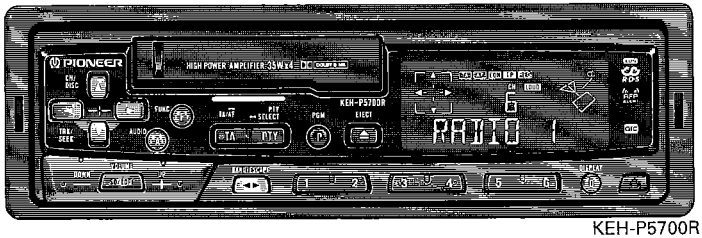
Multi-CD control High power cassette player
with RDS tuner

ENGLISH

KEH-P5730R
KEH-P5700R

Operation Manual



KEH-P5700R

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Head Unit

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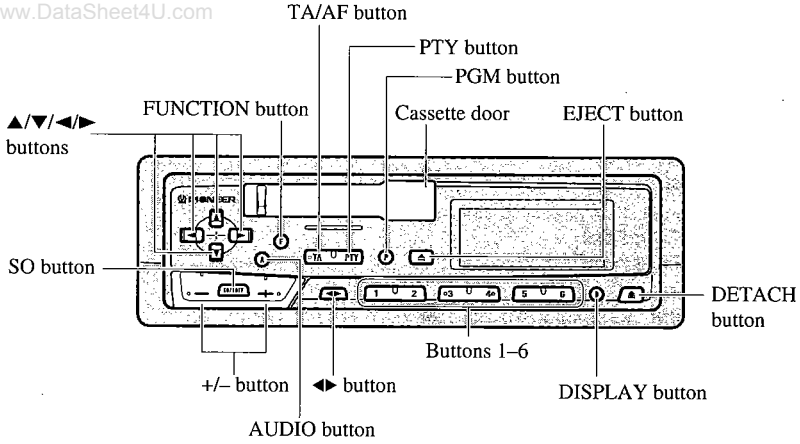
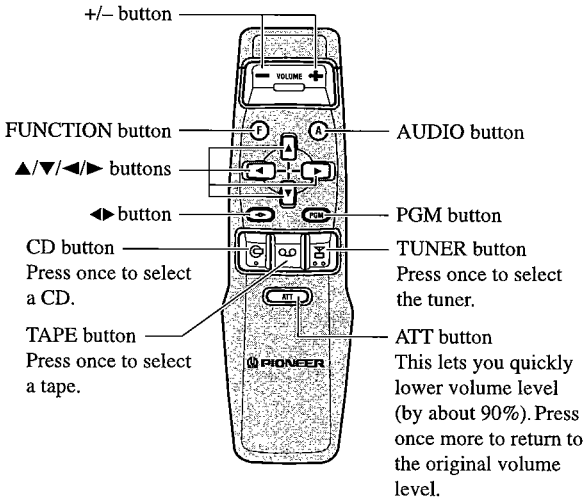


Remote Controller (CD-R66)

The remote controller (CD-R66) is an option.



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About This Product

- This product complies with the EMC Directives (89/336/EEC, 92/31/EEC) and CE Marking Directive (93/68/EEC).

The tuner frequencies on this product are allocated for use in Western Europe, Asia, the Middle East, Africa and Oceania. Use in other areas may result in improper reception. The RDS function operates only in areas with FM stations broadcasting RDS signals.

About This Manual

This product features a number of sophisticated functions ensuring superior reception and operation. All are designed for the easiest possible use, but many are not self-explanatory. This operation manual is intended to help you benefit fully from their potential and to maximize your listening enjoyment.
We recommend that you familiarize yourself with the functions and their operation by reading through the manual before you begin using this product. It is especially important that you read and observe the "Precaution" on the next page and in other sections.
This manual explains head unit operation. You can perform the same operations with the remote controller (CD-R66). The remote controller enables one-touch source changing and offers the convenience of ATT, a function not provided on the head unit.

About Optional Remote Controller (CD-R66)

Optional remote controller (CD-R66) has a switch inside the cover on the back. Use the remote controller in the MAIN UNIT position without switching. (Initially, it is already set to the MAIN UNIT position.) This product will not work properly in the other positions.

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Precaution

- The Pioneer CarStereo-Pass is for use only in Germany.
- Keep this manual handy as a reference for operating procedures and precautions.
- Always keep the volume low enough for outside sounds to be audible.
- Protect this product from moisture.
- If the battery is disconnected, the preset memory will be erased and must be reprogrammed.

In Case of Trouble

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

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To Listen to Music

The following explains the initial operations required before you can listen to music.

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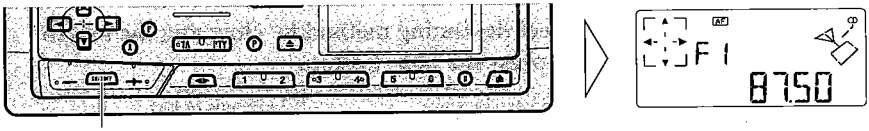
Note:

- Loading a cassette in this product. (Refer to page 8.)

1. Select the desired source (e.g. Tuner).



Each press changes the Source ...

