can also change the track title by pushing **MULTI-CONTROL** up or down.
- To return to the ordinary display, press **BAND** or **LIST**.
- If you do not operate the list within about 30 seconds, the display automatically returns to the ordinary display.

### Selecting files from the file name list

File name list lets you see the list of file names (or folder names) and select one of them to playback.

#### 1 Press LIST to switch to the file name list mode.

Names of files and folders appear in the display.

#### 2 Use MULTI-CONTROL to select the desired file name (or folder name).

Turn to change the name of file or folder.

- when a file is selected, press to play.
- when a folder is selected, press to see a list of files (or folders) in the selected folder.
- when a folder is selected, press and hold to play a song in the selected folder.
- You can also play the file by pushing **MULTI-CONTROL** right.
- You can also play a song in the selected folder by pushing and holding **MULTI-CONTROL** right.
- To return to the previous list (the folder one level higher), push **MULTI-CONTROL** left.
- Number of the folders/files in the currently selected folder will be indicated on the right side of the display.
- To return to the ordinary display, press **BAND** or **LIST**.
- If you do not operate the list within about 30 seconds, the display automatically returns to the ordinary display.

### Introduction to advanced operations

#### 1 Press MULTI-CONTROL to display the main menu.

#### 2 Use MULTI-CONTROL to select FUNCTION.

Turn to change the menu option. Press to select.

The function menu is displayed.

#### 3 Turn MULTI-CONTROL to select the function.

**PLAY MODE** (repeat play)—**RANDOM MODE** (random play)—**SCAN MODE** (scan play)—**PAUSE** (pause)—**SOUND RETRIEVER** (sound retriever)—**TITLE INPUT** (disc title input)

## Operating this unit



### Notes

- You can also select the function by pressing **FUNCTION** on the remote control.
- To return to the ordinary display, press **BAND**.
- If you do not operate functions except for **TITLE INPUT** within about 30 seconds, the display automatically returns to the ordinary display.
- When playing a compressed audio disc or CD TEXT disc, you cannot switch to disc title input display.

## Selecting a repeat play range

### 1 Display the function menu.

Refer to *Introduction to advanced operations* on the previous page.

### 2 Use **MULTI-CONTROL** to select **PLAY MODE** in the function menu.

### 3 Press **MULTI-CONTROL** to select the repeat range.

- **DISC REPEAT** – Repeat all tracks
- **TRACK REPEAT** – Repeat the current track
- **FOLDER REPEAT** – Repeat the current folder
  - If you select another folder during repeat play, the repeat play range changes to disc repeat.
  - Performing track search or fast forward/reverse during **TRACK REPEAT** (track repeat) changes the repeat play range to disc/folder.
  - When **FOLDER REPEAT** (folder repeat) is selected, it is not possible to play back a subfolder of that folder.

## Playing tracks in random order

Tracks in a selected repeat range are played in random order.

- **Press RDM to turn random play on.**  
Tracks play in a random order.
  - To turn random play off, press **RDM** again.



### Note

You can also turn this function on or off in the menu that appears by using **MULTI-CONTROL**.

## Scanning folders and tracks

Scan play searches the song within the selected repeat range.

### 1 Display the function menu.

Refer to *Introduction to advanced operations* on the previous page.

### 2 Use **MULTI-CONTROL** to select **SCAN MODE** in the function menu.

### 3 Press **MULTI-CONTROL** to turn scan play on.

The first 10 seconds of each track is played.

### 4 When you find the desired track press **MULTI-CONTROL** to turn scan play off.

- If the display has automatically returned to the playback display, select **SCAN MODE** again by using **MULTI-CONTROL**.
- After scanning of a disc (folder) is finished, normal playback of the tracks begins.

## Pausing playback

### 1 Display the function menu.

Refer to *Introduction to advanced operations* on the previous page.

### 2 Use **MULTI-CONTROL** to select **PAUSE** in the function menu.

### 3 Press **MULTI-CONTROL** to turn pause on.

Playback of the current track pauses.

- To turn pause off, press **MULTI-CONTROL** again.

## Using Sound Retriever

Sound Retriever function automatically enhances compressed audio and restores rich sound.

## Operating this unit

- Press **S.Rtrv** repeatedly to select the desired setting.

**OFF** (off)—1—2

- 2 is more effective than 1.



### Note

You can also perform this operation in the menu that appears by using **MULTI-CONTROL**.

## Using disc title functions

You can input CD titles and display the title. The next time you insert a CD for which you have entered a title, the title of that CD is displayed.

### Entering disc titles

Use the disc title input feature to store up to 48 CD titles in the unit. Each title can be up to 10 characters long.

#### 1 Display the function menu.

Refer to *Introduction to advanced operations* on page 18.

#### 2 Play the CD that you want to enter a title for.

#### 3 Use **MULTI-CONTROL** to select **TITLE INPUT** in the function menu.

#### 4 Press **DISP** to select the desired character type.

Press **DISP** repeatedly to switch between the following character types:  
Alphabet—Numbers and symbols

#### 5 Push **MULTI-CONTROL** up or down to select a letter of the alphabet.

#### 6 Push **MULTI-CONTROL** left or right to move the cursor to the previous or next character position.

#### 7 Move the cursor to the last position by pushing **MULTI-CONTROL** right after entering the title.

When you push **MULTI-CONTROL** right one more time, the entered title is stored in memory.

#### 8 Press **BAND** to return to the playback display.



### Notes

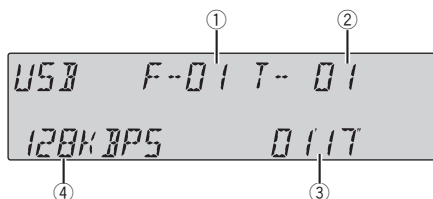
- Titles remain in memory, even after the disc is removed from the unit, and are recalled when the disc is reinserted.
- After data for 48 discs are stored in the memory, data for a new disc overwrites the oldest one.
- If you connect a multi-CD player, you can input disc titles for up to 100 discs.
- When a multi-CD player that does not support disc title functions is connected, you cannot enter disc titles in this unit.

## Operating this unit

### Playing songs on USB portable audio player/USB memory

For details about the supported device, refer to *Portable audio player compatibility* on page 6.

#### Basic Operations



- ① Folder number indicator
- ② Track number indicator
- ③ Play time indicator
- ④ Bit rate/sampling frequency indicator
  - When playing back VBR (variable bit rate)-recorded WMA files, the average bit rate value is displayed.
  - When playing back VBR (variable bit rate)-recorded MP3 files, **VBR** is displayed instead of bit rate value.

#### ● Select a folder

Push **MULTI-CONTROL** up or down.

#### ● Select a track

Push **MULTI-CONTROL** left or right.

#### ● Fast forward or reverse

Push and hold **MULTI-CONTROL** left or right.

#### ● Return to root folder

Press and hold **BAND**.

#### Notes

- Optimum performance of this unit may not be obtained depending on the connected USB portable audio player/USB memory.
- If folder 01 (ROOT) contains no files, playback commences with folder 02.
- When the USB portable audio player having battery charging function is connected to this

unit and the ignition switch is set to ACC or ON, the battery is charged.

- You can disconnect the USB portable audio player/USB memory anytime you want to finish listening to it.
- If USB portable audio player/USB memory is connected to this unit, the source is changed to USB automatically. If you do not use an USB device, disconnect it from this unit. Depending on the connected USB device, turning on the ignition switch while USB device is connected to this unit may change the source automatically.

### Selecting an audio file directly in the current folder

The operation is the same as that of the built-in CD player.

Refer to *Selecting a track directly* on page 17.

### Displaying text information of an audio file

The operation is the same as that of the built-in CD player.

Refer to *Displaying text information on disc* on page 17.

#### Notes

- If the characters recorded on the audio file are not compatible with the head unit, those characters are not displayed.
- The text information of some audio files may not be correctly displayed.

### Selecting files from the file name list

The operation is the same as that of the built-in CD player.

Refer to *Selecting files from the file name list* on page 18.

## Introduction to advanced operations

**1 Press MULTI-CONTROL to display the main menu.**

**2 Use MULTI-CONTROL to select FUNCTION.**

Turn to change the menu option. Press to select.

The function menu is displayed.

**3 Turn MULTI-CONTROL to select the function.**

**PLAY MODE** (repeat play)—**RANDOM MODE** (random play)—**SCAN MODE** (scan play)—**PAUSE** (pause)—**SOUND RETRIEVER** (sound retriever)


### Function and operation

**PLAY MODE, RANDOM MODE, SCAN MODE, PAUSE** and **SOUND RETRIEVER** operations are basically the same as that of the built-in CD player.

Function name	Operation
<b>PLAY MODE</b>	Refer to <i>Selecting a repeat play range</i> on page 19. However, the repeat play ranges you can select are different from that of the built-in CD player. The repeat play ranges of the USB portable audio player/USB memory are: <ul style="list-style-type: none"> <li>• <b>TRACK REPEAT</b> – Repeat just the current file</li> <li>• <b>FOLDER REPEAT</b> – Repeat the current folder</li> <li>• <b>ALL REPEAT</b> – Repeat all files</li> </ul>
<b>RANDOM MODE</b>	Refer to <i>Playing tracks in random order</i> on page 19.
<b>SCAN MODE</b>	Refer to <i>Scanning folders and tracks</i> on page 19.
<b>PAUSE</b>	Refer to <i>Pausing playback</i> on page 19.
<b>SOUND RETRIEVER</b>	Refer to <i>Using Sound Retriever</i> on page 19.



### Notes

- You can also select the function by pressing **FUNCTION** on the remote control.
- To return to the ordinary display, press **BAND**.
- If you select another folder during repeat play, the repeat play range changes to **ALL REPEAT**.
- If you perform track search or fast forward/reverse during **TRACK REPEAT**, the repeat play range changes to **FOLDER REPEAT**.
- When **FOLDER REPEAT** is selected, it is not possible to play back a subfolder of that folder.
- After file or folder scanning is finished, normal playback of the files begins again. 

## Operating this unit

### Playing songs on iPod

For details about the supported iPod, refer to iPod® compatibility on page 6.

#### Basic Operations



- ① Song number indicator
- ② Play time indicator

#### ● Fast forward or reverse

Push and hold **MULTI-CONTROL** left or right.

#### ● Select a track (chapter)

Push **MULTI-CONTROL** left or right.

#### Notes

- When using an iPod, iPod Dock Connector to USB Cable is required.
- Read the precautions for iPod on page 78.
- While iPod is connected to this unit, **PIONEER** (or ✓ (check mark)) is displayed on the iPod.
- If an error message is displayed, refer to *Error messages* on page 73.
- When the ignition switch is set to ACC or ON, the iPod's battery is charged while the iPod is connected to this unit.
- While the iPod is connected to this unit, the iPod cannot be turned on or off.
- Before connecting the dock connector of this unit to the iPod, disconnect the headphones from the iPod.
- The iPod is turned off about two minutes after the ignition switch is set to OFF.

### Browsing for a song

#### Searching songs by category

Operations to control an iPod with this unit is designed to be as close to the iPod as possible to make operation and song search easy.

- Depending on the number of files in the iPod, there may be a delay when displaying a list.
- If the characters recorded on the iPod are not compatible with this unit, those characters are not displayed.

#### 1 Press LIST.

#### 2 Use MULTI-CONTROL to select a category.

Turn to change the category; press to select.

**PLAYLISTS** (playlists)—**ARTISTS** (artists)—**ALBUMS** (albums)—**SONGS** (songs)—**PODCASTS** (podcasts)—**GENRES** (genres)—**COMPOSERS** (composers)—**AUDIOBOOKS** (audiobooks)

List for the selected category is displayed.

- You can start playback throughout the selected category by pressing and holding **MULTI-CONTROL**. You can also perform this operation by pushing and holding **MULTI-CONTROL** right.
- You can also change the category by pushing **MULTI-CONTROL** up or down.
- You can also select the category by pushing **MULTI-CONTROL** right.
- To return to the previous category, push **MULTI-CONTROL** left.
- To return to the top tier of categories, push and hold **MULTI-CONTROL** left.
- To return to the ordinary display, press **BAND**.
- If you do not operate the list within about 30 seconds, the display automatically returns to the ordinary display.

#### 3 Repeat step 2 to find a song you want to listen to.

#### Searching songs by alphabet

#### 1 Press LIST.

## Operating this unit

### 2 Use MULTI-CONTROL to select a category.

Turn to change the category. Press to select.

### 3 Press LIST to switch to alphabet search mode.

### 4 Turn MULTI-CONTROL to select a desired alphabet.

### 5 Press MULTI-CONTROL to display the alphabetical list.

- If alphabet search is aborted, **NOT FOUND** is displayed.

## Displaying text information on iPod

### ● Press DISP to select the desired text information.

Play time and song number—artist name and song title—artist name and album title—album title and song title—song title and play time

- If the characters recorded on the iPod are not compatible with this unit, those characters are not displayed.

### Notes

- You can scroll the text information to the left by pressing and holding **DISP**.
- When Ever Scroll is set to ON at the initial setting, text information scrolls continuously in the display. Refer to *Switching the ever scroll* on page 50.

## Introduction to advanced operations

### 1 Press MULTI-CONTROL to display the main menu.

### 2 Use MULTI-CONTROL to select FUNCTION.

Turn to change the menu option. Press to select.

The function menu is displayed.

### 3 Turn MULTI-CONTROL to select the function.

**PLAY MODE** (repeat play)—**SHUFFLE MODE** (shuffle)—**SHUFFLE ALL** (shuffle all)—

**LINK SEARCH** (link search)—

**CONTROL MODE** (control mode)—**PAUSE**

(pause)—**AUDIOBOOKS** (audiobook speed)—

**SOUND RETRIEVER** (sound retriever)

## Function and operation

**PLAY MODE**, **PAUSE** and **SOUND RETRIEVER** operations are basically the same as that of the built-in CD player.

Function name	Operation
<b>PLAY MODE</b>	Refer to <i>Selecting a repeat play range</i> on page 19. However, the repeat play ranges you can select are different from that of the built-in CD player. The repeat play ranges of the iPod are: <ul style="list-style-type: none"> <li>• <b>REPEAT ONE</b> – Repeat the current song</li> <li>• <b>REPEAT ALL</b> – Repeat all songs in the selected list</li> </ul>
<b>PAUSE</b>	Refer to <i>Pausing playback</i> on page 19.
<b>SOUND RETRIEVER</b>	Refer to <i>Using Sound Retriever</i> on page 19.

### Notes

- You can also select the function by pressing **FUNCTION** on the remote control.
- To return to the ordinary display, press **BAND**.
- If you do not operate functions within about 30 seconds, the display automatically returns to the ordinary display.
- When **CONTROL MODE** is on, only **CONTROL MODE** and **SOUND RETRIEVER** can be operated.



## Operating this unit

### Playing songs in a random order (shuffle)

#### 1 Display the function menu.

Refer to *Introduction to advanced operations* on the previous page.

#### 2 Use MULTI-CONTROL to select SHUFFLE MODE in the function menu.

#### 3 Press MULTI-CONTROL to select your favorite setting.

- **SHUFFLE SONGS** – Play back songs in the selected list in random order.
- **SHUFFLE ALBUMS** – Play back songs from a randomly selected album in order.
- **SHUFFLE OFF** – Cancel random play.

### Playing all songs in a random order (shuffle all)

#### ● Press $\approx$ to turn shuffle all on.

All songs on the iPod play randomly.

- To turn shuffle all off, set **SHUFFLE MODE** in the **FUNCTION** menu to off.

#### Note

You can also turn this function on in the menu that appears by using **MULTI-CONTROL**.

### Selecting songs from album list of currently playing artist

Album list of the currently selected artist is displayed. You can select an album or song from the artist name.

- Depending on the number of files in the iPod, there may be a delay when displaying a list.

#### 1 Press and hold LIST to turn link search on.

Searches albums of the artist and displays the list.

#### 2 Use MULTI-CONTROL to select an album or song from the list.

For more details about the selecting operation, refer to step 2 of *Searching songs by category* on page 23.

#### Notes

- If link search is aborted, **NOT FOUND** is displayed.
- You can also turn this function on in the menu that appears by using **MULTI-CONTROL**.

### Operating this unit's iPod function from your iPod

*This function cannot be operated with the following iPod models.*

— iPod nano first generation (software version 1.3.1)

— iPod fifth generation (software version 1.2.1)

This unit's iPod function can be operated from your iPod. Sound can be heard from car's speaker, and operation can be conducted from your iPod.

- While this function is in use, even if the ignition key is turned off, iPod is not turned off. To turn off power, operate the iPod.

#### 1 Press iPod and hold to switch the control mode.

- Each pressing and holding iPod switches the control mode.
- While using this function, play time and titles are not displayed on this unit.
- Even if this function is performed, track up/down can be operated from this unit.
- While using this function, browse function cannot be operated from this unit.

#### 2 Operate the connected iPod to select a song and play.

#### Note

You can also turn this function on or off in the menu that appears by using **MULTI-CONTROL**.

## Changing audiobook speed

While listening to an audiobook on iPod, playback speed can be changed.


### 1 Display the function menu.

Refer to *Introduction to advanced operations* on page 24.

### 2 Use **MULTI-CONTROL** to select **AUDIOBOOKS** in the function menu.

### 3 Press **MULTI-CONTROL** to select your favorite setting.

Press **MULTI-CONTROL** repeatedly until the desired setting appears in the display.