■ Head Unit

Each press of the SO button selects the desired source in the following order:
Tuner → Tape → Multi-CD player → AUX

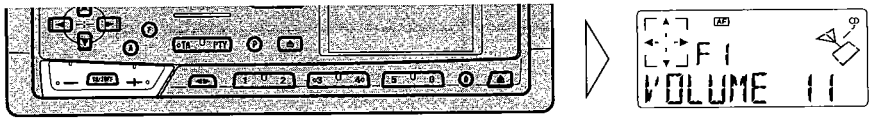
■ Remote Controller

Each press of the button selects the desired source in the following order:
TUNER button : Tuner → OFF
TAPE button : Tape → OFF
CD button : Multi-CD player → OFF

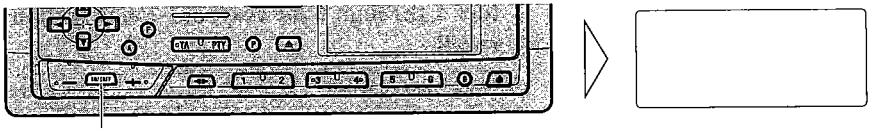
Note:

- In the following cases, the sound source will not change:
  - * No Multi-CD player is connected to this product.
  - * No cassette tape is set in this product.
  - * No magazine is set in the Multi-CD player.
  - * AUX (external input) is set to OFF. (Refer to page 37.)

2. Raise or lower the volume.



3. Turn the source OFF.



Hold for 1 second or more

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Basic Operation of Tuner

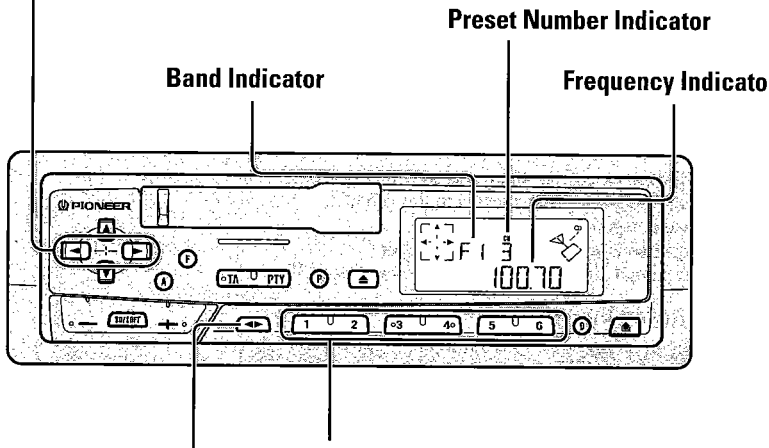
This product's AF function can be switched ON and OFF. AF should be switched OFF for normal tuning operations. (Refer to page 17.)

Manual and Seek Tuning

- **You can select the tuning method by changing the length of time you press the ◄/► button.**

Manual Tuning (step by step)	0.3 seconds or less
Seek Tuning (automatically)	0.3 – 2 seconds
Manual Tuning (continuously)	2 seconds or more

Note:
- "◯" stereo indicator lights when a stereo station is selected.



Band

F1 (FM1) → F2 (FM2) → F3 (FM3) → MW/LW

Preset Tuning

- **You can memorize broadcast stations in buttons 1 through 6 for easy, one-touch station recall.**

Preset station recall	2 seconds or less
Broadcast station preset memory	2 seconds or more

Note:
- Up to 18 FM stations (6 in F1 (FM1), F2 (FM2) and F3 (FM3)) and 6 MW/LW stations can be stored in memory.
- You can also use the ▲ or ▼ buttons to recall broadcast stations memorized in buttons through .

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Basic Operation of Cassette Player

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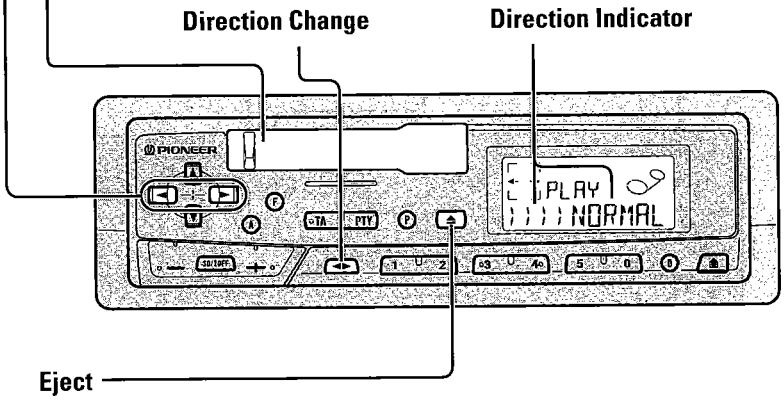
Fast Forward/Rewind and Music Search

- **Each press of the ◄ button selects Rewind or Rewind-Music Search.**
  REW (Rewind) → R-MS (Rewind-Music Search) → Normal Playback
- **Each press of the ► button selects Fast forward or Forward-Music Search.**
  FF (Fast forward) → F-MS (Forward-Music Search) → Normal Playback

Note:
- Fast forward/Rewind and Music Search can be canceled by pressing the ◄► button.

Cassette Loading Slot

Note:
- "METAL" appears on the display for 2 seconds when a metal or chrome tape is inserted. Nothing is displayed for a normal tape.



Note:
- The Tape function can be turned ON/OFF with the cassette tape remaining in this product. (Refer to page 6.)

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Basic Operation of Multi-CD Player

This product can control one or more multi-CD players. (There are some types of Multi-CD players such as "CDX-P630S" which you cannot connect more than one.)

Switching the Multi-CD Player

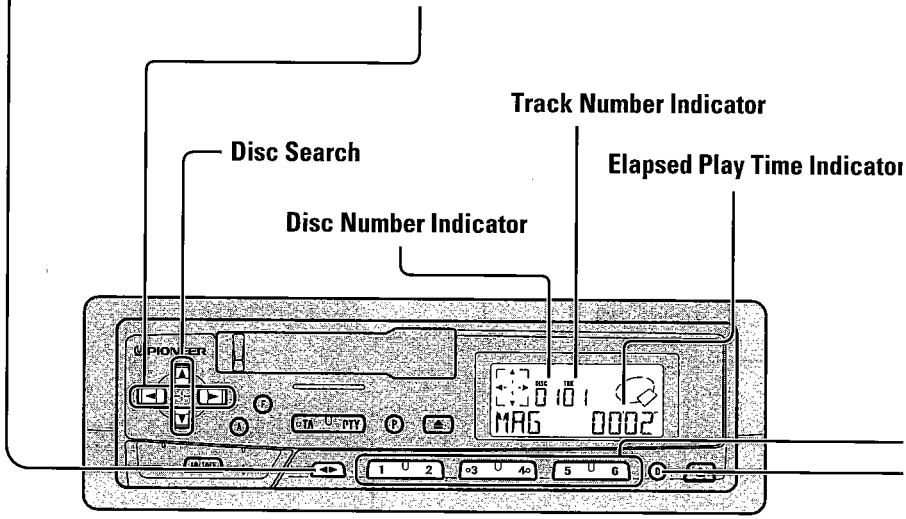
Using a multiple connection adapter lets you connect up to three Multi-CD players.

M-CD 1 → M-CD 2→ M-CD 3
(Displayed for about 2 seconds.)

Track Search and Fast Forward/Reverse

- **You can select between Track Search or Fast forward/Reverse by pressing the ◄/► button for a different length of time.**

Track Search	0.5 seconds or less
Fast forward/Reverse	Continue pressing



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Disc Number Search (for 6-Disc, 12-Disc types)

- **You can select discs directly with the 1 to 6 buttons. Just press the number corresponding to the disc you want to listen to.**

Note:
- When a 12-Disc Multi-CD Player is connected and you want to select disc 7 to 12, press the 1 to 6 buttons for 2 seconds or longer.

Disc Number Rough Search (for 50-Disc type only)

This handy function lets you select discs loaded in a 50-Disc Multi-CD Player using the 1 to 5 buttons. The 50 discs are divided into five blocks, with each of the 1 to 5 buttons assigned to a block.

- **Select the desired block with the 1 to 5 button.**

Note:
- After completing a rough search, use the ▲ and ▼ buttons to select a desired disc.

Displaying Disc Titles

- **Press the DISPLAY button, to change the Disc Title display of the current disc.**

Note:
- If you switch displays when disc titles have not been input, "NO TITLE" is displayed for about 8 seconds.
- Repeat the preceding operation to return to the normal display.

Note:
- The multi-CD player may perform a preparatory operation, such as verifying the presence of a disc or reading disc information, when the power is turned ON or a new disc is selected for playback. "READY" is displayed.
- When a magazine is loaded into a 50-Disc type Multi-CD Player, information on all the discs in the magazine is read.
  If you start playing a disc on a 50-Disc type Multi-CD Player before reading of information on all discs has been completed, reading of information stops part way through. This will prevent you from using a number of functions. (If you try and use these functions, "NOT READY" is displayed.)
  If this happens, reading of information begins again when you switch to a component other than the 50-Disc type Multi-CD Player.
- If the multi-CD player cannot operate properly, an error message such as "ERROR-14" 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.
- "LOAD" will be displayed in the following cases:
  * If the disc in the extra tray in selected.
  * If the disc in moved from the extra tray to the magazine.
  (Refer to the 50-Disc type multi-CD player owner's manual.)

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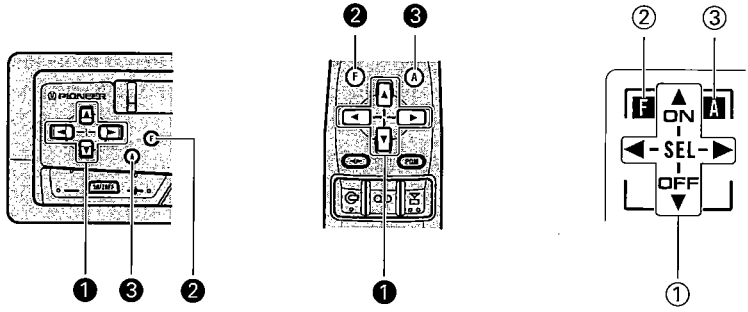
Corresponding Display Indications and Buttons

This product's display features Key Guidance Indicators. These light to indicate which of the ▲/▼/◄/►, FUNCTION and AUDIO buttons you can use. When you're in the Function Menu (refer to next section), Detailed Setting Menu (refer to page 13), Initial Setting Menu (refer to page 36) or Audio Menu (refer to page 32), they also make it easy to see which ▲/▼/◄/► buttons you can use to switch functions ON/OFF, switch repeat selections and perform other operations.
Indicator and corresponding buttons are shown below.

■ Head Unit **■ Remote Controller** **■ Display**



When ① is lit in the display, perform appropriate operations with the ❶ buttons.
When ② is lit in the display, it indicates that you are in the Function Menu, Detailed Setting Menu or Initial Setting Menu. You can switch between each of these menus and between different modes in the menus using button ❷ on the head unit or remote controller.
When ③ is lit in the display, it indicates you are in the Audio Menu. You can switch between modes in the Audio Menu using button ❸ on the head unit or remote controller.

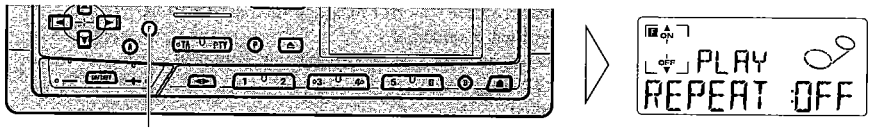
Entering the Function Menu

The Function Menu lets you operate simple functions for each source.