- **FASTER** – Playback faster than normal speed
- **NORMAL** – Playback in normal speed
- **SLOWER** – Playback slower than normal speed 

## Bluetooth Audio



### Important

- Depending on the Bluetooth audio player connected to this unit, the operations available with this unit are limited to the following two levels:
  - Lower level: Only playing back songs on your audio player is possible.
  - Higher level: Playing back, pausing, selecting songs, etc., are possible (all the operations illustrated in this manual).
- Since there are a number of Bluetooth audio players available on the market, operations with your Bluetooth audio player using this unit vary extensively. Refer to the instruction manual that came with your Bluetooth audio player as well as this manual while operating your player on this unit.
- Information about songs (e.g. the elapsed playing time, song title, song index, etc.) cannot be displayed on this unit.
- While you are listening to songs on your Bluetooth audio player, refrain from using on your cellular phone as much as possible. If you use your cellular phone, the signal from your cellular phone may cause noise on the song playback.
- When you are talking on a cellular phone connected to this unit via Bluetooth wireless technology, song playback from your Bluetooth audio player connected to this unit is muted.
- Even if you are listening to a song on your Bluetooth audio player and you switch to another source, song playback continues.

## Operating this unit

Even though your audio player does not contain a Bluetooth module, you can still control it from this unit via Bluetooth wireless technology using a Bluetooth adapter (sold separately).



- ① Device name  
Shows the device name of the connected Bluetooth audio player (or Bluetooth adapter).

### Connecting a Bluetooth audio player

- Before you can use audio players you may need to enter the PIN code into this unit. If your player requires a PIN code to establish a connection, look for the code on the player or in its accompanying documentation. Refer to *Entering PIN code for Bluetooth wireless connection* on page 51.

#### Using a Bluetooth audio player to initiate a connection

**1 Press MULTI-CONTROL to display the main menu.**

**2 Use MULTI-CONTROL to select CONNECTION.**

Turn to change the menu option. Press to select.

**3 Turn MULTI-CONTROL to select BT AUDIO DEVICE.**

- If there is previous connection log in this unit, you can select the Bluetooth device from **PAIRED DEVICE**.

Refer to *Connecting a paired Bluetooth audio player*.

**4 Use MULTI-CONTROL to select a group.**  
Push **MULTI-CONTROL** up or down to select a group.

**NOKIA** (Nokia)—**STANDARD** (standard)

- Normally select **STANDARD**. If the device of Nokia is not paired to this unit, select **NOKIA**.
- Push **MULTI-CONTROL** left or right to display a group name or an ID.

**5 Press MULTI-CONTROL to open the connection.**

**READY** will be displayed.

This unit is now on standby for connection from Bluetooth audio player.

- Push **MULTI-CONTROL** left or right to display the device name, BD address and PIN code of this unit.

**6 Use your Bluetooth audio player to establish connection.**

PIN code is set to **0000** as the default. You can change this code in the initial setting. Refer to *Entering PIN code for Bluetooth wireless connection* on page 51.

While connecting, **CONNECTING** is displayed. If the connection is established, **CONNECTED** is displayed.

- If the connection fails, **ERROR** is displayed. In this case, try again from the beginning.

#### Connecting a paired Bluetooth audio player

**1 Press MULTI-CONTROL to display the main menu.**

**2 Use MULTI-CONTROL to select CONNECTION.**

Turn to change the menu option. Press to select.

**3 Turn MULTI-CONTROL to select PAIRED DEVICE.**

Paired device name will be displayed.

- Push **MULTI-CONTROL** left or right to switch the device name, BD address, group name and group ID.

## Operating this unit

### 4 Press **MULTI-CONTROL** to establish connection.

- While connecting, **CONNECTING** flashes. If the connection is established, **CONNECTED** is displayed.
- If the connection fails, **ERROR** is displayed. In this case, try again from the beginning.

## Disconnecting a Bluetooth audio player

This function can be operated only when the Bluetooth wireless connection is being established.

### 1 Press **MULTI-CONTROL** to display the main menu.

### 2 Use **MULTI-CONTROL** to select **CONNECTION**.

Turn to change the menu option. Press to select.

### 3 Turn **MULTI-CONTROL** to select **DISCONNECT AUDIO**.

### 4 Press **MULTI-CONTROL** to disconnect the Bluetooth wireless connection.

## Basic Operations

### ● **Fast forward or reverse**

Push and hold **MULTI-CONTROL** left or right.

### ● **Select a track**

Push **MULTI-CONTROL** left or right.



### Note

Even though your audio player does not contain a Bluetooth module, you can still control it from this unit via Bluetooth wireless technology. To control your audio player using this unit, connect a product featuring Bluetooth wireless technology (available on the market) to your audio player.

## Introduction to advanced operations

### 1 Press **MULTI-CONTROL** to display the main menu.

### 2 Use **MULTI-CONTROL** to select **FUNCTION**.

Turn to change the menu option. Press to select.

The function menu is displayed.

### 3 Turn **MULTI-CONTROL** to select the function.

**PLAY** (play)—**STOP** (stop)—**PAUSE** (pause)—**AUTO CONNECT** (automatic connection setting)—**DEVICE INFO** (device information)



### Notes

- If a Bluetooth audio player is not connected to this unit yet, **AUTO CONNECT** and **DEVICE INFO** appear in the function menu and other functions are not available.
- If a Bluetooth audio player is connected via A2DP (Advanced Audio Distribution Profile), only **AUTO CONNECT** and **DEVICE INFO** appear in the function menu.
- You can also select the function by pressing **FUNCTION** on the remote control.
- To return to the ordinary display, press **BAND**.
- If you do not operate functions within about 30 seconds, the display automatically returns to the ordinary display.

## Function and operation

**PAUSE** is the same as that of the built-in CD player.

Function name	Operation
<b>PAUSE</b>	Refer to <i>Pausing playback</i> on page 19.

## Operating this unit

### Playing songs on a Bluetooth audio player

#### 1 Display the function menu.

Refer to *Introduction to advanced operations* on the previous page.

#### 2 Use **MULTI-CONTROL** to select **PLAY** in the function menu.

#### 3 Press **MULTI-CONTROL** to start playback.

### Stopping playback

#### 1 Display the function menu.

Refer to *Introduction to advanced operations* on the previous page.

#### 2 Use **MULTI-CONTROL** to select **STOP** in the function menu.

#### 3 Press **MULTI-CONTROL** to stop the playback.

### Connecting to a Bluetooth audio player automatically

- Initially, this function is set to on.

#### 1 Display the function menu.

Refer to *Introduction to advanced operations* on the previous page.

#### 2 Use **MULTI-CONTROL** to select **AUTO CONNECT** in the function menu.

#### 3 Press **MULTI-CONTROL** to turn automatic connection on.

If your Bluetooth audio player is ready for Bluetooth wireless connection, connection to this unit is automatically established.

- To turn automatic connection off, press **MULTI-CONTROL** again.
- If this function is turned off, device information of the previously connected Bluetooth audio player is deleted.

### Displaying BD (Bluetooth Device) address

This unit displays the BD address of this unit.

#### 1 Display the function menu.

Refer to *Introduction to advanced operations* on the previous page.

#### 2 Use **MULTI-CONTROL** to select **DEVICE INFO** in the function menu.

#### 3 Push **MULTI-CONTROL** left to switch to the BD address.

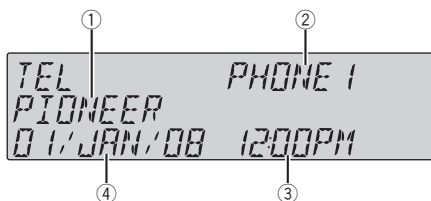
12-digit hexadecimal string is displayed.

- Pushing **MULTI-CONTROL** right returns to the device name. 

## Bluetooth Telephone

### Important

- Since this unit is on standby to connect with your cellular phone via Bluetooth wireless technology, using this unit without running the engine can result in battery drainage.
- Advanced operations that require your attention such as dialing numbers on the monitor, using phone book, etc., are prohibited while you are driving. When you need to use these advanced operations, stop your vehicle in a safe place.



- ① Device name  
Shows the device name of the cellular phone.
- ② User number indicator  
Shows the registration number of the cellular phone.
- ③ Clock display  
Shows the time (if connected with a phone).
- ④ Calendar display  
Shows the day, month and year (if connected with a phone).

## Setting up for hands-free phoning

Before you can use the hands-free phoning function you must set up the unit for use with your cellular phone. This entails establishing a Bluetooth wireless connection between this unit and your phone, pairing your phone with this unit, and adjusting the volume level.

### 1 Connection

For detailed instructions on connecting your phone to this unit via Bluetooth wireless technology, refer to *Connecting and disconnecting a cellular phone* on the next page.

### 2 Pairing

Pairing is usually performed automatically during the connection operation. You only need to perform this operation manually when your phone is connected temporarily for any reason.

We recommend you pair the phone to this unit to make best use of the technology.

To pair your temporarily connected phone, refer to *Pairing a connected cellular phone* on page 33.

### 3 Volume adjustment

Adjust the earpiece volume on your cellular phone for comfort. When adjusted, the volume level is recorded in this unit as the default setting.

- Caller's voice volume and ring volume may vary depending on the type of cellular phone.
- If the difference between the ring volume and caller's voice volume is big, overall volume level may become unstable.
- Before disconnecting the cellular phone from this unit, make sure to adjust the volume to a proper level. If the volume is muted (zero level) on your cellular phone, the volume level of your cellular phone remains muted even after the cellular phone is disconnected.

### Notes

- The equalizer curve for the phone source is fixed.
- When selecting the phone source, you can only operate **FADER/BALANCE** (balance adjustment) in the audio menu.
- When selecting the phone source, the fader value is set to **F 15** as an initial setting.

## Introduction to connection and pairing

### 1 Press **MULTI-CONTROL** to display the main menu.

## Operating this unit

### 2 Use MULTI-CONTROL to select CONNECTION.

The connection menu is displayed.  
Turn to change the menu option. Press to select.

### 3 Turn MULTI-CONTROL to select the function.

**PAIRED PHONE** (paired phone)—  
**BT HANDS FREE** (new phone)—**SET PHONE**  
(phone registration)—**DISCONNECT PHONE**  
(disconnect phone)—**DELETE PHONE** (delete  
phone)

#### If the phone is not connected and not paired

The following function can be operated.

- **BT HANDS FREE** (new phone)

#### If the phone is not connected but paired

The following functions can be operated.

- **PAIRED PHONE** (pair phone manually)
- **BT HANDS FREE** (new phone)
- **DELETE PHONE** (delete phone)

#### If the phone is connected but not paired

The following functions can be operated.

- **SET PHONE** (phone registration)
- **DISCONNECT PHONE** (disconnect phone)
- **DELETE PHONE** (delete phone)

#### If the phone is connected and paired

The following functions can be operated.

- **DISCONNECT PHONE** (disconnect phone)
- **DELETE PHONE** (delete phone)

## Connecting and disconnecting a cellular phone

### Using a cellular phone to initiate a connection

#### 1 Display the connection menu.

Refer to *Introduction to connection and pairing* on the previous page.

#### 2 Use MULTI-CONTROL to select BT HANDS FREE.

#### 3 Use MULTI-CONTROL to select a group.

Push **MULTI-CONTROL** up or down to select a group.

#### NOKIA (Nokia)—STANDARD (standard)

- Normally select **STANDARD**. If the device of Nokia is not paired to this unit, select **NOKIA**.
- Push **MULTI-CONTROL** left or right to display a group name or an ID.

#### 4 Press MULTI-CONTROL to switch to PAIR FROM PHONE.

Push **MULTI-CONTROL** up or down to switch **PAIR FROM PHONE** and **SEARCH DEVICE**.

#### 5 Select PAIR FROM PHONE and then press MULTI-CONTROL to ready for pairing. READY will be displayed.

#### 6 Use your cellular phone to establish connection.

PIN code is set to **0000** as the default. You can change this code in the initial setting. Refer to *Entering PIN code for Bluetooth wireless connection* on page 51.

While connecting, **CONNECTING** is displayed. If the connection is established, **COMPLETED** is displayed.

After connected, this unit automatically changes to **PH.BOOK DL** (phone book download confirmation) display.

- If the connection fails, **ERROR** is displayed. In this case, check the cellular phone and try again.
- If three cellular phones have already been paired, the pairing assignment selection display will appear. Select one assignment to pair the new phone. The newly paired phone overwrites the previously paired phone. The assignment selection operation is the same as Step 3 to 4 of *Pairing a connected cellular phone* on page 33 except for the operation below.

- Switching the BD address and device name

#### 7 Use MULTI-CONTROL to decide to download the phone book from your cellular phone or not.

Push **MULTI-CONTROL** left or right to select **NO** (No) or **YES** (Yes).

Press **MULTI-CONTROL** to decide.

## Operating this unit

When you select **YES**, this unit changes to **PH BOOK DOWNLOAD** and the download operation automatically begins. After completing, **DATA DOWNLOADED** is displayed.

According to the circumstances, this unit changes to **PH BOOK TRANSFER**. In this case, refer to step 4 on *Transferring entries to the phone book* on page 40.

- When you select **NO**, the display reverts to normal.

### Using this unit to initiate a connection

#### 1 Display the connection menu.

Refer to *Introduction to connection and pairing* on page 30.

#### 2 Use **MULTI-CONTROL** to select **BT HANDS FREE**.

#### 3 Use **MULTI-CONTROL** to select a group.

Push **MULTI-CONTROL** up or down to select a group.

**NOKIA** (Nokia)—**STANDARD** (standard)

- Normally select **STANDARD**. If the device of Nokia is not paired to this unit, select **NOKIA**.
- Push **MULTI-CONTROL** left or right to display a group name or an ID.

#### 4 Press **MULTI-CONTROL** to switch to **PAIR FROM PHONE**.

Push **MULTI-CONTROL** up or down to switch **PAIR FROM PHONE** and **SEARCH DEVICE**.

#### 5 Select **SEARCH DEVICE** and then press **MULTI-CONTROL** to start searching.

While searching, **SEARCHING** is displayed.

- If this unit fails to find any available cellular phones, **NOT FOUND** is displayed.

#### 6 Use **MULTI-CONTROL** to select a device.

Push **MULTI-CONTROL** up or down to select a device name you want to connect.

Press **MULTI-CONTROL** to select a device name.

- Push **MULTI-CONTROL** left or right to switch the BD address and device name.

#### 7 Use your cellular phone to establish connection.

PIN code is set to **0000** as the default. You can change this code in the initial setting. Refer to *Entering PIN code for Bluetooth wireless connection* on page 51.

While connecting, **CONNECTING** is displayed. If the connection is established, **COMPLETED** is displayed.

After connected, this unit automatically changes to **PH.BOOK DL** (phone book download confirmation) display.

- If the connection fails, **ERROR** is displayed. In this case, check the cellular phone and try again.
- If three cellular phones have already been paired, the pairing assignment selection display will appear. Select one assignment to pair the new phone. The newly paired phone overwrites the previously paired phone. The assignment selection operation is the same as Step 3 to 4 of *Pairing a connected cellular phone* on the next page except for the operation below.

- Switching the BD address and device name

#### 8 Use **MULTI-CONTROL** to decide to download the phone book from your cellular phone or not.

Push **MULTI-CONTROL** left or right to select **NO** (No) or **YES** (Yes).

Press **MULTI-CONTROL** to decide.

When you select **YES**, this unit changes to **PH BOOK DOWNLOAD** and the download operation automatically begins. After completing, **DATA DOWNLOADED** is displayed.

According to the circumstances, this unit changes to **PH BOOK TRANSFER**. In this case, refer to step 4 on *Transferring entries to the phone book* on page 40.

- When you select **NO**, the display reverts to normal.

### Connecting a paired cellular phone

#### 1 Display the connection menu.

Refer to *Introduction to connection and pairing* on page 30.



## Operating this unit

### 2 Turn MULTI-CONTROL to select PAIRED PHONE.

- Push **MULTI-CONTROL** up or down to select a desired phone.
- Push **MULTI-CONTROL** left or right to display the BD address, group and ID number.

### 3 Press MULTI-CONTROL to start connection.

PIN code is set to **0000** as the default. You can change this code in the initial setting. Refer to *Entering PIN code for Bluetooth wireless connection* on page 51.

While connecting, **CONNECTING** is displayed. If the connection is established, **CONNECTED** is displayed.

After connected, this unit automatically changes to **PH.BOOK DL** (phone book download confirmation) display.

- If the connection fails, **ERROR** is displayed. In this case, check the cellular phone and try again.

### 4 Use MULTI-CONTROL to decide to download the phone book from your cellular phone or not.

Push **MULTI-CONTROL** left or right to select **NO** (No) or **YES** (Yes).

Press **MULTI-CONTROL** to decide.

When you select **YES**, this unit changes to **PH BOOK DOWNLOAD** and the download operation automatically begins. After completing, **DATA DOWNLOADED** is displayed.

- When you select **NO**, the display reverts to normal.

## Disconnecting a cellular phone

### 1 Display the connection menu.

Refer to *Introduction to connection and pairing* on page 30.

### 2 Use MULTI-CONTROL to select DISCONNECT PHONE.

### 3 Press MULTI-CONTROL to disconnect a cellular phone from this unit.

After disconnection is completed, **DISCONNECTED** is displayed.

## Pairing a connected cellular phone

*Pairing is usually performed automatically during the connection operation. You only need to perform this operation manually when your phone is connected temporarily for any reason. We recommend you pair the phone to this unit to make best use of the technology.*

### 1 Display the connection menu.

Refer to *Introduction to connection and pairing* on page 30.