Note:

- After entering the Function Menu, if you do not perform an operation within about 30 seconds, the Function Menu is automatically canceled.

1. Select the desired mode in the Function Menu. (Refer to "Function Menu functions".)



Each press changes the Mode ...

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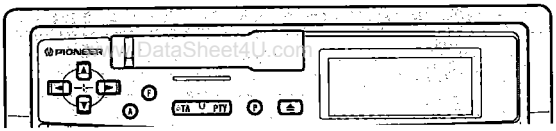
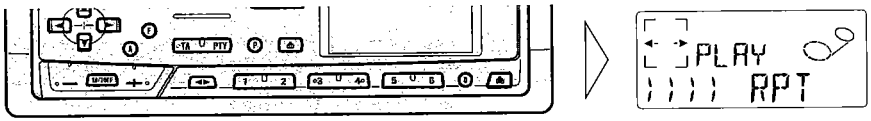
2. **Operate a mode. (e.g. Repeat Play)**



The button used and the operation it performs are indicated by the key guidance indicator. Press the ▲ button to switch the key guidance indicator ON, and the ▼ button to switch it OFF.

3. **Cancel the Function Menu.**



Function Menu Functions

The following chart shows functions for each source in the Function Menu. The chart also shows indications for each function, operations and buttons used to perform operations. For more details, or when you want to know about an operation, refer to the page number indicated in the chart.

■ Tuner

Function name (Display)	Button : Operation	Page
Best Stations Memory (BSM)	▲:ON ▼:OFF	15
Regional (REG)	▲:ON ▼:OFF	18
Local Seek Tuning (LOCAL)	1 ▲:ON ▼:OFF 2 ◄ or ►:Select (Sensitivity)	15
TA Function (TA)	▲:ON ▼:OFF	19
PTY Search Setting (PTY SEL)	◄ or ►:Select (Program type)	22
PTY Search Function (PTY SEL)	▲:ON ▼:OFF	23
AF Function (AF)	▲:ON ▼:OFF	17

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■ Cassette Player

Function name (Display)	Button : Operation	Page
Repeat Play (REPEAT)	▲:ON ▼:OFF	24
Blank Skip (B-SKIP)	▲:ON ▼:OFF	24
Radio Intercept (RI)	►:ON ◄:OFF	25
Dolby B NR (B NR)	►:ON ◄:OFF	25

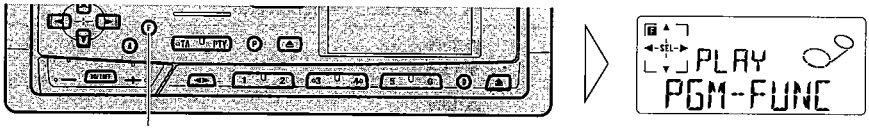
■ Multi-CD Player

Function name (Display)	Button : Operation	Page
Repeat Modes (REPEAT)	◄ or ►:Select (Play range)	26
Disc Title List (TITLE LIST)	1 ◄ or ►:Select (Disc Title) 2 ▲:Play	31
Random Play (RANDOM)	▲:ON ▼:OFF	27
Scan Play (SCAN)	▲:ON ▼:OFF	26
ITS Play (ITSPLAY)	▲:ON ▼:OFF	29
Pause (PAUSE)	▲:ON ▼:OFF	28
CD Sound Quality Adjustment (COMP)	▲ or ▼:Select (Sound Quality Function)	27

Entering the Detailed Setting Menu

In the Detailed Setting Menu, you can operate convenient, complex functions for each source.

1. Enter the Detailed Setting Menu.



Hold for 2 seconds

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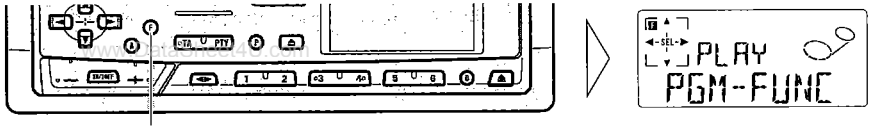
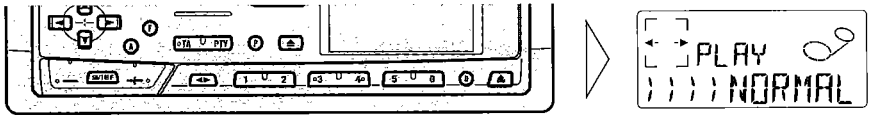
2. **Select the desired mode. (Refer to "Detailed Setting Menu functions".)**



Each press changes the Mode ...

3. **Operate a mode.**

4. **Cancel the Detailed Setting Menu.**



Note:

- You can cancel the Detailed Setting Menu by pressing the FUNCTION button again for 2 seconds or more.

Detailed Setting Menu Functions

The following chart shows functions for each source in the Detailed Setting Menu. The chart also shows indications for each function, operations and buttons used to perform operations. For more details, or when you want to know about an operation, refer to the page number indicated in the chart.

■ Tuner

Function name (Display)	Button : Operation	Page
Programmable Function (PGM-FUNC)	1 ◄ or ►:Select (Function) 2 ▲:Memory	42

■ Cassette Player

Function name (Display)	Button : Operation	Page
Programmable Function (PGM-FUNC)	1 ◄ or ►:Select (Function) 2 ▲:Memory	42

■ Multi-CD Player

Function name (Display)	Button : Operation	Page
Disc Title Input (TITLE IN)	1 ▲ or ▼:Select (Letter) 2 ◄ or ►:Select (Position) 3 ►:Memory	30
ITS Programming (ITS)	▲:Memory	28
Programmable Function (PGM-FUNC)	1 ◄ or ►:Select (Function) 2 ▲:Memory	42

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Local Seek Tuning (LOCAL)

When Local mode is ON, you can only select broadcast stations providing strong reception.

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1. **Press the FUNCTION button and select the Local mode (LOCAL) in the Function Menu.**

2. **Switch the Local ON/OFF with the ▲/▼ buttons.**

3. **Select the desired Local Seek sensitivity with the ◄/► buttons.**

FM : LOCAL 1 ↔ LOCAL 2 ↔ LOCAL 3 ↔ LOCAL 4
MW/LW : LOCAL 1 ↔ LOCAL 2

Note:

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

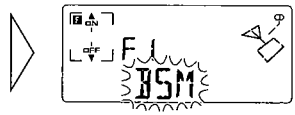
Best Stations Memory (BSM)

The BSM function stores stations in memory automatically.

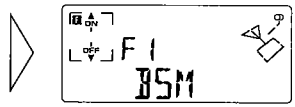
1. **Press the FUNCTION button and select the BSM mode (BSM) in the Function Menu.**

2. **Switch the BSM ON with the ▲ button.**

The stations with the strongest signals will be stored under buttons 1–6 and in order of their signal strength.



- **To cancel the process, press the ▼ button in the Function Menu before memorization is complete.**



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What is RDS?

RDS (Radio Data System) is a system for transmitting data along with FM programs. This data, which is inaudible, provides a variety of features such as: program service name, program type display, traffic announcement standby, automatic tuning and program type tuning, intended to aid radio listeners in tuning to a desired station.

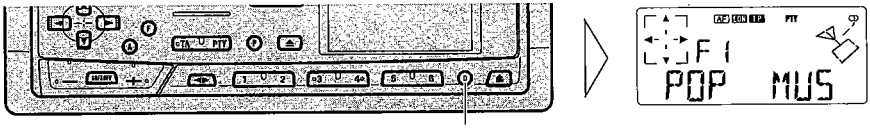
Note:

- RDS service may not be provided by all stations.
- RDS functions, like AF (Alternative frequencies search) and TA (Traffic Announcement standby), are only active when your radio is tuned to RDS stations.

Program Service Name Display

With this function, the names of networks/stations providing RDS services replace the frequency on the display a few seconds after they are tuned in.

- **When you want to know PTY Information or the frequency of the current station, change the display.**



Each press changes the Display ...

Each press of the DISPLAY button selects the display in the following order:
Program Service Name → PTY Information → Frequency

Note:

- After switching displays, if you do not perform an operation within 8 seconds, the Program Service Name is automatically displayed.

■ PTY Information

PTY (Program Type ID code) information for the currently tuned station appears on the display for 8 seconds. The information is correlated with the list in the section "PTY Function" on page 21.

■ Frequency

The frequency of the current station appears on the display.

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AF Function (AF)

The AF (Alternative Frequencies search) function is used to search for other frequencies in the same network as the currently tuned station. It automatically retunes the receiver to another frequency in the network which is broadcasting a stronger signal when there are problems with reception of the currently tuned station or better reception is possible on a different frequency.

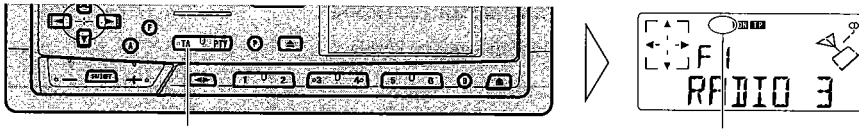
Note:

- AF tunes the receiver only to RDS stations when you use Seek tuning or BSM Auto Memory with the "AF " indicator ON.
- When you recall a preset station, the tuner may update the preset station with a new frequency from the station's AF list. (This is only available when using presets on the FM1 band.) No preset number appears on the display if the RDS data for the station received differs from that for the originally stored station.
- Sound may be temporarily interrupted by another program during an AF frequency search.
- When the tuner is tuned to a non-RDS station, the "AF " indicator flashes.
- AF can be switched ON or OFF independently for each FM band.

Activating/Deactivating the AF Function

AF is set to ON by default.

- **Turn AF to OFF.**



Hold for 2 seconds

"AF " disappears

To turn AF back ON, repeat the preceding operation.

Note:

- You can also switch the AF Function ON/OFF in the Function Menu.

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PI Seek Function

The tuner searches for another frequency broadcasting the same programming. "PI SEEK" appears on the display and the radio volume is muted during a PI Seek. The muting is discontinued after completion of the PI Seek, whether or not the PI seek has succeeded. If the PI Seek is unsuccessful, the tuner returns to the previous frequency.

PI Seek

If the tuner fails to locate a suitable alternative frequency or if the broadcasting signal is too weak for proper reception, the PI Seek will automatically start.

Auto PI Seek (for preset station)

When preset stations cannot be recalled, as when traveling long distances, this product can be set to perform PI Seek also during preset recall.
The default setting for Auto PI Seek is OFF.

Note:
- Refer to "Initial Setting Menu" for details on how to switch Auto PI Seek ON/OFF.

Regional Function (REG)

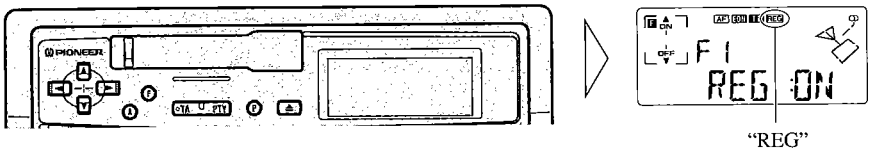
When AF is used to retune the tuner automatically, REG (regional) limits the selection to stations broadcasting regional programs.