### 2 Use MULTI-CONTROL to select SET PHONE.

### 3 Push MULTI-CONTROL up or down to select a pairing assignment.

**P1** (user phone 1)—**P2** (user phone 2)—**P3** (user phone 3)

- Push **MULTI-CONTROL** left or right to switch the BD address and device name.
- If a phone is already assigned to the user phone number, the new phone will overwrite the old one.
- As you select each assignment, you can see whether or not a phone is already paired. If the assignment is empty, **NO DATA** is displayed.

### 4 Press MULTI-CONTROL to pair the currently connected phone.

When pairing is completed, **COMPLETED** is displayed.

- If the pairing fails, **REGISTER ERROR** is displayed. In this case, return to step 1 and try again.

## Deleting a paired phone

### 1 Display the connection menu.

Refer to *Introduction to connection and pairing* on page 30.

### 2 Use MULTI-CONTROL to select DELETE PHONE.

## Operating this unit

### 3 Push MULTI-CONTROL up or down to select a pairing assignment.

**P1** (user phone 1)—**P2** (user phone 2)—**P3** (user phone 3)

- Push **MULTI-CONTROL** left or right to switch the BD address and device name.
- If the assignment is empty, **NO DATA** is displayed and operation is not possible.

### 4 When the device name is being displayed, push MULTI-CONTROL right to select DELETE YES.

**DELETE YES** is displayed. Deleting phone is now on standby.

- If you do not want to delete the phone, push **MULTI-CONTROL** left. The display reverts to normal.

### 5 Press MULTI-CONTROL to delete the phone.

After the phone is deleted, **DELETED** is displayed.

## Making a phone call

### Dial a number

The most basic way to make a call is to simply dial the number.

Refer to *Making a call by entering phone number* on page 42 for detailed instructions.

### Calling a number in the Phone Book or the Call History

Refer to *Calling a number in the phone book* on page 36 and *Using the call history* on the next page for detailed instructions.

### Preset number

Numbers that you dial frequently can be assigned to presets for quick recall.

Refer to *Using preset numbers* on page 37 for how to assign a number to a preset.

## Voice recognition

If your cellular phone features voice recognition technology, you can make a call by voice commands.

- Operation varies depending on the type of cellular phone. Refer to the instruction manual that came with your cellular phone for detailed instructions.
- This function can be operated only when the connection is established with HFP (Hands Free Profile).

### 1 Press BAND and hold until VOICE DIAL appears in the display.

When **VOICE DIAL ON** is displayed, voice recognition function is ready.

- If your cellular phone does not feature voice recognition function, **NO VOICE DIAL** appears in the display and operation is not possible.

### 2 Pronounce the name of your contact.

## Taking a phone call

### Answering or rejecting an incoming call


#### ● Answering an incoming call

When a call comes in, press

#### **MULTI-CONTROL**.


- You can also take a phone call by pressing **OFF HOOK** on the remote control.

#### ● End a call

Press .

- You can also end the call by pressing **ON HOOK** on the remote control.

#### ● Rejecting an incoming call

When a call comes in, press .

- You can also reject an incoming call by pressing **ON HOOK** on the remote control.

#### ● Put the call on hold

Press **MUTE** while talking on the phone.

## Operating this unit

### Notes

- Pressing **MULTI-CONTROL** while talking on the phone changes into **ECHO CANCEL** of **FUNCTION**. For details on **ECHO CANCEL**, refer to *Echo canceling and noise reduction* on page 41.
- The estimated call time appears in the display (this may differ slightly from the actual call time).

### Operating a call waiting

#### ● Answering a call waiting

When a call comes in, press

#### **MULTI-CONTROL**.

- You can also answer a call waiting by pressing **OFF HOOK** on the remote control.

#### ● End all calls

Press .

- You can also end all calls by pressing **ON HOOK** on the remote control.

#### ● Switch between callers on hold

Press **MULTI-CONTROL**.

- You can also switch between callers on hold by pressing **OFF HOOK** on the remote control.

#### ● Rejecting call waiting

Press .

- You can also reject call waiting by pressing **ON HOOK** on the remote control.

### Note

To end the call, both you and your caller need to hang up the phone.

## Using the phone number list

### Important

Be sure to park your vehicle and apply the parking brake when operating the list.

#### ● Press **LIST** to display the list.

Press **LIST** repeatedly to switch between the following lists:

**RECENT CALLS** (call history)—**PHONE BOOK** (phone book)—**DIAL PRESET** (preset number list)

- For more details about the call history, refer to *Using the call history* on this page.
- For more details about the Phone Book list, refer to *Using the phone book* on the next page.
- For more details about the preset number list, refer to *Using preset numbers* on page 37.
  - If no phone numbers are stored in the selected list, **NO DATA** is displayed.

## Using the call history

The 20 most recent calls dialed, received, and missed are stored in the call history. You can browse the call history and call numbers from it.

### 1 Press **LIST** to display **RECENT CALLS** (call history list).

Refer to *Using the phone number list* on this page.

### 2 Turn **MULTI-CONTROL** to select a phone number.

Turning **MULTI-CONTROL** to change the phone numbers stored in the list.

- If the phone number is already in the phone book, the corresponding name is displayed.
- You can also change the phone number by pushing **MULTI-CONTROL** up or down.

### 3 Press **MULTI-CONTROL** to display the detailed list.

Name, phone number and date are displayed in the detailed list.

- You can also display the detailed list by pushing **MULTI-CONTROL** right.
- You can scroll literal information by pressing and holding **DISP**.
- Turning **MULTI-CONTROL** switches to the previous or next phone number displayed in the detailed list.

## Operating this unit

- If you do not operate anything within about 30 seconds, the list display is canceled automatically.

### 4 Press MULTI-CONTROL to make a call.

- While in the phone number list, press and hold **MULTI-CONTROL** to add or delete + to the phone number.

### 5 To end the call, press .

## Using the phone book

Before using the phone book, you need to set up the phone book. To set up the phone book, refer to *Downloading phone books from your cellular phone* on page 40 and refer to *Transferring entries to the phone book* on page 40.

## Calling a number in the phone book

After finding the number you want to call in the phone book, you can select the entry and make the call.

### 1 Press LIST to display PHONE BOOK (phone book).

**ABC SEARCH** appears in the display.

Refer to *Using the phone number list* on the previous page.

### 2 Turn MULTI-CONTROL to select the first letter of the name you are looking for.

- You can also perform the same operation by pushing **MULTI-CONTROL** up or down.

### 3 Press MULTI-CONTROL to display entries.

The display shows the first three Phone Book entries starting with that letter (e.g. "Ben", "Brian" and "Burt" when "B" is selected).

### 4 Turn MULTI-CONTROL to select a phone book entry you want to call.

- You can also perform the same operation by pushing **MULTI-CONTROL** up or down.

### 5 Press MULTI-CONTROL to display the phone number list of the selected entry.

▪ You can also display the phone number list of the selected entry by pushing **MULTI-CONTROL** right.

- You can scroll literal information by pressing and holding **DISP**.

▪ If several phone numbers are included in an entry, select one by turning **MULTI-CONTROL**.

- If you want to go back and select another entry, push **MULTI-CONTROL** left.

### 6 Press MULTI-CONTROL to make a call.

### 7 To end the call, press .

## Editing phone numbers

You can edit the phone numbers of phone book entries.

### 1 Display the phone number list of your desired phone book entry.

See step 1 to 5 on *Calling a number in the phone book* on this page for how to do this.

### 2 Press and hold MULTI-CONTROL to display the edit screen.

### 3 Turn MULTI-CONTROL to display EDIT NUMBER (number edit screen).

Turning **MULTI-CONTROL** switches input screens in the following order:

**EDIT NUMBER** (number edit screen)—

**EDIT GENRE** (genre edit screen)—

**CLEAR MEMORY** (clear memory screen)

### 4 Push MULTI-CONTROL left or right to move the cursor to the number you want to change.

### 5 Push MULTI-CONTROL up or down to change numbers.

Repeat these steps until you have finished changing the number.

- Press and hold **MULTI-CONTROL** to add or delete + to the phone number.

## Operating this unit

### 6 Press MULTI-CONTROL to store the new number.

After the number is stored, the display reverts to the detailed list.

### Assign genres to phone numbers

If there are a lot of entries in the Phone Book it can be useful to assign them to specific genres (categories) for easier searching. There are four preset genres that you can assign entries to: **HOME**, **MOBILE**, **OFFICE** and **OTHERS**.

#### 1 Display the phone number list of your desired phone book entry.

See step 1 to 5 on *Calling a number in the phone book* on the previous page for how to do this.

#### 2 Press and hold MULTI-CONTROL to display the edit screen.

#### 3 Turn MULTI-CONTROL to display EDIT GENRE (genre edit screen).

Turning **MULTI-CONTROL** switches input screens in the following order:

**EDIT NUMBER** (number edit screen)—

**EDIT GENRE** (genre edit screen)—

**CLEAR MEMORY** (clear memory screen)

#### 4 Push MULTI-CONTROL up or down to select a genre.

Each time **MULTI-CONTROL** is pushed up or down, the genres are switched in the following order:

**HOME** (home)—**MOBILE** (mobile)—**OFFICE**

(office)—**OTHERS** (other)

#### 5 Press MULTI-CONTROL to assign a genre to the phone number.

The selected genre is assigned to the phone number, and the display reverts to the detailed list.

### Clearing a phone book entry

#### 1 Display the phone number list of your desired phone book entry.

See step 1 to 5 on *Calling a number in the phone book* on the previous page for how to do this.

#### 2 Press and hold MULTI-CONTROL to display the edit screen.

#### 3 Turn MULTI-CONTROL to display CLEAR MEMORY (clear memory screen).

Turning **MULTI-CONTROL** switches input screens in the following order:

**EDIT NUMBER** (number edit screen)—

**EDIT GENRE** (genre edit screen)—

**CLEAR MEMORY** (clear memory screen)

#### 4 Push MULTI-CONTROL right to show a confirmation display.

**CLEAR MEMORY: YES** is displayed.

- If you do not want to clear the memory that you have selected, push **MULTI-CONTROL** left. The display reverts to normal.

#### 5 Press MULTI-CONTROL to delete the Phone Book entry.

The Phone Book entry is deleted and **CLEARED** is displayed. The display returns to Phone Book entry list.

### Using preset numbers

Numbers that you dial frequently can be assigned to presets for quick recall.

### Assigning preset numbers

#### 1 Press LIST to display DIAL PRESET (preset number list).

Refer to *Using the phone number list* on page 35.

#### 2 Turn MULTI-CONTROL to switch preset numbers.

You can select preset number from **P1** to **P10**.

- You can also change the phone number by pushing **MULTI-CONTROL** up or down.

## Operating this unit

**3 Press MULTI-CONTROL to select a preset number that you want to assign a phone number to.**

**4 Press and hold MULTI-CONTROL to display MEMORY.**

Push **MULTI-CONTROL** up or down to switch **MEMORY** (memory) and **DELETE** (delete).

- If a phone number is already stored in the selected preset number, the new phone number will overwrite the old one.
- For details on deleting, refer to *Deleting preset numbers* on this page.

**5 Select MEMORY and then press MULTI-CONTROL to display the phone book.**

**6 Turn MULTI-CONTROL to select the first letter of the name you are looking for.**

- You can also perform the same operation by pushing **MULTI-CONTROL** up or down.

**7 Press MULTI-CONTROL to display entries.**

The display shows the first three Phone Book entries starting with that letter (e.g. "Ben", "Brian" and "Burt" when "B" is selected).

**8 Turn MULTI-CONTROL to select a phone book entry you want to store in the preset list.**

- You can also perform the same operation by pushing **MULTI-CONTROL** up or down.

**9 Press MULTI-CONTROL to display the phone number list of the selected entry.**

- You can also display the phone number list of the selected entry by pushing **MULTI-CONTROL** right.
- If several phone numbers are included in an entry, select one by turning **MULTI-CONTROL**.
- You can scroll literal information by pressing and holding **DISP**.
- If you want to go back and select another entry, push **MULTI-CONTROL** left.

**10 Press MULTI-CONTROL to store the phone number in the preset list.**

### Deleting preset numbers

**1 Press LIST to display DIAL PRESET (preset number list).**

Refer to *Using the phone number list* on page 35.

**2 Turn MULTI-CONTROL to switch preset numbers.**

- You can also change the preset phone number by pushing **MULTI-CONTROL** up or down.

**3 Press MULTI-CONTROL to select a preset phone number that you want to delete.**

**4 Press and hold MULTI-CONTROL to display MEMORY.**

Push **MULTI-CONTROL** up or down to switch **MEMORY** (memory) and **DELETE** (delete).

- About assigning , *Assigning preset numbers* on the previous page.

**5 Select DELETE and then press MULTI-CONTROL to delete the preset phone number.**

### Calling a number in the preset list

After finding the number you want to call in the preset list, you can select the entry and make a call.


**1 Press LIST to display DIAL PRESET (preset number list).**

Refer to *Using the phone number list* on page 35.

**2 Turn MULTI-CONTROL to select the phone number.**

- You can also change the phone number by pushing **MULTI-CONTROL** up or down.

**3 Press MULTI-CONTROL to make a call.**

**4 To end the call, press .**

## Operating this unit


### Assigning preset numbers by using MULTI-CONTROL

- 1 Push MULTI-CONTROL up or down to switch preset numbers.
- 2 Perform from step 4 to 10 of *Assigning preset numbers* on page 37.

### Assigning preset numbers by using remote control

- 1 Press thumb pad to display RECENT CALLS (call history list).
- 2 Push thumb pad up or down to select a phone number.
- 3 Press a number from 0 to 9 and hold to preset in memory.  
Preset number 10 is assigned to 0.

### Calling number in the preset list by using MULTI-CONTROL

- 1 Push MULTI-CONTROL up or down to switch preset numbers.
- 2 Press MULTI-CONTROL to make a call.
- 3 To end the call, press .

### Calling number in the preset list by using remote control

- 1 Push thumb pad up or down to select a preset phone number.
  - Pressing a number from 0 to 9 also recalls the preset phone number.
- 2 Press thumb pad to make a call.
  - Pressing OFF HOOK can also make a call.
- 3 To end the call, press ON HOOK.

### Introduction to advanced operations

- 1 Press MULTI-CONTROL to display the main menu.

- 2 Use MULTI-CONTROL to select FUNCTION.

The function menu is displayed.  
Turn to change the menu option. Press to select.

- 3 Turn MULTI-CONTROL to select the function.

PH BOOK DOWNLOAD (phone book download)—PH BOOK TRANSFER (phone book transfer)—AUTO CONNECT (automatic connection setting)—AUTO ANSWER (automatic answer setting)—ECHO CANCEL (echo cancel)—RING TONE (ring tone select)—NUMBER DIAL (call by entering number)—CLEAR MEMORY (clear memory)—PH. B. NAME VIEW (phone book name view)—MENU (menu language)—DEVICE INFO (device information)

#### If not connected yet

The following functions cannot be operated.

- PH BOOK DOWNLOAD (phone book download)
- ECHO CANCEL (echo cancel)
- NUMBER DIAL (call by entering number)
- CLEAR MEMORY (clear memory)
- PH. B. NAME VIEW (phone book name view)

#### If connected but not paired yet

The following functions cannot be operated.

- PH BOOK DOWNLOAD (phone book download)
- ECHO CANCEL (echo cancel)
- CLEAR MEMORY (clear memory)
- PH. B. NAME VIEW (phone book name view)



#### Notes

- To return to the playback display, press BAND.

## Operating this unit

- **DEVICE INFO** is the same as that of the Bluetooth audio. (Refer to *Displaying BD (Bluetooth Device) address* on page 29.)
- **PH. B. NAME VIEW** (phone book name view) cannot be selected for cellular phone registered guest phone.
- If cellular phone is connected to this unit via Bluetooth wireless technology with HFP (Hands-Free Profile), PBAP (Phone Book Access Profile) and SPP (Serial Port Profile), **PH BOOK DOWNLOAD** can be operated.
- If you do not operate functions other than **PH BOOK DOWNLOAD**, **PH BOOK TRANSFER**, and **NUMBER DIAL** within about 30 seconds, the display automatically returns to the ordinary display.

### Downloading phone books from your cellular phone

Phone books in your cellular phone can be downloaded and stored in this unit.

- Depending on the cellular phone, you cannot use this function.
- 400 entries for each user (max. 3 users) can be stored in the phone book. Each independent entry can hold three phone numbers and genres.

#### 1 Display the function menu.

Refer to *Introduction to advanced operations* on the previous page.

#### 2 Use MULTI-CONTROL to select PH BOOK DOWNLOAD.

#### 3 Press MULTI-CONTROL to enter in the phone book download standby mode.

Phone book downloading starts automatically.

- The display indicates how many entries have been transferred and the total number to be transferred.
- If the ID and the password are requested, refer to *Entering the ID and the password* on this page.

#### 4 DATA DOWNLOADED is displayed and phone book download is completed.

### Entering the ID and the password

If the ID and the password are requested, read the following instructions to enter the ID and the password.

- Up to 20 characters can be entered for the ID and up to 16 characters can be entered for the password.