Note:
- Regional programming and regional networks are organized differently depending on the country (i.e., they may change according to the hour, state or broadcast area).
- The preset number may disappear on the display if the tuner tunes in a regional station which differs from the originally set station.

Activating REG

The REG function can be turned ON independently for each FM band.

1. **Press the FUNCTION button and select the REG mode (REG) in the Function Menu.**
2. **Activate or deactivate REG while in an FM band.**



"REG"

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TA Function (TA)

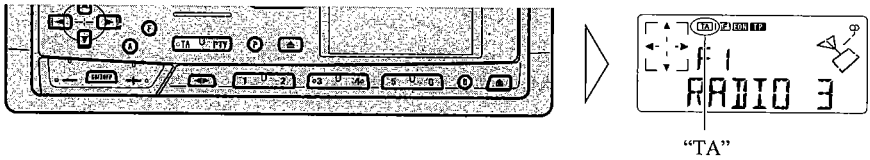
The TA (Traffic Announcement standby) function lets you receive traffic announcements automatically, no matter what source (tuner, cassette player or multi-CD player) you are listening to. The TA function can be activated for either a TP station (a station that broadcasts traffic information) or an EON TP station (a station carrying information which cross-references TP stations).

Activating/Deactivating the TA Function

1. **Tune in a TP or EON TP station.**

   The "TP" indicator lights when the tuner is tuned to a TP station, and both the "EON" and "TP" indicators light when it is tuned to an EON TP station.

2. **Activate the TA function.**



The "TA" indicator lights, indicating that the tuner is waiting for traffic announcements.

Repeat the preceding operation when no traffic announcement is being received to deactivate the TA function.

Note:

- You can also switch the TA Function ON/OFF in the Function Menu.
- Only the (+), (–), TA/AF, AUDIO, DISPLAY and SO buttons can be used during traffic announcement reception.
- The system switches back to the original source following traffic announcement reception.
- The TA function can be activated from the cassette player or multi-CD player mode if the tuner was last set to the FM band but not if it was last set to the MW/LW band.
- If the tuner was last set to FM, turning on the TA function lets you operate other tuning functions while listening to a cassette or CD.
- Only TP or EON-TP stations are tuned in during the Seek Tuning mode when the "TA" indicator is ON.
- Only TP or EON-TP stations are stored by BSM when the "TA" indicator is ON.

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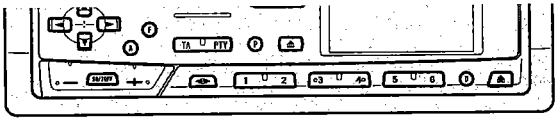
Canceling Traffic Announcements

- **Press the TA/AF button while a traffic announcement is being received to cancel the announcement and return to the original source.**

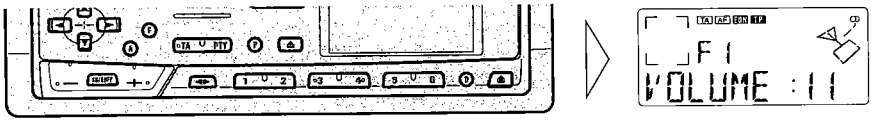


The announcement is canceled but the tuner remains in the TA mode until the TA/AF button is pressed again.

Adjusting the TA Volume

When a traffic announcement begins, the volume adjusts automatically to a preset level to enable you to hear the announcement clearly.

- **Set the volume by adjusting it during reception of a traffic announcement.**



The newly set volume is stored in memory and recalled for subsequent traffic announcements.

TP Alarm Function

About 30 seconds after the "TP" or "EON" indicator is extinguished due to a weak signal, a 5 second beep sounds to remind you to select another TP or EON-TP station.

- **If you are listening to the tuner, tune in another TP station or EON-TP station.**

In the cassette player or multi-CD player mode, the tuner automatically seeks out the TP station with the strongest signal in the current area 10 (or 30)* seconds after "TP" disappears from the display.

*** Time taken before Seek begins.**

TA function ON	10 seconds
TA, AF functions ON	30 seconds

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PTY Function

The PTY function enables you to select stations by the type of programming they broadcast (PTY Search). It also provides automatic tuning to emergency broadcasts (PTY Alarm).

Note:

- PTY code program types are as follows:

1. NEWS:	News.
2. AFFAIRS:	Current affairs.
3. INFO:	General information and advice.
4. SPORT:	Sports programs.
5. EDUCATE:	Educational programs.
6. DRAMA:	All radio plays and serials.
7. CULTURE:	Programs concerned with any aspect of national or regional culture.
8. SCIENCE:	Programs about nature, science and technology.
9. VARIED:	Light entertainment programs.
10. POP MUS:	Popular music.
11. ROCK MUS:	Contemporary modern music.
12. EASY MUS:	Easy listening music.
13. L. CLASS:	Light classical music.
14. CLASSICS:	Serious classical music.
15. OTH MUS:	Other types of music, which can't be categorized.
16. WEATHER:	Weather reports/Meteorological information.
17. FINANCE:	Stock market reports, commerce, trading etc.
18. CHILDREN:	Children's programs.
19. SOCIAL:	Social affairs programs.
20. RELIGION:	Religion affairs programs or services.
21. PHONE IN:	Phone in based programs.
22. TOURING:	Travel programs, not for announcements about traffic problem.
23. LEISURE:	Programs about hobbies and recreational activities.
24. JAZZ:	Jazz music based programs.
25. COUNTRY:	Country music based programs.
26. NAT MUS:	National music based programs.
27. OLDIES:	Oldies music, 'Golden age' based programs.
28. FOLK MUS:	Folk music based programs.
29. DOCUMENT:	Documentary programs.