#### 1 Press DISP to switch between alphabet and numbers.

Press **DISP** repeatedly to switch between the following character types:  
Alphabet—Numbers and symbols

#### 2 Push MULTI-CONTROL up or down to select a letter.

#### 3 Push MULTI-CONTROL left or right to move the cursor to the previous or next character position.

#### 4 Press MULTI-CONTROL to determine the ID and the password.

#### 5 After entering the ID and password, use your cellular phone to continue the procedure.

### Transferring entries to the phone book

Phone books in your cellular phone can be transferred to this unit by using your cellular phone.

- 400 entries for each user (max. 3 users) can be stored in the phone book. Each independent entry can hold three phone numbers and genres.

#### 1 Display the function menu.

Refer to *Introduction to advanced operations* on the previous page.

#### 2 Use MULTI-CONTROL to select PH BOOK TRANSFER.

#### 3 Press MULTI-CONTROL to enter the phone book transfer standby mode.



## Operating this unit

### 4 Use the cellular phone to perform phone book transfer.

Perform phone book transfer using the cellular phone. For detailed instructions, refer to the instruction manual that came with your cellular phone.

- Depending on the cellular phone, phone book can only be transferred one by one.
- The display indicates how many entries have been transferred and the total number to be transferred.

### 5 DATA TRANSFERRED is displayed and phone book transfer is completed.

## Setting the automatic connection

It is possible to set the automatic connection between your cellular phone and this unit. If this function is set to on, connection between your cellular phone and this unit will take place automatically as soon as the two devices are less than a few meters apart.

- With some cellular phones, it may not be possible to perform the automatic connection.

### 1 Display the function menu.

Refer to *Introduction to advanced operations* on page 39.

### 2 Use MULTI-CONTROL to select AUTO CONNECT.

### 3 Press MULTI-CONTROL to turn automatic connection on.

- To turn automatic connection off, press **MULTI-CONTROL** again.



#### Note

Automatic connection is performed in the registration number order.

## Setting automatic answering

### 1 Display the function menu.

Refer to *Introduction to advanced operations* on page 39.

### 2 Use MULTI-CONTROL to select AUTO ANSWER.

### 3 Press MULTI-CONTROL to turn automatic answering on.

- To turn automatic answering function off, press **MULTI-CONTROL** again.

## Echo canceling and noise reduction

### 1 Display the function menu.

Refer to *Introduction to advanced operations* on page 39.

### 2 Use MULTI-CONTROL to select ECHO CANCEL.

### 3 Push MULTI-CONTROL left or right to select the desired setting.

**OFF (off)—LOW—MID—HIGH**

- This function can be performed even while talking on the phone. In this case, press **MULTI-CONTROL** to switch to **ECHO CANCEL**.

## Switching the ring tone

### 1 Display the function menu.

Refer to *Introduction to advanced operations* on page 39.

### 2 Use MULTI-CONTROL to select RING TONE in the function menu.

### 3 Push MULTI-CONTROL left or right to select the desired setting.

**OFF (off)—BEEP1—BEEP2—BEEP3**

## Making a call by entering phone number



### Important

Be sure to park your vehicle and apply the parking brake when performing this operation.

#### 1 Display the function menu.

Refer to *Introduction to advanced operations* on page 39.

#### 2 Use MULTI-CONTROL to select NUMBER DIAL.

- You can also enter in this menu from the standby display by pressing **DIRECT** on the remote control.

#### 3 Push MULTI-CONTROL up or down to select a number.

- You can also input numbers by pressing **0** to **9** on the remote control.

#### 4 Push MULTI-CONTROL left or right to move the cursor to the previous or next position.

- Up to 24 digits can be entered.

#### 5 When you finish entering the number, press MULTI-CONTROL.

Call confirmation appears.

#### 6 Press MULTI-CONTROL again to make a call.

#### 7 To end the call, press

## Clearing memory

#### 1 Display the function menu.

Refer to *Introduction to advanced operations* on page 39.

#### 2 Use MULTI-CONTROL to select CLEAR MEMORY.

#### 3 Push MULTI-CONTROL up or down to select an item.

**PHONE BOOK** (phone book)—**ALL CLEAR** (delete all memory)—**DIAL PRESET** (preset

phone numbers)—**RECENT CALLS** (call history)

- If you want to clear the entire Phone Book, call history list and preset phone number, select **ALL CLEAR**.

#### 4 Push MULTI-CONTROL right to determine the item that you want to delete from this unit.

**CLEAR MEMORY: YES** is displayed. Clearing memory is now on standby.

- If you do not want to clear the memory that you have selected, push **MULTI-CONTROL** left. The display reverts to normal.

#### 5 Press MULTI-CONTROL to clear the memory.

**CLEARED** is displayed and data on the selected item is cleared from this unit's memory.

## Changing the phone book display order

#### 1 Display the function menu.

Refer to *Introduction to advanced operations* on page 39.

#### 2 Use MULTI-CONTROL to select PH. B. NAME VIEW.

**INVERT NAMES YES** is displayed.

#### 3 Press MULTI-CONTROL to change the name view order.

Pressing **MULTI-CONTROL** repeatedly changes the name view order between first and last name.

## Selecting menu language

Menu language related to Bluetooth audio/telephone can be changed.

- Some characters may not be displayed properly.

#### 1 Display the function menu.

Refer to *Introduction to advanced operations* on page 39.

#### 2 Use MULTI-CONTROL to select MENU.

## Operating this unit

3 Press **MULTI-CONTROL** to select the language.

**ENGLISH** (English)—**РУССКОЕ** (Russian)—

**ESPAÑOL** (Spanish)

## Introduction of audio adjustments



- ① Audio display  
Shows the audio adjustment status.

**1 Press MULTI-CONTROL to display the main menu.**

**2 Use MULTI-CONTROL to select AUDIO.**

Turn to change the menu option. Press to select.

The audio menu is displayed.

**3 Turn MULTI-CONTROL to select the audio function.**

Turn **MULTI-CONTROL** to switch between the audio functions in the following order.

**FADER/BALANCE** (balance adjustment)—**EQUALIZER** (graphic equalizer adjustment)—**G.EQ ADJUST** (7-band graphic equalizer adjustment)—**LOUDNESS** (loudness)—**SUB W1** (subwoofer on/off setting)—**SUB W2** (subwoofer setting)—**BASS BOOST** (bass boost)—**HIGH PASS FILTER** (high pass filter)—**SLA** (source level adjustment)

- You can also select the audio function by pressing **AUDIO** on the remote control.
- You can select the **SUB W2** only when subwoofer output is turned on in **SUB W1**.
- When selecting FM as the source, you cannot switch to **SLA**.
- To return to the display of each source, press **BAND**.
- If you do not operate functions except for **G.EQ ADJUST** within about 30 seconds, the display is automatically returned to the ordinary display.

## Using balance adjustment

You can change the fader/balance setting so that it can provide the ideal listening environment in all occupied seats.

**1 Display the audio menu.**

Refer to *Introduction of audio adjustments* on this page.

**2 Use MULTI-CONTROL to select FADER/BALANCE.**

**3 Push MULTI-CONTROL up or down to adjust front/rear speaker balance.**

Each time **MULTI-CONTROL** is pushed up or down, the front/rear speaker balance moves towards the front or rear.

**F 15 to R 15** is displayed as the front/rear speaker balance moves from front to rear.

- **0** is the proper setting when only two speakers are used.
- When the rear output setting is **REAR SP:S/W**, you cannot adjust front/rear speaker balance. Refer to *Setting the rear output and subwoofer controller* on page 49.

**4 Push MULTI-CONTROL left or right to adjust left/right speaker balance.**

Each time **MULTI-CONTROL** is pushed left or right, the left/right speaker balance moves towards the left or right.

**L 15 to R 15** is displayed as the left/right speaker balance moves from left to right.

## Using the equalizer

The equalizer lets you adjust the equalization to match the car's interior acoustic characteristics as desired.

## Recalling equalizer curves

There are seven stored equalizer curves which you can easily recall at any time. Here is a list of the equalizer curves.

# Audio Adjustments

Display	Equalizer curve
POWERFUL	Powerful
NATURAL	Natural
VOCAL	Vocal
CUSTOM1	Custom 1
CUSTOM2	Custom 2
FLAT	Flat
S.BASS	Super bass

- **CUSTOM1** and **CUSTOM2** are adjusted equalizer curves that you create. Adjustments can be made with a 7-band graphic equalizer.
- When **FLAT** is selected, no supplement or correction is made to the sound. This is useful to check the effect of the equalizer curves by switching alternatively between **FLAT** and a set equalizer curve.

## 1 Display the audio menu.

Refer to *Introduction of audio adjustments* on the previous page.

## 2 Use MULTI-CONTROL to select the graphic equalizer adjustment.

**EQUALIZER** appears in the display.

If the equalizer curve has been previously selected, the curve of that previously selected will be displayed instead of **EQUALIZER**.

## 3 Push MULTI-CONTROL left or right to select an equalizer curve.

Each time **MULTI-CONTROL** is pushed left or right, equalizer curves are selected in the following order:

**POWERFUL—NATURAL—VOCAL—CUSTOM1—CUSTOM2—FLAT—S.BASS**

## Adjusting equalizer curves

The factory supplied equalizer curves, with the exception of **FLAT**, can be adjusted to a fine degree (nuance control).

## 1 Recall the equalizer curve you want to adjust.

See *Recalling equalizer curves* on the previous page.

## 2 Push MULTI-CONTROL up or down to adjust the equalizer curve.

Each time **MULTI-CONTROL** is pushed up or down, the equalizer curve increases or decreases respectively.

**+6** to **-4** (or **-6**) is displayed as the equalizer curve is increased or decreased.

- The actual range of the adjustments are different depending on which equalizer curve is selected.
- The equalizer curve with all frequencies set to **0** cannot be adjusted.

## Adjusting 7-band graphic equalizer

For **CUSTOM1** and **CUSTOM2** equalizer curves, you can adjust the level of each band.

- A separate **CUSTOM1** curve can be created for each source. (The built-in CD player and the multi-CD player are set to the same equalizer adjustment setting automatically.) If you make adjustments when a curve other than **CUSTOM2** is selected, the equalizer curve settings will be memorized in **CUSTOM1**.
- A **CUSTOM2** curve can be created common to all sources. If you make adjustments when the **CUSTOM2** curve is selected, the **CUSTOM2** curve will be updated.

## 1 Recall the equalizer curve you want to adjust.

See *Recalling equalizer curves* on the previous page.

## 2 Use MULTI-CONTROL to select G.EQ ADJUST.

Frequency and the level (e.g., **50HZ :+4**) appears in the display.

## Audio Adjustments

### 3 Push **MULTI-CONTROL** left or right to select the equalizer band to adjust.

Each time **MULTI-CONTROL** is pushed left or right, equalizer bands are selected in the following order:

**50HZ—125HZ—315HZ—800HZ—2KHZ—5KHZ—12.5KHZ**

### 4 Push **MULTI-CONTROL** up or down to adjust the level of the equalizer band.

Each time **MULTI-CONTROL** is pushed up or down, the level of the equalization band increases or decreases.

**+6** to **-6** is displayed as the level is increased or decreased.

- You can then select another band and adjust the level.

### 5 Press **BAND** to cancel the 7-band graphic equalizer adjustment.

## Adjusting loudness

Loudness compensates for deficiencies in the low- and high-sound ranges at low volume.

### 1 Display the audio menu.

Refer to *Introduction of audio adjustments* on page 44.

### 2 Use **MULTI-CONTROL** to select **LOUDNESS**.


### 3 Press **MULTI-CONTROL** to turn loudness on.

Loudness level (e.g., **MID**) appears in the display.

- To turn loudness off, press **MULTI-CONTROL** again.

### 4 Push **MULTI-CONTROL** left or right to select a desired level.

Each time **MULTI-CONTROL** is pushed left or right, level is selected in the following order:

**LOW** (low)—**MID** (mid)—**HIGH** (high) 

## Using subwoofer output

This unit is equipped with a subwoofer output which can be turned on or off.

### 1 Display the audio menu.

Refer to *Introduction of audio adjustments* on page 44.

### 2 Use **MULTI-CONTROL** to select **SUB W1**.

### 3 Press **MULTI-CONTROL** to turn subwoofer output on.

**NORMAL** appears in the display. Subwoofer output is now on.

- To turn subwoofer output off, press **MULTI-CONTROL** again.

### 4 Push **MULTI-CONTROL** left or right to select the phase of subwoofer output.

Push **MULTI-CONTROL** left to select reverse phase and **REVERSE** appears in the display.

Push **MULTI-CONTROL** right to select normal phase and **NORMAL** appears in the display.

## Adjusting subwoofer settings

When the subwoofer output is on, you can adjust the cut-off frequency and the output level of the subwoofer.

Only frequencies lower than those in the selected range are outputted from the subwoofer.

- When the subwoofer output is on, you can select **SUB W2**.

### 1 Display the audio menu.

Refer to *Introduction of audio adjustments* on page 44.


### 2 Use **MULTI-CONTROL** to select **SUB W2**.

### 3 Push **MULTI-CONTROL** left or right to select cut-off frequency.

Each time **MULTI-CONTROL** is pushed left or right, cut-off frequencies are selected in the following order:

**50HZ—63HZ—80HZ—100HZ—125HZ**

## Audio Adjustments


**4 Push MULTI-CONTROL up or down to adjust the output level of the subwoofer.**  
Each time **MULTI-CONTROL** is pushed up or down, subwoofer level increases or decreases. **+6** to **-24** is displayed as the level is increased or decreased. 

### Boosting the bass

Bass boost function boosts the bass level of sound.

**1 Display the audio menu.**  
Refer to *Introduction of audio adjustments* on page 44.

**2 Use MULTI-CONTROL to select BASS BOOST.**

**3 Push MULTI-CONTROL up or down to select a desired level.**  
**0** to **+6** is displayed as the level is increased or decreased. 

### Using the high pass filter

When you do not want low sounds from the subwoofer output frequency range to play from the front or rear speakers, turn on the HPF (high pass filter). Only frequencies higher than those in the selected range are output from the front or rear speakers.


**1 Display the audio menu.**  
Refer to *Introduction of audio adjustments* on page 44.

**2 Use MULTI-CONTROL to select HIGH PASS FILTER.**

**3 Press MULTI-CONTROL to turn high pass filter on.**  
**80HZ** appears in the display. High pass filter is now on.  

- If the high pass filter has been previously adjusted, the frequency of that previously selected will be displayed instead of **80HZ**.

▪ To turn high pass filter off, press **MULTI-CONTROL** again.

**4 Push MULTI-CONTROL left or right to select cut-off frequency.**  
Each time **MULTI-CONTROL** is pushed left or right, cut-off frequencies are selected in the following order:  
**50HZ—63HZ—80HZ—100HZ—125HZ** 

### Adjusting source levels

Source level adjustment (**SLA**) lets you adjust the volume level of each source to prevent radical changes in volume when switching between sources.

- Settings are based on the FM volume level, which remains unchanged.


**1 Compare the FM volume level with the level of the source you wish to adjust.**

**2 Display the audio menu.**  
Refer to *Introduction of audio adjustments* on page 44.

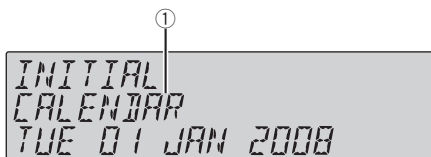
**3 Use MULTI-CONTROL to select SLA.**

**4 Push MULTI-CONTROL up or down to adjust the source volume.**  
Each time **MULTI-CONTROL** is pushed up or down, source volume increases or decreases. **+4** to **-4** is displayed as the source volume is increased or decreased.

#### Notes

- The AM volume level can also be adjusted with source level adjustments.
- The built-in CD player and the multi-CD player are set to the same source level adjustment volume automatically.
- External unit 1 and external unit 2 are set to the same source level adjustment volume automatically.
- XM tuner and SIRIUS tuner are set to the same source level adjustment volume automatically. 

## Adjusting initial settings



Using the initial settings, you can customize various system settings to achieve optimal performance from this unit.

- ① Function display
- Shows the function status.

**1 Press SOURCE and hold until the unit turns off.**

**2 Press MULTI-CONTROL and hold until the initial setting menu appears in the display.**

**3 Turn MULTI-CONTROL to select one of the initial settings.**

Turn **MULTI-CONTROL** to switch between the functions in the following order.

**CALENDAR** (calendar)—**CLOCK** (clock)—**AUX1** (auxiliary input 1)—**AUX2** (auxiliary input 2)—**DIMMER** (dimmer)—**S/W CONTROL** (rear output and subwoofer controller)—**MUTE** (sound muting/attenuation)—**BUILT-IN AMP** (power amp setting)—**DEMONSTRATION** (feature demo)—**EVER-SCROLL** (ever scroll)—**BT AUDIO** (Bluetooth audio)—**PIN CODE INPUT** (pin code input)—**EDIT DEVICE NAME** (device name edit)—**BT VERSION INFO.** (Bluetooth version information)—**BT RESET** (Bluetooth reset)—**SOFTWARE UPDATE** (software update)

Use the following instructions to operate each particular setting.

- You can also select the function by pressing **FUNCTION** on the remote control.
- To cancel initial settings, press **BAND**.

## Setting the date

The calendar display adjusted in this mode appears when the telephone source is selected or sources and the feature demo are off.

**1 Display the initial setting menu.**

Refer to *Adjusting initial settings* on this page.

**2 Use MULTI-CONTROL to select CALENDAR.**

**3 Push MULTI-CONTROL left or right to select the segment of the calendar display you wish to set.**

Pushing **MULTI-CONTROL** left or right will select one segment of the calendar display: Day—Month—Year

As you select segments of the calendar display the segment selected will blink.

**4 Push MULTI-CONTROL up or down to set the date.**

Pushing **MULTI-CONTROL** up will increase the selected day, month or year. Pushing **MULTI-CONTROL** down will decrease the selected day, month or year.

## Setting the clock

Use these instructions to set the clock.

**1 Display the initial setting menu.**

Refer to *Adjusting initial settings* on this page.

**2 Use MULTI-CONTROL to select CLOCK.**

**3 Push MULTI-CONTROL left or right to select the segment of the clock display you wish to set.**

Pushing **MULTI-CONTROL** left or right will select one segment of the clock display: Hour—Minute

As you select segments of the clock display, the selected segment blinks.


**4 Push MULTI-CONTROL up or down to put a clock right.**



## Initial Settings

### Note

You can match the clock to a time signal by pressing **MULTI-CONTROL**.

- If **00** to **29**, the minutes are rounded down. (e.g., **10:18** becomes **10:00**.)
- If **30** to **59**, the minutes are rounded up. (e.g., **10:36** becomes **11:00**.) 

## Switching the auxiliary setting


Auxiliary devices connected to this unit can be activated individually. Set each AUX source to ON when using. For more information about connecting or using auxiliary devices, refer to *Using the AUX source* on page 53.

### 1 Display the initial setting menu.

Refer to *Adjusting initial settings* on the previous page.

### 2 Use **MULTI-CONTROL** to select **AUX1/AUX2**.

### 3 Press **MULTI-CONTROL** to turn **AUX1/AUX2** on.

- To turn AUX off, press **MULTI-CONTROL** again. 

## Switching the dimmer setting


To prevent the display from being too bright at night, the display is automatically dimmed when the car's headlights are turned on. You can turn the dimmer on or off.

### 1 Display the initial setting menu.

Refer to *Adjusting initial settings* on the previous page.

### 2 Use **MULTI-CONTROL** to select **DIMMER**.

### 3 Press **MULTI-CONTROL** to turn dimmer on.

- To turn dimmer off, press **MULTI-CONTROL** again. 

## Setting the rear output and subwoofer controller

This unit's rear output (rear speaker leads output and RCA rear output) can be used for full-range speaker (**REAR SP:FULL**) or subwoofer (**REAR SP:S/W**) connection. If you switch the rear output setting to **REAR SP:S/W**, you can connect a rear speaker lead directly to a subwoofer without using an auxiliary amp. Initially, the unit is set for rear full-range speaker connection (**REAR SP:FULL**).

### 1 Display the initial setting menu.

Refer to *Adjusting initial settings* on the previous page.


### 2 Use **MULTI-CONTROL** to select **S/W CONTROL**.

### 3 Press **MULTI-CONTROL** to switch the rear output setting.

Pressing **MULTI-CONTROL** will switch between **REAR SP:FULL** (full-range speaker) and **REAR SP:S/W** (subwoofer) and that status will be displayed.

- When no subwoofer is connected to the rear output, select **REAR SP:FULL** (full-range speaker).
- When a subwoofer is connected to the rear output, select **REAR SP:S/W** (subwoofer).

### Notes

- Even if you change this setting, there is no output unless you turn the subwoofer output on (refer to *Using subwoofer output* on page 46).
- If you change this setting, subwoofer output in the audio menu return to the factory settings.
- Both rear speaker lead outputs and RCA rear output are switched simultaneously in this setting. 

## Switching the sound muting/attenuation

Sound from this system is muted or attenuated automatically when the signal from the equipment with mute function is received.


- The sound is muted or attenuated, **TEL MUTE** or **TEL ATT** are displayed and no audio adjustment is possible.
- Sound from this system returns to normal when the muting or attenuation is canceled.

### 1 Display the initial setting menu.

Refer to *Adjusting initial settings* on page 48.

### 2 Use **MULTI-CONTROL** to select **MUTE**.

### 3 Press **MULTI-CONTROL** to switch the telephone muting/attenuation.

Pressing **MULTI-CONTROL** will switch between **TEL ATT** (attenuation) and **TEL MUTE** (muting) and that status will be displayed. 

## Setting the internal power amplifier


This unit features high power amplifier. However, in particular system, external amplifiers are used instead of internal amplifier. If you use external amplifiers in order to establish a multi-amp system, and don't use internal amplifier, it is recommended to turn off the internal amplifier. Turning off internal amplifier reduces the noise that comes from the behavior of internal amplifier.

### 1 Display the initial setting menu.

Refer to *Adjusting initial settings* on page 48.

### 2 Use **MULTI-CONTROL** to select **BUILT-IN AMP**.

### 3 Press **MULTI-CONTROL** to turn the internal power amplifier on.

- To turn the internal power amplifier off, press **MULTI-CONTROL** again. 

## Switching the feature demo

The feature demo automatically starts when power to this unit is turned off while the ignition switch is set to ACC or ON.

### 1 Display the initial setting menu.

Refer to *Adjusting initial settings* on page 48.


### 2 Use **MULTI-CONTROL** to select **DEMONSTRATION**.

### 3 Press **MULTI-CONTROL** to turn the feature demo on.

- To turn the feature demo off, press **MULTI-CONTROL** again.



#### Notes

- Remember that if the feature demo continues operating when the car engine is turned off, it may drain battery power.
- You can also turn on or off feature demo by pressing **DISP** while this unit is turned off. For more details, see *About the demo mode* on page 9. 

## Switching the ever scroll


When ever scroll is set to on, CD text information scrolls continuously in the display. Set to off if you prefer the information to scroll just once.

### 1 Display the initial setting menu.

Refer to *Adjusting initial settings* on page 48.

### 2 Use **MULTI-CONTROL** to select **EVER-SCROLL**.

### 3 Press **MULTI-CONTROL** to turn the ever scroll on.

- To turn the Ever Scroll off, press **MULTI-CONTROL** again. 

## Initial Settings

### Activating the BT AUDIO source

You need to activate the **BT AUDIO** source in order to use a Bluetooth audio player.

#### 1 Display the initial setting menu.

Refer to *Adjusting initial settings* on page 48.

#### 2 Use **MULTI-CONTROL** to select **BT AUDIO**.

#### 3 Press **MULTI-CONTROL** to turn the **BT AUDIO** source on.

- To turn the **BT AUDIO** source off, press **MULTI-CONTROL** again. 

### Entering PIN code for Bluetooth wireless connection

To connect your cellular phone to this unit via Bluetooth wireless technology, you need to enter PIN code on your phone to verify the connection. The default code is **0000**, but you can change this in this function.

- With some Bluetooth audio players, you may be required to enter the Bluetooth audio player PIN code in advance to set this unit for a connection.

#### 1 Display the initial setting menu.

Refer to *Adjusting initial settings* on page 48.

#### 2 Use **MULTI-CONTROL** to select **PIN CODE INPUT**.


#### 3 Push **MULTI-CONTROL** up or down to select a number.

#### 4 Push **MULTI-CONTROL** left or right to move the cursor to the previous or next position.

#### 5 After inputting PIN code (up to 16 digits), press **MULTI-CONTROL**.

PIN code can be stored in memory.

When you press **MULTI-CONTROL** again on the same display, the PIN code you entered is stored in this unit.

- Pushing **MULTI-CONTROL** right in the confirmation display returns you to the PIN code input display, and you can change the PIN code.
- If an invalid character has been entered in the beginning, PIN code cannot be stored in memory. 

### Editing device name

You can edit the device name.

The device name is set to **PIONEER W-DIN BT** as default.

#### 1 Display the initial setting menu.

Refer to *Adjusting initial settings* on page 48.

#### 2 Use **MULTI-CONTROL** to select **EDIT DEVICE NAME**.

#### 3 Press **DISP** to select the desired character type.

Press **DISP** repeatedly to switch between the following character types:


Alphabet—Numbers

#### 4 Push **MULTI-CONTROL** up or down to select a letter of the alphabet.

#### 5 Push **MULTI-CONTROL** left or right to move the cursor to the previous or next character position.

#### 6 Move the cursor to the last position by pushing **MULTI-CONTROL** right after entering the device name.

Push **MULTI-CONTROL** right again to store the device name in memory temporarily.

- Pressing **MULTI-CONTROL** can also store the device name in memory temporarily. In this method, cursor doesn't need to be the last position.
- If an invalid character has been entered, subsequent characters are not displayed.
- If an invalid character has been entered in the beginning, device name cannot be stored in memory. 

## Displaying system version for repair

Should this unit fails to operate properly and you consult your dealer for repair, you may be asked to indicate the system versions of this unit and of Bluetooth module. You can display the versions and confirm them.

### 1 Display the initial setting menu.

Refer to *Adjusting initial settings* on page 48.

### 2 Use MULTI-CONTROL to select BT VERSION INFO.

The system (microprocessor) version of this unit is displayed.

### 3 Push MULTI-CONTROL left to switch to the version of the Bluetooth module of this unit.

- Pushing **MULTI-CONTROL** right returns to the system version of this unit. 

## Resetting the Bluetooth wireless technology module

Bluetooth telephone and Bluetooth Audio data can be deleted. To protect personal information, we recommend deleting this data before transferring the unit to other persons. The following settings will be deleted.

- phone book entries on the Bluetooth telephone
- preset numbers on the Bluetooth telephone
- registration assignment of Bluetooth telephone
- call history of Bluetooth telephone
- history of the most recently connected Bluetooth audio

### 1 Display the initial setting menu.

Refer to *Adjusting initial settings* on page 48.

### 2 Use MULTI-CONTROL to select BT RESET.

### 3 Push MULTI-CONTROL right to show a confirmation display.

**CLEAR MEMORY YES** is displayed. Clearing memory is now on standby.

- If you do not want to reset phone memory, push **MULTI-CONTROL** left. The display reverts.

### 4 Press MULTI-CONTROL to clear the memory.

## Updating the software about Bluetooth connection

This function is used to update this unit with the latest software. For about software and updating, refer to our website.


### 1 Display the initial setting menu.

Refer to *Adjusting initial settings* on page 48.

### 2 Use MULTI-CONTROL to select SOFTWARE UPDATE.

### 3 Push MULTI-CONTROL up or down to select a appropriate group.

### 4 Press MULTI-CONTROL to display the data transfer mode.

- To finish the updating, follow the on-screen instructions. 

## Other Functions

### Using the AUX source

Up to two auxiliary devices such as VCR or portable devices (sold separately) can be connected to this unit. When connected, auxiliary devices are automatically read as AUX sources and assigned to **AUX1** or **AUX2**. The relationship between **AUX1** and **AUX2** sources is explained below.

### About AUX1 and AUX2

There are two methods to connect auxiliary devices to this unit.

#### AUX1 source:

*When connecting auxiliary device using a stereo mini plug cable*

- **Insert the stereo mini plug into the input jack on this unit.**

For more details, refer to the installation manual.

This auxiliary device is automatically set to **AUX1**.

#### AUX2 source:

*When connecting auxiliary device using an IP-BUS-RCA Interconnector (sold separately)*

- **Use an IP-BUS-RCA Interconnector such as the CD-RB20/CD-RB10 (sold separately) to connect this unit to auxiliary device featuring RCA output.**

For more details, refer to the IP-BUS-RCA Interconnector owner's manual.

This auxiliary device is automatically set to **AUX2**.

- You can only make this type of connection if the auxiliary device has RCA outputs.

### Selecting AUX as the source


- **Press SOURCE to select AUX as the source.**
  - If the auxiliary setting is not turned on, **AUX** cannot be selected. For more details, see *Switching the auxiliary setting* on page 49.

### Setting the AUX title

The title displayed for the **AUX1** or **AUX2** source can be changed.

- 1 After you have selected AUX as the source, use MULTI-CONTROL and select FUNCTION to display TITLE INPUT.**

- 2 Enter a title in the same way as the built-in CD player.**

For details concerning operation, refer to *Entering disc titles* on page 20. 

### Using the external unit

External unit refers to a Pioneer product (such as ones available in the future) that, although incompatible as a source, enables control of basic functions with this unit. Two external units can be controlled with this unit. When two external units are connected, the external unit is automatically allocated to external unit 1 or external unit 2 by this unit.

Basic operations of the external unit are explained below. Allocated functions are different depending on the connected external unit. For details concerning functions, refer to external unit's owner's manual.

### Selecting the external unit as the source

- **Press SOURCE to select EXTERNAL as the source.**

## Basic operation

Functions allocated to the following operations are different depending on the connected external unit. For details concerning functions, refer to the connected external unit's owner's manual.

- Press **BAND**.
- Press and hold **BAND**.
- Push **MULTI-CONTROL** left or right.
- Push and hold **MULTI-CONTROL** left or right.
- Push **MULTI-CONTROL** up or down.
- Press any of 1 to 6 on the remote control.

## Advanced operations

1 Press **MULTI-CONTROL** to display the main menu.

2 Use **MULTI-CONTROL** to select **FUNCTION**.

Turn to change the menu option. Press to select.

3 Turn **MULTI-CONTROL** to select the function.

**FUNCTION1** (function 1)—**FUNCTION2** (function 2)—**FUNCTION3** (function 3)—**FUNCTION4** (function 4)—**AUTO/MANUAL** (auto/manual)

- You can also turn **FUNCTION1** on or off by pressing **PGM** on the remote control.



### Notes

- You can also select the function by pressing **FUNCTION** on the remote control.
- To return to the ordinary display, press **BAND**. □

## Turning the clock display on or off

You can turn the clock display on or off.

- Even when the sources and the feature demo are off, the clock display appears on the display.

● Press **CLOCK** to turn the clock display on or off.

Each press of **CLOCK** turns the clock display on or off.

- The clock display disappears temporarily when you perform other operations, but the clock display appears again after 4 seconds. □

## Switching the display indication and button illumination

Display indication and button illumination can be switched on or off.

● Press and hold **DISP OFF**.

Pressing and holding **DISP OFF** switches the display indication and button illumination on or off.

- While the display indication is turned off, **CLOCK/DISP OFF** button lights up.
- Even if the display indication is turned off, operation can be conducted. If operation is conducted while the display indication is off, display will light up for a few seconds and then turn off again. □

## Using the PGM button

You can operate the preprogrammed functions for each source by using **PGM** on the remote control.

● Press **PGM** to turn pause on when selecting the following sources:

- **COMPACT DISC** – Built-in CD player
- **MULTI CD** – Multi-CD player

## Other Functions

- **USB** – USB portable audio player/USB memory
- **IPOD** – iPod
- **BT AUDIO** – Bluetooth audio player
- **DVD** – DVD player/multi-DVD player
- To turn pause off, press **PGM** again.

- **Press PGM and hold to turn BSM on when selecting tuner or HD Radio as the source.**

Press **PGM** and hold until the BSM turns on.

- To cancel the storage process, press **PGM** again.

- **Press PGM and hold to turn BSSM on when selecting television as the source.**

Press **PGM** and hold until the BSSM turns on.


- To cancel the storage process, press **PGM** again.

- **Press PGM to select the desired channel select setting when selecting XM or SIRIUS as the source.**

Press **PGM** repeatedly to switch between the following channel select settings:

**CHANNEL NUMBER** (channel number select setting)—**CATEGORY** (channel category select setting)

- **Press PGM to turn FUNCTION1 (function 1) on when selecting external unit as the source.**

- To turn **FUNCTION1** (function 1), press **PGM** again.
- Function allocated **FUNCTION1** (function 1) is different depending on the connected external unit. 

## Playing songs on iPod

### Basic operation

You can use this unit to control an interface adapter for iPod, which is sold separately.



- ① Song number indicator
- ② Play time indicator

- **Fast forward or reverse**

Push and hold **MULTI-CONTROL** left or right.

- **Select a track**

Push **MULTI-CONTROL** left or right.

### Notes

- Read the precautions for iPod on page 78.
- While iPod is connected to this unit, **PIONEER** (or ✓ (check mark)) is displayed on the iPod.
- If an error message is displayed, refer to *Error messages* on page 73.
- When the ignition switch is set to ACC or ON, the iPod's battery is charged while the iPod is connected to this unit.
- While the iPod is connected to this unit, the iPod cannot be turned on or off.
- Before connecting the dock connector of this unit to the iPod, disconnect the headphones from the iPod.
- The iPod is turned off about two minutes after the ignition switch is set to OFF.

## Displaying text information on iPod

The operation is the same as that of the iPod connected to USB interface of this unit. (Refer to *Displaying text information on iPod* on page 24.)

## Browsing for a song

The operation is the same as that of the iPod connected to USB interface of this unit. (Refer to *Searching songs by category* on page 23.) However, the selectable categories are slightly different. Selectable categories are **PLAYLISTS** (playlists)—**ARTISTS** (artists)—**ALBUMS** (albums)—**SONGS** (songs)—**GENRES** (genres)

## Introduction to advanced operations

### 1 Press **MULTI-CONTROL** to display the main menu.

### 2 Use **MULTI-CONTROL** to select **FUNCTION**.

Turn to change the menu option. Press to select.

The function menu is displayed.