- If a PTY code of zero is received from a station, "NONE" will be displayed. This indicates that the station has not defined its program contents.
- If the signal is too weak for this product to pick up the PTY code, "NO PTY" will be displayed.

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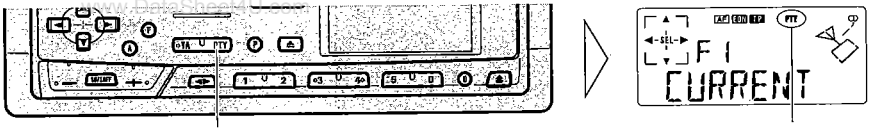
PTY Search Setting Function (PTY SEL)

1. Enter the PTY Search setting mode.



Hold for 2 seconds

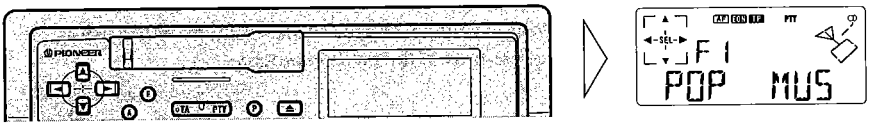
"PTY"

The "PTY" indicator lights and the name of a program type appears on the display for 5 seconds.

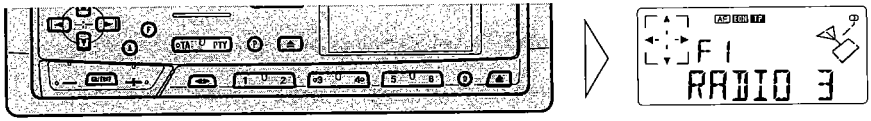
Note:

- CURRENT sets desired PTY to the program type of the current station (only for RDS stations broadcasting PTY information).

2. Select one of the PTYs.



3. When the desired programming type appears on the display, return to the normal display.



Note:

- You can also select the PTY Search Setting PTY mode (PTY SEL) in the Function Menu, and switch the PTY Search Function ON/OFF.

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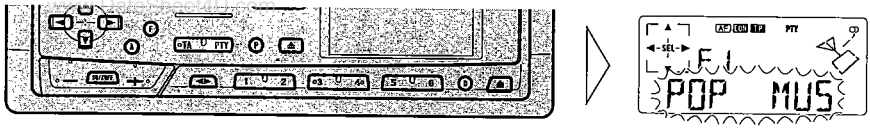
PTY Search Function (PTY SEL)

- **Initiate a PTY search.**



The tuner searches for a station broadcasting the desired PTY.

Note:

- The program of some stations may differ from that indicated by the transmitted PTY.
- If no station broadcasting the selected programming type is found, "NOT FOUND" is displayed for about 2 seconds, and the tuner returns to the original station.

PTY Alarm

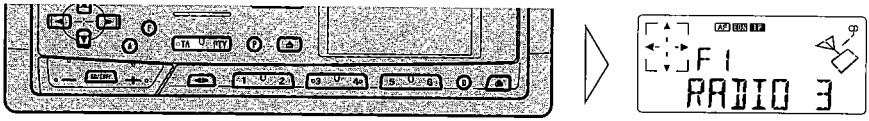
PTY Alarm is a special PTY code for announcements regarding emergencies such as natural disasters. When the tuner receives the radio alarm code, "ALARM" appears on the display and the volume adjusts to the TA volume. When the station stops broadcasting the emergency announcement, the system returns to the previous source.

Note:

- Only the (+), (–), TA/AF, AUDIO, DISPLAY and SO buttons can be used during emergency announcement reception.
- The system switches back to the original source following emergency announcement reception.

Canceling Emergency Announcements

- **Press the TA/AF button during emergency announcement reception to cancel the announcement and return to the previous source.**



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Repeat Play (REPEAT)

The repeat mode lets you hear the same song over again.

1. **Press the FUNCTION button and select the Repeat mode (REPEAT) in the Function Menu.**

2. **Switch the Repeat Play ON/OFF with the ▲/▼ buttons.**

Blank Skip (B-SKIP)

This function fast-forwards to the next song automatically if there is a long period of silence (12 seconds or longer) between songs.

1. **Press the FUNCTION button and select the Blank Skip mode (B-SKIP) in the Function Menu.**

2. **Switch the Blank Skip ON/OFF with the ▲/▼ buttons.**

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Radio Intercept (RI)

This function allows you to listen to the radio during tape fast-forwarding/rewinding.

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- The radio intercept function does not work during a Music Search operation.

1. **Press the FUNCTION button and select the Radio Intercept mode (RI) in the Function Menu.**

2. **Switch the Radio Intercept ON/OFF with the ◄/► buttons.**

Dolby B NR (B NR)

Switch to the Dolby B NR on when listening to a cassette recorded with Dolby B NR.

1. **Press the FUNCTION button and select the Dolby B NR mode (B NR) in the Function Menu.**

2. **Switch the Dolby B NR ON/OFF with the ◄/► buttons.**

"DD B"

Note:

- Dolby noise reduction manufactured under license from Dolby Laboratories Licensing Corporation. "DOLBY" and the double-D symbol are trademarks of Dolby Laboratories Licensing Corporation.

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Repeat Modes (REPEAT)

There are four repeat modes (play range): One-track Repeat, Disc Repeat, Multi-CD player Repeat (the selected Multi-CD player) and All Repeat (all Multi-CD players). (Default mode is Multi-CD player Repeat.)