### 3 Turn **MULTI-CONTROL** to select the function.

**PLAY MODE** (repeat play)—**SHUFFLE MODE** (shuffle)—**PAUSE** (pause)

## Function and operation

**PLAY MODE** and **PAUSE** operations are basically the same as that of the built-in CD player.

Function name	Operation
<b>PLAY MODE</b>	<p>Refer to <i>Selecting a repeat play range</i> on page 19.</p> <p>However, the repeat play ranges you can select are different from that of the built-in CD player. The repeat play ranges of the iPod are:</p> <ul style="list-style-type: none"> <li>• <b>REPEAT ONE</b> – Repeat the current song</li> <li>• <b>REPEAT ALL</b> – Repeat all songs in the selected list</li> </ul>
<b>PAUSE</b>	<p>Refer to <i>Pausing playback</i> on page 19.</p>



## Available accessories



### Notes

- You can also select the function by pressing **FUNCTION** on the remote control.
- To return to the ordinary display, press **BAND**.
- If you do not operate functions within about 30 seconds, the display automatically returns to the ordinary display.


## Playing songs in a random order (shuffle)

- Press **⌘** repeatedly to select the desired setting.

- **SHUFFLE SONGS** – Play back songs in the selected list in random order.
- **SHUFFLE ALBUMS** – Play back songs from a randomly selected album in order.
- **SHUFFLE OFF** – Cancel random play.



### Note

You can also turn this function on in the menu that appears by using **MULTI-CONTROL**. 

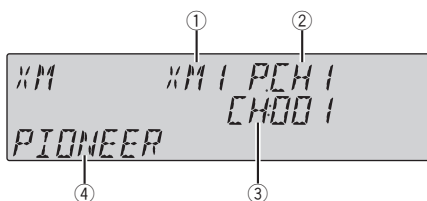
## XM tuner

### Listening to XM Satellite Radio

You can use this unit to control an XM satellite digital tuner (GEX-P920XM), which is sold separately.

For details concerning operation, refer to the XM tuner's operation manuals. This section provides information on XM operations with this unit which differs from that described in the XM tuner's operation manual.

- With this unit, you can operate two additional functions: XM channel direct selection and preset channel list.



- ① XM band indicator
- ② XM preset number indicator
- ③ XM channel number indicator
- ④ XM text information  
Shows the text information of broadcast channel.

- **Select an XM band.**

Press **BAND**.

- Band can be selected from **XM1**, **XM2** or **XM3**.

- **Select a channel.**

Push **MULTI-CONTROL** left or right.

- If you push and hold **MULTI-CONTROL** left or right, you can increase or decrease channel number continuously.
- You can also perform tuning from a desired channel category. (Refer to *Selecting a channel in the channel category* on page 59.)

## Selecting an XM channel directly

When using the remote control, you can select the XM channel directly by entering the desired channel number.

### 1 Press DIRECT.

Channel number input display appears.

### 2 Press 0 to 9 to enter the desired channel number.

- You can cancel the input number by pressing **CLEAR**.

### 3 Press DIRECT.

The XM channel of entered number is selected.

- After entering the number input mode, if you do not perform an operation within about eight seconds, the mode is automatically canceled.

## Switching the XM display

### ● Press DISP to switch the XM display.

- You can scroll the text information to the left by pressing and holding **DISP**.

## Storing and recalling broadcast stations

You can easily store up to six broadcast stations for later recall.

- Six stations for each band can be stored in memory.

### 1 Press LIST.

Preset screen is displayed.

### 2 Use MULTI-CONTROL to store the selected station in memory.

Turn to change the preset number. Press and hold to store.

The XM preset number you have selected will flash and then remain lit. The selected station has been stored in memory.

### 3 Use MULTI-CONTROL to select the desired station.

Turn to change the station; press to select.

- You can also change the station by pushing **MULTI-CONTROL** up or down.
- If you do not operate the list within about 30 seconds, the display is automatically returned to the ordinary display.

## Using the remote control

### ● When you find a station that you want to store in memory, press one of preset tuning buttons 1 to 6 and hold until the XM preset number stops flashing.

The number you have pressed will flash in the XM preset number indicator and then remain lit. The selected station has been stored in memory.

The next time you press the same preset tuning button the station is recalled from memory.

- You can also recall stations assigned to preset tuning numbers by pushing **MULTI-CONTROL** up or down.

## Switching the XM channel select mode

You have two methods for selecting a channel: by number and by category. When selecting by number, channels in any category can be selected. Select by category to narrow your search down to only channels in a particular category.

- Press **SAT MODE** repeatedly to select the desired channel select setting. **CHANNEL NUMBER** (channel number select setting)—**CATEGORY** (channel category select setting)



### Note

You can also perform this operation in the menu that appears by using **MULTI-CONTROL**.

## Available accessories

### Selecting a channel in the channel category

#### 1 Select the channel select settings to CATEGORY.

Refer to *Switching the XM channel select mode* on the previous page.

#### 2 Push MULTI-CONTROL up or down to select the desired channel category.

#### 3 Push MULTI-CONTROL left or right to select the desired channel in the selected channel category.


### Displaying the Radio ID

#### Channel number select setting

#### 1 Select the channel select settings to CHANNEL NUMBER.

Refer to *Switching the XM channel select mode* on the previous page.

#### 2 Push MULTI-CONTROL left or right to select RADIO ID.

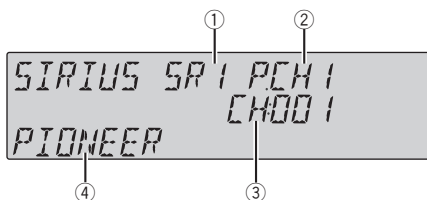
- If you select another channel, display of the ID code is canceled.
- Display of the ID code repeats displaying **RADIO ID** and the ID code one after the other. 

## SIRIUS Satellite Radio tuner

### Listening to SIRIUS Satellite Radio

You can use this unit to control a SIRIUS Satellite Radio tuner, which is sold separately.

When the SIRIUS tuner is used together with this unit, some operations differ slightly from those described in the SIRIUS operation manual. This manual provides information on these points. For all other information on using the SIRIUS tuner, please refer to the SIRIUS operation manual.



- ① SIRIUS band indicator
- ② SIRIUS preset number indicator
- ③ SIRIUS channel number indicator
- ④ SIRIUS channel name  
Shows the channel name of broadcast channel.

#### ● Select a SIRIUS band.

Press **BAND**.

- Band can be selected from **SR1**, **SR2** or **SR3**.

#### ● Select a channel.

Push **MULTI-CONTROL** left or right.

- If you push and hold **MULTI-CONTROL** left or right, you can increase or decrease channel number continuously.
- You can also perform tuning from a desired channel category. (Refer to *Selecting a channel in the channel category* on page 61.)



#### Note

It may take a few seconds before you can hear anything while this unit acquires and processes the satellite signal when you change the source to SIRIUS tuner or select a channel.

## Selecting a SIRIUS channel directly

When using the remote control, you can select the SIRIUS channel directly by entering the desired channel number.

### 1 Press DIRECT.

Channel number input display appears.

### 2 Press 0 to 9 to enter the desired channel number.

- You can cancel the input number by pressing **CLEAR**.

### 3 Press DIRECT.

The SIRIUS channel of entered number is selected.

- After entering the number input mode, if you do not perform an operation within about eight seconds, the mode is automatically canceled.

## Switching the SIRIUS display

### ● Press DISP to switch the SIRIUS display.

Each press of **DISP** changes the SIRIUS display in the following order:

Play time—Channel number—Channel name—Category name—Artist name—Song title/program title—Composer name

- Play time is displayed during the Instant Replay mode. Refer to *Using Instant Replay function* on page 62.
- Play time display indicates the time inverted from the live broadcast. Play time is displayed in negative number.

## Storing and recalling broadcast stations

You can easily store up to six broadcast stations for later recall.

- Only the remote control can operate this function.
- Six stations for each band can be stored in memory.

### ● When you find a station that you want to store in memory press one of preset tuning buttons 1 to 6 and hold until the SIRIUS preset number stops flashing.

The number you have pressed will flash in the SIRIUS preset number indicator and then remain lit. The selected station has been stored in memory.

The next time you press the same preset tuning button the station is recalled from memory.

- You can also recall stations assigned to preset tuning numbers by pushing **MULTI-CONTROL** up or down.

## Introduction of advanced operations

### 1 Press MULTI-CONTROL to display the main menu.

### 2 Use MULTI-CONTROL to select FUNCTION.

The function selection menu is displayed. Turn to change the menu option. Press to select.

### 3 Turn MULTI-CONTROL to select the function.

**CHANNEL MODE** (channel select mode setting)—**GAME ALERT** (game alert setting)—**TEAM SETTING** (team setting)—**GAME INFO** (game info)—**PAUSE** (pause)



### Notes

- You can also select the function by pressing **FUNCTION** on the remote control.
- To return to the ordinary display, press **BAND**.
- If you do not operate functions within about 30 seconds, the display is automatically returned to the ordinary display.
- During the Instant Replay mode, you can select **PAUSE** (pause). Refer to *Using Instant Replay function* on page 62.
- **PAUSE** is the same as that of the built-in CD player. (Refer to *Pausing playback* on page 19.)

## Available accessories

### Selecting the SIRIUS channel select mode

You have two methods for selecting a channel: by number and by category. When selecting by number, channels in any category can be selected. Select by category to narrow your search down to only channels in a particular category.

- **Press SAT MODE repeatedly to select the desired channel select setting.** CHANNEL NUMBER (channel number select setting)—CATEGORY (channel category select setting)



#### Note

You can also perform this operation in the menu that appears by using **MULTI-CONTROL**.

### Selecting a channel in the channel category

- 1 Select the channel select settings to CATEGORY.**

Refer to *Selecting the SIRIUS channel select mode* on this page.

- 2 Push MULTI-CONTROL up or down to select the desired channel category.**

- 3 Push MULTI-CONTROL left or right to select the desired channel in the selected channel category.**

### Using the Game Alert function

Only when SIR-PNR2/SIR-PNR2C is connected to this unit, you can operate this function.

This system can alert you when games involving your favorite teams are about to start. To use this function you need in advance to set up a game alert for the teams.

### Selecting teams for Game Alert

- 1 Display the function selection menu.**

Refer to *Introduction of advanced operations* on the previous page.

- 2 Use MULTI-CONTROL to select TEAM SETTING in the function menu.**

- 3 Push MULTI-CONTROL left or right to select a desired league.**

League names are switched in the display.

- 4 Push MULTI-CONTROL up or down to select a desired team.**

Teams in the selected category are switched in the display.

- 5 Press MULTI-CONTROL to store the selected team in memory.**

The game alert function will start on that team.

- To turn the Game Alert off of the selected team, press **MULTI-CONTROL** again.
- When you have already made 12 team selections, **FULL** is displayed and additional team selection is not possible. In this case, first delete the team selection and then try again.

- 6 Repeat these steps for selecting other teams.**

Up to 12 teams can be selected.

### Switching the Game Alert on or off

Once you made team selections, you need to turn the Game Alert function on.

- The Game Alert function is on at the default setting.

- 1 Display the function selection menu.**

Refer to *Introduction of advanced operations* on the previous page.

- 2 Use MULTI-CONTROL to select GAME ALERT in the function menu.**

- 3 Press MULTI-CONTROL to turn the Game Alert on.**

The Game Alert function is now on.

- To turn the Game Alert function off, press **MULTI-CONTROL** again.

### When the game of the selected team starts

When a game of the selected team is about to start (or is currently playing) on a different station, **GAME ALERT INFO** is displayed. Press and hold **MULTI-CONTROL** to switch to that station, and you can listen to that game.

- If you do not operate the function within about 10 seconds, the display is automatically returned.

### Displaying game information

If games of your selected teams are currently playing, you can display information of the games and tune to the broadcast channel. You can display information of the games while enjoying the sound from currently tuning station. You can also tune to the broadcast channel when you wish to.

#### 1 Display the function selection menu.

Refer to *Introduction of advanced operations* on page 60.

#### 2 Use **MULTI-CONTROL** to select **GAME INFO** in the function menu.

The game information of your selected team is displayed.

#### 3 Push **MULTI-CONTROL** up or down to select a game.

The game is displayed, followed by more detailed game information.

- Game score will be updated automatically.

#### 4 Press **MULTI-CONTROL** to switch to that station to listen to the game.



#### Notes

- If you have not made any team selections, **NOT SET** is displayed.
- When games involving your favorite teams are not currently playing, **NO GAME** is displayed.

### Displaying the Radio ID

If you select **CH 000**, the ID code is displayed.

- Push **MULTI-CONTROL** left or right to select **CH 000**.



#### Note

To select **CH 000**, set the channel select setting to **CHANNEL NUMBER**. About the channel select setting, refer to *Selecting the SIRIUS channel select mode* on the previous page.

### Using Instant Replay function

Following functions can be operated during the Instant Replay mode.

- To use this function, Pioneer SIRIUS bus interface (e.g. CD-SB10) is required.
- To use this function, SIRIUS plug-and-play unit with Instant Replay Function is required.
- For details, refer to SIRIUS plug-and-play unit's manuals.

#### ● Performing the Instant Replay mode

When SIRIUS tuner is selected as the source, press and hold **SAT MODE**.

- In the following conditions, tuner exits from the Instant Replay mode.
  - When **BAND** is pressed
  - When another source is selected

#### ● Select a track

Push **MULTI-CONTROL** left or right.

#### ● Fast forward or reverse

Push and hold **MULTI-CONTROL** left or right for about one second and release. 

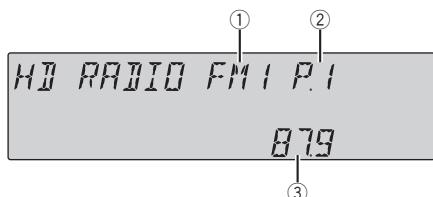
## Available accessories

### HD Radio tuner

#### Basic Operations

You can use this unit to control an HD Radio tuner (GEX-P10HD), which is sold separately.

For details concerning operation, refer to the HD Radio's operation manual.



- ① Band indicator
- ② Preset number indicator
- ③ Frequency indicator

#### ● Select a band

Press **BAND**.

- Band can be selected from among **FM1**, **FM2**, **FM3** or **AM**.

#### ● Manual tuning (step by step)

Push **MULTI-CONTROL** left or right.

#### ● Seek tuning

Push and hold **MULTI-CONTROL** left or right, and then release.

- You can cancel seek tuning by pushing **MULTI-CONTROL** left or right.

### Storing and recalling broadcast frequencies

You can easily store up to six broadcast frequencies for later recall.

- Six stations for each band can be stored in memory.

#### 1 Press LIST.

Preset screen is displayed.

#### 2 Use MULTI-CONTROL to store the selected frequency in memory.

Turn to change the preset number. Press and hold to store.

#### 3 Use MULTI-CONTROL to select the desired station.

Turn to change the station. Press to select.

- You can also change the station by pushing **MULTI-CONTROL** up or down.
- To return to the ordinary display, press **BAND** or **LIST**.
- If you do not operate the list within about 30 seconds, the display automatically returns to the ordinary display.

### Using the remote control

- When you find a frequency that you want to store in memory, press one of preset tuning buttons 1 to 6 and hold until the preset number stops flashing.

The number you have pressed will flash in the preset number indicator and then remain lit. The selected radio station frequency has been stored in memory.

The next time you press the same preset tuning button the radio station frequency is recalled from memory.

- You can also recall radio station frequencies assigned to preset tuning numbers by pushing **MULTI-CONTROL** up or down during the frequency display.

### Switching the display

Desired information can be displayed.

#### ● Press DISP.

Press **DISP** repeatedly to switch between the following settings:

Station name—song title—artist name—program type

- Only when the tuner has been tuned in to an HD Radio broadcasting, display can be changed.
- When the tuner has been tuned in to an HD Radio broadcasting, default display is changed into station name instead of frequency.

## Introduction to advanced operations

1 Press **MULTI-CONTROL** to display the main menu.

2 Use **MULTI-CONTROL** to select **FUNCTION**.

Turn to change the menu option. Press to select.

The function menu is displayed.

3 Turn **MULTI-CONTROL** to select the function.

**BSM** (best stations memory)—**LOCAL** (local seek tuning)—**SEEK MODE** (seek mode)—**BLENDING** (reception mode)

## Function and operation

**BSM** and **LOCAL** operations are basically the same as that of the tuner.

Function name	Operation
<b>BSM</b>	Refer to <i>Storing the strongest broadcast frequencies</i> on page 15.
<b>LOCAL</b>	Refer to <i>Tuning in strong signals</i> on page 15.



### Notes

- You can also select the function by pressing **FUNCTION** on the remote control.
- To return to the playback display, press **BAND**.

## Switching the seek mode

There are two method of seek tuning settings, one is **SEEK HD** (Digital broadcasting stations seek) and the other is **SEEK ALL** (normal seek).

1 Display the function menu.

Refer to *Introduction to advanced operations* on this page.

2 Use **MULTI-CONTROL** to select **SEEK MODE** in the function menu.

3 Press **MULTI-CONTROL** to select your favorite setting.

**SEEK ALL**—**SEEK HD**

## Switching the reception mode

If a digital broadcast reception condition gets poor, this unit automatically switches to the analog broadcast of the same frequency level. If this function is set to on, the tuner switches between digital broadcast and analog broadcast automatically. If this function is off, reception will be conducted within an analog broadcast.

1 Display the function menu.

Refer to *Introduction to advanced operations* on this page.

2 Use **MULTI-CONTROL** to select **BLENDING** in the function menu.

3 Press **MULTI-CONTROL** to select your favorite setting.

**ON**—**OFF**



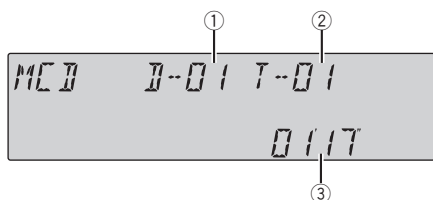
## Available accessories

### Multi-CD Player

#### Basic Operations

You can use this unit to control a multi-CD player, which is sold separately.

- Only functions described in this manual are supported by 50-disc multi-CD players.
- This unit is not designed to operate disc title list functions with a 50-disc multi-CD player. For information about the disc title list functions, refer to *Selecting discs from the disc title list* on page 68.



- ① Disc number indicator
- ② Track number indicator
- ③ Play time indicator

#### ● Select a disc

Push **MULTI-CONTROL** up or down.

- You can also select a disc by using **1** to **6** buttons on the remote control.
  - For discs 1 to 6, press the corresponding button number.
  - For discs 7 to 12, press and hold the corresponding numbers, such as **1** for disc 7, until the disc number appears in the display.

#### ● Fast forward or reverse

Push and hold **MULTI-CONTROL** left or right.

#### ● Select a track

Push **MULTI-CONTROL** left or right.

#### Notes

- When multi-CD player completes preparatory operations, **READY** is displayed.
- If an error message such as **ERROR-11** is displayed, refer to the multi-CD player owner's manual.
- If there are no discs in the multi-CD player magazine, **NO DISC** is displayed.

### Using CD TEXT functions

You can use these functions only with a CD TEXT compatible multi-CD player.

The operation is the same as that of the built-in CD player.

Refer to *Displaying text information on disc* on page 17.

### Introduction to advanced operations

You can only use **COMPRESSION** (compression and DBE) with a multi-CD player that supports them.

**1 Press MULTI-CONTROL to display the main menu.**

**2 Use MULTI-CONTROL to select FUNCTION.**

Turn to change the menu option. Press to select.

The function menu is displayed.

**3 Turn MULTI-CONTROL to select the function.**

**PLAY MODE** (repeat play)—**RANDOM MODE** (random play)—**SCAN MODE** (scan play)—**PAUSE** (pause)—**COMPRESSION** (compression and DBE)—**ITS PLAY MODE** (ITS play)—**ITS MEMO** (ITS programming)—**TITLE INPUT** (disc title input)

- If you do not operate functions other than **ITS MEMO** and **TITLE INPUT** within about 30 seconds, the display automatically returns to the ordinary display.
- When playing a CD TEXT disc on a CD TEXT compatible multi-CD player, you cannot switch to **TITLE INPUT**. The disc title is already recorded on the CD TEXT disc.

## Function and operation

**PLAY MODE, RANDOM MODE, SCAN MODE, PAUSE** and **TITLE INPUT** operations are basically the same as that of the built-in CD player.

Function name	Operation
<b>PLAY MODE</b>	Refer to <i>Selecting a repeat play range</i> on page 19. However, the repeat play ranges you can select are different from that of the built-in CD player. The repeat play ranges of the multi-CD player are: <ul style="list-style-type: none"> <li>• <b>M-CD REPEAT</b> – Repeat all discs in the multi-CD player</li> <li>• <b>TRACK REPEAT</b> – Repeat just the current track</li> <li>• <b>DISC REPEAT</b> – Repeat the current disc</li> </ul>
<b>RANDOM MODE</b>	Refer to <i>Playing tracks in random order</i> on page 19.
<b>SCAN MODE</b>	Refer to <i>Scanning folders and tracks</i> on page 19.
<b>PAUSE</b>	Refer to <i>Pausing playback</i> on page 19.
<b>TITLE INPUT</b>	Refer to <i>Entering disc titles</i> on page 20.



### Notes

- You can also select the function by pressing **FUNCTION** on the remote control.
- To return to the playback display, press **BAND**.
- If you select other discs during repeat play, the repeat play range changes to **M-CD REPEAT**.
- If you perform track search or fast forward/reverse during **TRACK REPEAT**, the repeat play range changes to **DISC REPEAT**.
- After track or disc scanning is finished, normal playback of the tracks begins again.

## Using compression and bass emphasis

*You can only use these functions with a multi-CD player that supports them.*

COMP (compression) and DBE (dynamic bass emphasis) functions lets you adjust the sound playback quality of the multi-CD player.

### 1 Display the function menu.

Refer to *Introduction to advanced operations* on the previous page.

### 2 Use MULTI-CONTROL to select COMPRESSION in the function menu.

- If the multi-CD player does not support COMP/DBE, **NO COMP** is displayed when you attempt to select it.

### 3 Press MULTI-CONTROL to select your favorite setting.

**COMP OFF—COMP 1—COMP 2—  
COMP OFF—DBE 1—DBE 2**

## Using ITS playlists

ITS (instant track selection) lets you make a playlist of favorite tracks from the multi-CD player magazine. After you have added your favorite tracks to the playlist, you can turn on ITS play and play just those selections.

You can use ITS to enter and play back up to 99 tracks per disc from up to 100 discs (with the disc titles). (With multi-CD players sold before the CDX-P1250 and CDX-P650, up to 24 tracks can be stored in the playlist.)

## Creating a playlist with ITS programming

### 1 Play a CD that you want to program.

Push **MULTI-CONTROL** up or down to select the CD.

### 2 Display the function menu.

Refer to *Introduction to advanced operations* on the previous page.

### 3 Use MULTI-CONTROL to select ITS MEMO in the function menu.

### 4 Select the desired track by pushing MULTI-CONTROL left or right.

## Available accessories

### 5 Push **MULTI-CONTROL** up to store the currently playing track in the playlist.

**MEMORY COMPLETE** is displayed and the currently playing selection is added to your playlist.

### 6 Press **BAND** to return to the playback display.



#### Note

After data for 100 discs is stored in memory, data for a new disc will overwrite the oldest one.

### Playback from your ITS playlist

ITS play lets you listen to the tracks that you have entered into your ITS playlist. When you turn on ITS play, tracks from your ITS playlist in the multi-CD player begin to play.

#### 1 Select the repeat range.

Refer to *Playing tracks in random order* on page 19.

#### 2 Display the function menu.

Refer to *Introduction to advanced operations* on page 65.

#### 3 Use **MULTI-CONTROL** to select **ITS PLAY MODE** in the function menu.

#### 4 Press **MULTI-CONTROL** to turn ITS play on.

**ITS PLAY** appears in the display. Playback begins of those tracks from your playlist within the previously selected **M-CD REPEAT** or **DISC REPEAT** ranges.

- If no tracks in the current range are programmed for ITS play, then **ITS EMPTY** is displayed.
- To turn ITS play off, press **MULTI-CONTROL** again.

### Erasing a track from your ITS playlist

You can delete a track from your ITS playlist if ITS play is on.

If ITS play is already on, skip to step 2. If ITS play is off, use **MULTI-CONTROL**.

#### 1 Play the CD with the track you want to delete from your ITS playlist, and turn ITS play on.

Refer to *Playback from your ITS playlist* on this page.

#### 2 Display the function menu.

Refer to *Introduction to advanced operations* on page 65.

#### 3 Use **MULTI-CONTROL** to select **ITS MEMO** in the function menu.

#### 4 Select the desired track by pushing **MULTI-CONTROL** left or right.

#### 5 Push **MULTI-CONTROL** down to erase the track from your ITS playlist.

The currently playing selection is erased from your ITS playlist and playback of the next track begins.

- If there are no tracks from your playlist in the current range, **ITS EMPTY** is displayed and normal playback resumes.

#### 6 Press **BAND** to return to the playback display.

### Erasing a CD from your ITS playlist

You can delete all tracks of a CD from your ITS playlist if ITS play is off.

#### 1 Play the CD that you want to delete.

Push **MULTI-CONTROL** up or down to select the CD.

#### 2 Display the function menu.

Refer to *Introduction to advanced operations* on page 65.

#### 3 Use **MULTI-CONTROL** to select **ITS MEMO** in the function menu.

## Available accessories

### 4 Push **MULTI-CONTROL** down to erase all tracks on the currently playing CD from your **ITS** playlist.

All tracks on the currently playing CD are deleted from your playlist and

**MEMORY DELETED** is displayed.

### 5 Press **BAND** to return to the playback display.

## Using disc title functions

You can input CD titles and display the titles. Then, you can easily search for and play a desired disc.

### Entering disc titles

Use the disc title input feature to store up to 100 CD titles (with **ITS** playlist) into the multi-CD player. Each title can be up to 10 characters long.

For details concerning operation, refer to *Entering disc titles* on page 20.

- Titles remain in the memory even after the disc is removed from the magazine, and are recalled when the disc is reinserted.
- After data for 100 discs is stored in memory, data for a new disc will overwrite the oldest one.

### Displaying disc titles

#### ● Press **DISP** to select the desired text information.

- **For title entered CD**  
Play time—disc title and play time
- **For CD TEXT discs**  
Play time—disc artist name and track title—disc artist name and disc title—disc title and track title—track artist name and track title—track title and play time

### Selecting discs from the disc title list

Disc title list lets you see the list of disc titles entered in the multi-CD player and select one of them to play back.

### 1 Press **LIST** to switch to the disc title list mode during the playback display.

### 2 Use **MULTI-CONTROL** to select the desired disc title.


Turn to change the disc title. Press to play.

- You can also change the disc title by pushing **MULTI-CONTROL** up or down.

▪ When playing CD **TEXT** disc, push **MULTI-CONTROL** right to see a list of the tracks in the selected disc. Push **MULTI-CONTROL** left to return to the disc list.

- If no title is entered for a disc, **NO TITLE** is displayed.

▪ **NO DISC** is displayed next to the disc number when there is no disc in the magazine.

- If you do not operate the list within about 30 seconds, the display automatically returns to the ordinary display. 

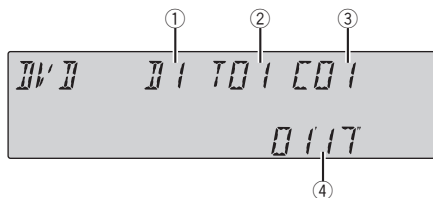
## Available accessories

### DVD Player

#### Basic Operations

You can use this unit to control a DVD player or multi-DVD player, which is sold separately.

For details concerning operation, refer to the DVD player's or multi-DVD player's operation manual. This section provides information on DVD operations with this unit which differs from that described in the DVD player's or multi-DVD player's operation manual.



- ① Disc number indicator  
Shows the number of the disc currently playing when using a multi-DVD player.
- ② Title/Folder number indicator  
Shows the title (when playing DVD video) or folder (when playing compressed audio) of the selection currently playing.
- ③ Chapter/track number indicator  
Shows the chapter (when playing DVD video) or track (when playing Video CD, CD or compressed audio) currently playing.
- ④ Play time indicator

- **Select a chapter/track**

Push **MULTI-CONTROL** left or right.

- **Fast forward or reverse**

Push and hold **MULTI-CONTROL** left or right.

- When playing compressed audio, there is no sound on fast forward or reverse.

- **To skip back or forward to another chapter/track, push MULTI-CONTROL left or right.**

#### Selecting a disc

- You can operate this function only when a multi-DVD player is connected to this unit.

**Press any of 1 to 6 on the remote control to select the desired disc.**

**Push MULTI-CONTROL up or down.**

#### Selecting a folder

- You can operate this function only when a DVD player compatible with compressed audio playback is connected to this unit.

- **Push MULTI-CONTROL up or down to select a folder.**

### Introduction to advanced operations

**1 Press MULTI-CONTROL to display the main menu.**

**2 Use MULTI-CONTROL to select FUNCTION.**

Turn to change the menu option. Press to select.

The function menu is displayed.

**3 Turn MULTI-CONTROL to select the function.**

**During DVD video or Video CD playback**

**PLAY MODE** (repeat play)—**PAUSE** (pause)

**During CD playback**

**PLAY MODE** (repeat play)—**RANDOM MODE**

(random play)—**SCAN MODE** (scan play)—

**PAUSE** (pause)—**ITS PLAY MODE** (ITS play)—

**ITS MEMO** (ITS input)—**TITLE INPUT** (disc title input)

**During compressed audio playback**

**PLAY MODE** (repeat play)—**RANDOM MODE**

(random play)—**SCAN MODE** (scan play)—

**PAUSE** (pause)

- You can also select the function by pressing **FUNCTION** on the remote control.

- To return to the playback display, press **BAND**.

## Available accessories

- If you do not operate functions except for **ITS MEMO** and **TITLE INPUT** within about 30 seconds, the display is automatically returned to the ordinary display.

### Function and operation

**PLAY MODE**, **RANDOM MODE**, **SCAN MODE**, **PAUSE** and **TITLE INPUT** operations are basically the same as that of the built-in CD player.

Also, **ITS PLAY MODE** and **ITS MEMO** operations are basically the same as that of the multi-CD player.

Function name	Operation
<b>PLAY MODE</b>	<p>Refer to <i>Selecting a repeat play range</i> on page 19. But the repeat play range that you can select is vary depending on the type of disc or system. The repeat play ranges of the DVD player/multi-DVD player are as below: During PBC playback of Video CDs, this function cannot be operated.</p> <ul style="list-style-type: none"> <li>• <b>DISC REPEAT</b> – Repeat the current disc</li> <li>• <b>FOLDER REPEAT</b> – Repeat the current folder</li> <li>• <b>TITLE REPEAT</b> – Repeat just the current title</li> <li>• <b>CHAPTER REPEAT</b> – Repeat just the current chapter</li> <li>• <b>TRACK REPEAT</b> – Repeat the current track</li> </ul>
<b>RANDOM MODE</b>	Refer to <i>Playing tracks in random order</i> on page 19.
<b>SCAN MODE</b>	Refer to <i>Scanning folders and tracks</i> on page 19.
<b>PAUSE</b>	Refer to <i>Pausing playback</i> on page 19.
<b>ITS PLAY MODE</b>	Refer to <i>Using ITS playlists</i> on page 66.
<b>ITS MEMO</b>	Refer to <i>Using ITS playlists</i> on page 66.
<b>TITLE INPUT</b>	Refer to <i>Entering disc titles</i> on page 20.



### Notes

- If you select other discs during repeat play, the repeat play range changes to **DISC REPEAT**.
- When playing back Video CD or CD, if you perform track search or fast forward/reverse during **TRACK REPEAT**, the repeat play range changes to **DISC REPEAT**.
- When playing back compressed audio, if you select another folder during repeat play, the repeat play range changes to **DISC REPEAT**.
- When playing back compressed audio, if you perform track search or fast forward/reverse during **TRACK REPEAT**, the repeat play range changes to **FOLDER REPEAT**.
- Multi-DVD player that has ITS functions and disc title functions can also be connected to this unit. In this case, **ITS PLAY MODE**, **ITS MEMO** and disc title input can be controlled.
- The ITS function of a DVD player differs slightly from ITS playback with a multi-CD player. With multi-DVD player, ITS playback applies only to the CD playing. For details, refer to *Using ITS playlists* on page 66. (■)

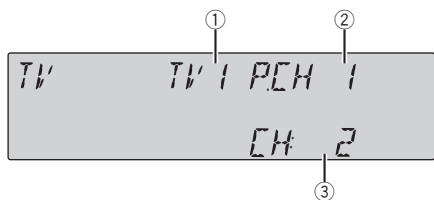
## Available accessories

### TV tuner

#### Basic Operations

You can use this unit to control a TV tuner, which is sold separately.

For details concerning operation, refer to the TV tuner's operation manual. This section provides information on TV operations with this unit, which differs from that described in the TV tuner's operation manual.



- ① Band indicator
- ② Preset number indicator
- ③ Channel indicator

#### ● Select a band

Press **BAND**.

#### ● Select a channel (step by step)

Push **MULTI-CONTROL** left or right.

#### ● Seek tuning

Push and hold **MULTI-CONTROL** left or right, and then release.

#### Notes

- Band can be selected from **TV1** or **TV2**.
- You can cancel seek tuning by pushing **MULTI-CONTROL** left or right.
- While pushing and holding **MULTI-CONTROL** left or right, you can skip stations. Seek tuning starts as soon as you release **MULTI-CONTROL**.

### Storing and recalling broadcast stations

You can easily store up to 12 broadcast stations for later recall.

- 12 stations for each band can be stored in memory.

#### 1 Press **LIST**.

Preset screen is displayed.

#### 2 Use **MULTI-CONTROL** to store the selected station in memory.

Turn to change the preset number. Press and hold to store.

- You can also store the station in memory by pushing and holding **MULTI-CONTROL** right.

#### 3 Use **MULTI-CONTROL** to select the desired station.

Turn to change the station. Press to select.

- You can also change the station by pushing **MULTI-CONTROL** up or down.
- If you do not operate the list within about 30 seconds, the display automatically returns to the ordinary display.

### Using the remote control

You can also store and recall stations assigned to preset tuning numbers **P 1** to **P 6** by using the remote control.

#### ● When you find a station that you want to store in memory, press one of preset tuning buttons 1 to 6 and hold until the preset number stops flashing.

The number you have pressed will flash in the preset number indicator and then remain lit. The selected station has been stored in memory.

The next time you press the same preset tuning button the station is recalled from memory.

- You can also recall stations assigned to preset tuning numbers by pushing **MULTI-CONTROL** up or down during the channel display.

### Storing the strongest broadcast stations sequentially

#### 1 Press **MULTI-CONTROL** to display the main menu.

## 2 Use **MULTI-CONTROL** and select **FUNCTION** to display **BSSM**.

- You can also select the function by pressing **FUNCTION** on the remote control.


## 3 Press **MULTI-CONTROL** to turn **BSSM** on.

**SEARCHING** begins to flash. While **SEARCHING** is flashing, the 12 strongest broadcast stations are stored in order from the lowest channel up. When finished, the preset channel list appears.

- To cancel the storage process, press **MULTI-CONTROL** again.

## 4 Use **MULTI-CONTROL** to select the desired station.

Turn to change the station. Press to select.

- You can also change the station by pushing **MULTI-CONTROL** up or down.
- To return to the ordinary display, press **BAND**.
- If you do not operate the list within about 30 seconds, the display automatically returns to the ordinary display. 



## Additional Information

### Troubleshooting

#### Bluetooth audio/telephone

Symptom	Cause	Action
The audio of the Bluetooth audio source is not played back.	A Bluetooth-connected cellular phone is currently in a phone call.	The audio will be played back when the call is completed.
	A Bluetooth-connected cellular phone is currently in operation.	Do not operate the cellular phone at this time.
	A call was made with a Bluetooth-connected cellular phone and then immediately terminated. As a result, communication between this unit and the cellular phone was not terminated properly.	Reconnect the Bluetooth connection between this unit and the cellular phone.



### Error messages

When you contact your dealer or your nearest Pioneer Service Center, be sure to have the error message recorded.

#### Built-in CD Player

Message	Cause	Action
<b>ERROR-11, 12, 17, 30</b>	Dirty disc	Clean disc.
<b>ERROR-11, 12, 17, 30</b>	Scratched disc	Replace disc.
<b>ERROR-10, 11, 12, 15, 17, 30, A0</b>	Electrical or mechanical	Turn the ignition switch OFF and back ON, or switch to a different source, then back to the CD player.
<b>ERROR-15</b>	The inserted disc does not contain any data	Replace disc.

<b>ERROR-22, 23</b>	The CD format cannot be played back	Replace disc.
<b>NO AUDIO</b>	The inserted disc does not contain any files that can be played back	Replace disc.
<b>TRK SKIPPED</b>	The inserted disc contains WMA files that are protected by DRM	Replace disc.
<b>PROTECT</b>	All the files on the inserted disc are secured by DRM	Replace disc.

#### USB audio player/USB memory

Message	Cause	Action
<b>NO AUDIO</b>	No songs	Transfer the audio files to the USB portable audio player/USB memory and connect.
	USB memory with security enabled is connected	Follow the USB memory instructions to disable the security.
	No songs	Transfer the songs to iPod.
<b>TRK SKIPPED</b>	The connected USB portable audio player/USB memory contains WMA files that are protected by Windows Media DRM 9/10	Play an audio file not protected by Windows Media DRM 9/10.
<b>PROTECT</b>	All the files on the connected USB portable audio player/USB memory are protected by Windows Media DRM 9/10	Transfer audio files not protected by Windows Media DRM 9/10 to the USB portable audio player/USB memory and connect.
<b>N/A USB</b>	The USB device connected to is not supported by this unit.	Connect a USB portable audio player or USB memory that is USB Mass Storage Class compliant.

## Additional Information

<b>CHECK USB</b>	The USB connector or USB cable is short-circuited.	Confirm that the USB connector or USB cable is not caught in something or damaged.
	The connected USB portable audio player/USB memory consumes more than 500 mA (maximum allowable current).	Disconnect the USB portable audio player/USB memory and do not use it. Turn the ignition switch to OFF, then to ACC or ON and then connect the compliant USB portable audio player/USB memory.
<b>ERROR-19</b>	Communication failure	Perform one of the following operations. -Turn the ignition switch OFF and back ON. -Disconnect the USB portable audio player/USB memory. -Change to a different source. Then, return to the USB portable audio player/USB memory.
<b>ERROR-23</b>	USB device is not formatted with FAT16 or FAT32	USB device should be formatted with FAT16 or FAT32.

### iPod

Message	Cause	Action
<b>ERROR-19</b>	Communication failure	Disconnect the cable from iPod. Once iPod main menu is displayed, connect the cable again. Reset the iPod.
	iPod failure	Disconnect the cable from iPod. Once iPod main menu is displayed, connect the cable again. Reset the iPod.

<b>N/A USB</b>	Old version of iPod	Update the iPod version.
	iPod failure	Reset the iPod.
<b>ERROR-16</b>	Old version of iPod	Update the iPod version.
	iPod failure	Disconnect the cable from iPod. Once iPod main menu is displayed, connect the cable again. Reset the iPod.
<b>ERROR-A1 CHECK USB</b>	iPod is not charged but operates correctly	Check if the connection cable for iPod shorted out (e.g., not caught in metal objects). After checking, turn the ignition switch OFF and back ON or disconnect the iPod and connect again.
<b>NO SONGS</b>	No songs	Transfer the songs to iPod.
<b>STOP</b>	No songs in the current list	Select a list that contains the songs.

### Bluetooth audio/telephone

Message	Cause	Action
<b>ERROR-10</b>	Built-in Bluetooth unit encountered an error	Turn the ignition OFF and ON.
<b>ERROR-80</b>	Built-in FLASH ROM encountered an error	Turn the ignition OFF and ON.



## Additional Information

### Handling guideline of discs and player

- Use only discs featuring either of following two logos.



- Use only conventional, fully circular discs. Do not use shaped discs.



- Use 12-cm or 8-cm CD. Do not use an adapter when playing 8-cm CDs.
- Do not insert anything other than a CD into the CD loading slot.
- Do not use cracked, chipped, warped, or otherwise damaged discs as they may damage the player.
- Unfinalized CD-R/CD-RW disc playback is not possible.
- Do not touch the recorded surface of the discs.
- Store discs in their cases when not in use.
- Avoid leaving discs in excessively hot environments including under direct sunlight.
- Do not attach labels, write on or apply chemicals to the surface of the discs.
- To clean a CD, wipe the disc with a soft cloth outward from the center.
- Condensation may temporarily impair the player's performance. Leave it to adjust to the warmer temperature for about one hour. Also, wipe any dump discs with a soft cloth.
- Playback of discs may not be possible because of disc characteristics, disc format, recorded application, playback environment, storage conditions, and so on.
- Text information may not be correctly displayed depending on the recorded environment.

- Road shocks may interrupt disc playback.
- Read the precautions for discs before using them.

### Dual Discs

- Dual Discs are two-sided discs that have a recordable CD for audio on one side and a recordable DVD for video on the other.
- Since the CD side of Dual Discs is not physically compatible with the general CD standard, it may not be possible to play the CD side with this unit.
- Frequent loading and ejecting of a Dual Disc may result in scratches on the disc. Serious scratches can lead to playback problems on this unit. In some cases, a Dual Disc may become stuck in the disc loading slot and will not eject. To prevent this, we recommend you refrain from using Dual Disc with this unit.
- Please refer to the information from the disc manufacturer for more detailed information about Dual Discs.

### Compressed audio compatibility

#### WMA

- Compatible format: WMA encoded by Windows Media Player
- Bit rate: 48 kbps to 320 kbps (CBR), 48 kbps to 384 kbps (VBR)
- Sampling frequency: 32 kHz to 48 kHz
- Windows Media Audio 9 Professional, Lossless, Voice: No

#### MP3

- Bit rate: 8 kbps to 320 kbps
- Sampling frequency: 16 kHz to 48 kHz (32, 44.1, 48 kHz for emphasis)
- Compatible ID3 tag version: 1.0, 1.1, 2.2, 2.3, 2.4 (ID3 tag Version 2.x is given priority than Version 1.x.)
- M3u playlist: No

## Additional Information

- MP3i (MP3 interactive), mp3 PRO: No

### AAC

- Compatible format: AAC encoded by iTunes®
- Sampling frequency: 11.025 kHz to 48 kHz
- Transmission rate: 16 kbps to 320 kbps
- Apple Lossless: No

### WAV

- Compatible format: Linear PCM (LPCM), MS ADPCM
- Quantization bits: 8 and 16 (LPCM), 4 (MS ADPCM)
- Sampling frequency: 16 kHz to 48 kHz (LPCM), 22.05 kHz to 44.1 kHz (MS ADPCM)

## Compressed audio files on the disc

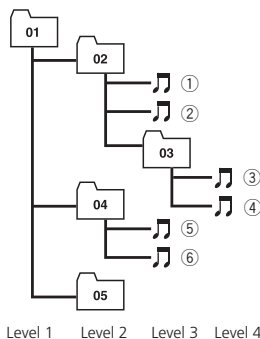
- Depending on the version of Windows Media Player used to encode WMA files, album names and other text information may not be correctly displayed.
- There may be a slight delay when starting playback of WMA/AAC files encoded with image data.
- ISO 9660 Level 1 and 2 compliant. Romeo and Joliet file systems are both compatible with this player.
- Multi-session playback is possible.
- Compressed audio files are not compatible with packet write data transfer.
- Only 64 characters from the beginning can be displayed as a file name (including the extension such as .wma, .mp3, .m4a or .wav) or a folder name.
- Folder selection sequence or other operation may be altered depending on the encoding or writing software.
- Regardless of the length of blank section between the songs of original recording, compressed audio discs play with a short pause between songs.

- File extensions such as .wma, .mp3, .m4a or .wav must be used properly.
- Only 32 characters from the beginning can be displayed as a file name (including the extension such as .wma, .mp3, .m4a or .wav) or a folder name when using Russian text.

## Example of a hierarchy

: Folder

: Compressed audio file



- This unit assigns folder numbers. The user cannot assign folder numbers.
- Folder hierarchy is allowed up to eight tiers. However, a practical hierarchy of folder is less than two tiers.
- Up to 99 folders on a disc can be played back.

## USB audio player/USB memory

### USB audio player/USB memory compatibility

- USB version: 2.0, 1.1 and 1.0
- USB data transfer rate: full speed
- USB Class: MSC (Mass Storage Class) device
- Protocol: bulk
- Minimum amount of memory: 250 MB
- Maximum amount of memory: 250 GB
- File system: FAT32 and FAT16

## Additional Information

- Supply current: 500 mA

### Notes

- Partitioned USB memory is not compatible with this unit.
- Depending on the kind of USB portable audio player/USB memory you use, this unit may not recognize the USB audio player/USB memory or audio files may not be played back properly.
- This unit can play back files in the USB portable audio player/USB memory that is USB Mass Storage Class. However, copyright protected files that are stored in above-mentioned USB devices cannot be played back. (If the iPod is connected to this unit, file playback condition depends on the iPod specifications.)
- You cannot connect a USB portable audio player/USB memory to this unit via a USB hub.

### Handling guideline and supplemental information

- Do not leave the USB portable audio player/USB memory in direct sunlight for extended amounts of time. Extended exposure to direct sunlight can result in USB portable audio player/USB memory malfunction due to the resulting high temperature.
- Do not leave the USB portable audio player/USB memory in high temperature.
- Firmly secure the USB portable audio player/USB memory when driving. Do not let the USB portable audio player/USB memory fall onto the floor, where it may become jammed under the brake or accelerator pedal.
- There may be a slight delay when starting playback of audio files encoded with image data.
- Depending on the USB devices connected to this unit, it may generate noise in the radio.

- Only 32 characters from the beginning can be displayed as a file name (including the extension) or a folder name when USB portable audio player/USB memory is selected as a source.
- The text information of some audio files may not be correctly displayed.
- File extensions must be used properly.
- Up to 15 000 files on a USB portable audio player/USB memory can be played back.
- Up to 500 folders on a USB portable audio player/USB memory can be played back.
- Up to eight tiers directory on a USB portable audio player/USB memory can be played back.
- There may be a slight delay when starting playback of audio files on a USB portable audio player/USB memory with numerous folder hierarchies.
- Do not connect anything other than the USB portable audio player/USB memory.
- Operations may vary depending on the kind of USB audio player and a USB memory.

### The sequence of audio files on USB memory

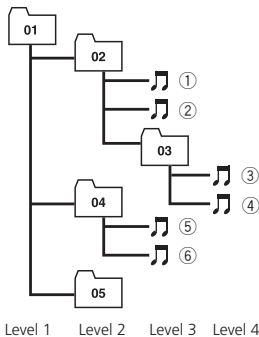
*For USB portable audio players, the sequence is different from that of USB memory and depends on the player.*

## Additional Information

### Example of a hierarchy

📁: Folder

🎵: Compressed audio file



- 01 to 05 represent assigned folder numbers. ① to ⑥ represent the playback sequence. The user cannot assign folder numbers and specify the playback sequence with this unit.
- Playback sequence of the audio file is the same as recorded sequence in the USB device.
- To specify the playback sequence, the following method is recommended.
  - 1 Create the file name including numbers that specify the playback sequence (e.g., 001xxx.mp3 and 099yyy.mp3).
  - 2 Put those files into a folder.
  - 3 Record the folder containing files into the USB device.

However, depending on the system environment, you cannot specify the file playback sequence.

## iPod

### About handling the iPod

- Do not leave the iPod in direct sunlight for extended amounts of time. Extended exposure to direct sunlight can result in iPod malfunction due to the resulting high temperature.

- Do not leave the iPod in a high temperature.
- Connect directly the dock connector cable to the iPod so that this unit works properly.
- Firmly secure the iPod when driving. Do not let the iPod fall onto the floor, where it may become jammed under the brake or accelerator pedal.
- For details, refer to the iPod's manuals.

### About iPod settings

- You cannot operate the iPod Equalizer on Pioneer products. We recommend that you set the iPod Equalizer to off, before connecting to this unit.
- You cannot set Repeat to off on the iPod when using this unit. Even if you set Repeat to off on the iPod, Repeat is automatically changed to All when connecting the iPod to this unit.

### Bluetooth profiles

- In order to use Bluetooth wireless technology, devices must be able to interpret certain profiles. This unit is compatible with the following profiles.
  - A2DP (Advanced Audio Distribution Profile)
  - AVRCP (Audio/Video Remote Control Profile)
  - GAP (Generic Access Profile)
  - SDP (Service Discovery Protocol)
  - OPP (Object Push Profile)
  - HFP (Hands Free Profile)
  - PBAP (Phone Book Access Profile)
  - SPP (Serial Port Profile)

# Additional Information

## Specifications

### General

Power source .....	14.4 V DC (10.8 V to 15.1 V allowable)
Grounding system .....	Negative type
Max. current consumption .....	10.0 A
Dimensions (W × H × D): D	
Chassis .....	178 mm × 100 mm × 160 mm (7 in. × 3-7/8 in. × 6-1/4 in.)
Nose .....	170 mm × 94 mm × 8 mm (6-3/4 in. × 3-3/4 in. × 3/8 in.)
Weight .....	1.8 kg (4 lbs)

### Audio

Maximum power output .....	50 W × 4 50 W × 2/4 Ω + 70 W × 1/2 Ω (for subwoofer)
Continuous power output ...	22 W × 4 (50 Hz to 15 000 Hz, 5% THD, 4 Ω load, both channels driven)
Load impedance .....	4 Ω to 8 Ω × 4 4 Ω to 8 Ω × 2 + 2 Ω × 1
Preout max output level .....	4 V
Equalizer (7-Band Graphic Equalizer):	
Frequency .....	50/125/315/800/2k/5k/12.5k Hz
Gain .....	±12 dB
HPF:	
Frequency .....	50/63/80/100/125 Hz
Slope .....	-12 dB/oct
Subwoofer (mono):	
Frequency .....	50/63/80/100/125 Hz
Slope .....	-18 dB/oct
Gain .....	+6 dB to -24 dB
Phase .....	Normal/Reverse
Bass boost:	
Gain .....	+12 dB to 0 dB

### CD player

System .....	Compact disc audio system
Usable discs .....	Compact disc
Signal-to-noise ratio .....	94 dB (1 kHz) (IHF-A network)
Number of channels .....	2 (stereo)
MP3 decoding format .....	MPEG-1 & 2 Audio Layer 3
WMA decoding format .....	Ver. 7, 7.1, 8, 9, 10, 11 (2ch audio) (Windows Media Player)

AAC decoding format .....	MPEG-4 AAC (iTunes® encoded only) (.m4a) (Ver. 7.2 and earlier)
WAV signal format .....	Linear PCM & MS ADPCM (Non-compressed)

### USB

Specification .....	USB 2.0 full speed
Supply current .....	500 mA
Maximum amount of memory .....	250 GB
File system .....	FAT16, FAT32
MP3 decoding format .....	MPEG-1 & 2 Audio Layer 3
WMA decoding format .....	Ver. 7, 7.1, 8, 9, 10, 11 (2ch audio) (Windows Media Player)
AAC decoding format .....	MPEG-4 AAC (iTunes® encoded only) (.m4a) (Ver. 7.2 and earlier)
WAV signal format .....	Linear PCM & MS ADPCM (Non-compressed)

### FM tuner

Frequency range .....	87.9 MHz to 107.9 MHz
Usable sensitivity .....	8 dBf (0.7 μV/75 Ω, mono, S/N: 30 dB)
Signal-to-noise ratio .....	75 dB (IHF-A network)

### AM tuner

Frequency range .....	530 kHz to 1 710 kHz (10 kHz)
Usable sensitivity .....	18 μV (S/N: 20 dB)
Signal-to-noise ratio .....	65 dB (IHF-A network)

### Bluetooth

Version .....	Bluetooth 2.0 certified
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### CEA2006 Specifications



Power output .....	14 W RMS × 4 Channels (4 Ω and ≤ 1% THD+N)
S/N ratio .....	91 dBA (reference: 1 W into 4 Ω)

### Note

Specifications and the design are subject to modifications without notice due to improvements. ■

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