1. **Press the FUNCTION button and select the Repeat Selecting mode (REPEAT) in the Function Menu.**

2. **Select the desired Repeat Mode with the ◄/► buttons.**

   Multi-CD player Repeat ("MCD" is displayed) → All Repeat ("ALL" is displayed) → One-track Repeat ("TRK" is displayed) → Disc Repeat ("DSC" is displayed)

Note:

- All Repeat is available only when two or more multi-CD players are installed.
- If you go beyond the play range of the selected repeat mode by performing Track Search, Fast forward/Reverse or selecting another disc or Multi-CD player, the mode changes to an applicable Repeat mode.

Scan Play (SCAN)

In the Disc Repeat mode, the beginning of each track on a single disc is scanned for about 10 seconds. In the Multi-CD player Repeat and All Repeat modes, the beginning of the first track on each disc is scanned for about 10 seconds.

1. **Press the Function button and select the Scan mode (SCAN) in the Function Menu.**

2. **Switch Scan Play ON with the ▲ button.**

   After selecting the desired repeat mode play range from those referred to in "Repeat Modes" above, switch Multi-CD Player Scan Play ON.

3. **When you find the desired track (or disc), cancel Scan Play with the ▼ button.**

   If the Function Menu has been canceled automatically, select the Scan mode in the Function Menu again.

Display	Play range
TRACK SCAN	Disc Repeat
DISC SCAN	Multi-CD player Repeat
SCAN	All Repeat

Note:

- Scan Play is canceled automatically after all the tracks or discs have been scanned.

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Random Play (RANDOM)

Tracks are played at random within the selected repeat mode play range as explained in "Repeat Modes" on page 26.

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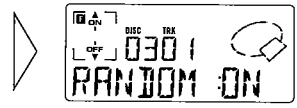
1. **Press the FUNCTION button and select the Random mode (RANDOM) in the Function Menu.**

2. **Switch the Random Play ON/OFF with the ▲/▼ buttons.**

   After selecting the desired repeat mode play range from those referred to in "Repeat Modes" on page 26, switch Multi-CD Player Random Play ON.



Display	Play range
D-RDM	Disc Repeat
M-RDM	Multi-CD player Repeat
RDM	All Repeat

CD Sound Quality Adjustment (COMP)

Using the COMP (Compression) and DBE (Dynamic Bass Emphasis) functions enables Multi-CD player sound quality adjustment. Both of the functions enable adjustment on two levels.

■ COMP

The COMP (Compression) function eliminates distortions caused by imbalances between loud and subdued sounds at higher volumes.

■ DBE

DBE (Dynamic Bass Emphasis) boosts bass levels to give a fuller sound.

1. **Press the FUNCTION button and select the COMP/DBE switching mode (COMP) in the Function Menu.**

2. **Select the desired mode with the ▲/▼ buttons.**

   COMP:OFF → COMP 1 → COMP 2 → COMP:OFF → DBE 1 → DBE 2

Note:

- You can use these functions with Multi-CD players that have them. If the player does not feature the COMP/DBE functions, "NO COMP" is displayed if you try to use them.

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Pause (PAUSE)

Let's you pause play of the track currently playing.

1. **Press the FUNCTION button and select the Pause mode (PAUSE) from the Function Menu.**

2. **Switch the Pause mode ON/OFF with the ▲/▼ buttons.**

ITS (Instant Track Selection)

The ITS function allows you to search for the track you wish to play when one or more multi-CD players are installed. You can use ITS to program automatic playback of up to 24 tracks per disc from up to 100 discs. (You can store ITS program and Disc Title data for up to 100 discs in memory.)

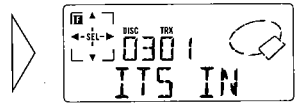
ITS Programming (ITS)

ITS programming can be conducted in any multi-CD player playback mode except ITS Play.

1. **Play the track you wish to program.**

2. **Select the ITS Programming mode in the Detailed Setting Menu. (Refer to Page 13.)**

3. **Program the desired track with the ▲ button.**



Note:

- After 100 discs have been programmed, data for a new disc will overwrite the data for the disc that has not been played back for the longest time.

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ITS Play (ITSPLAY)

ITS play of tracks is performed within the play range explained in the "Repeat Modes" section.

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1. **Press the FUNCTION button and select the ITS Play mode (ITSPLAY) from the Function Menu.**

2. **Switch ITS Play ON/OFF with the ▲/▼ buttons.**

   After selecting the desired repeat mode play range from those referred to in "Repeat Modes" on page 26, switch ITS Play ON.

Note:

- If no track in the current range is programmed for ITS Play, "ITS EMPTY" is displayed.

Erase a Track Program

1. **Select the track you wish to erase, during ITS Play.**
2. **Select the ITS Programming mode (ITS) in the Detailed Setting Menu. (Refer to page 13.)**

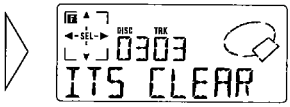
3. **Erase the track program with the ▼ button.**

   ITS is canceled and playback of the next ITS-programmed track begins. If there are no more programmed tracks in the current range, "ITS EMPTY" is displayed and normal play resumes.

Erase a Disc Program

1. **Select the disc you wish to erase, while the disc is playing.**
2. **Select the ITS Programming mode (ITS) in the Detailed Setting Menu. (Refer to page 13.)**

3. **Erase the disc program with the ▼ button.**



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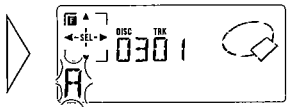
Disc Title

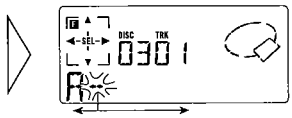
Disc Title Input (TITLE IN)

You can input Titles up to 10 letters long for up to 100 discs. Using this function lets you easily search for and select a desired disc for play. (You can store ITS program and Disc Title data for up to 100 discs in memory.)

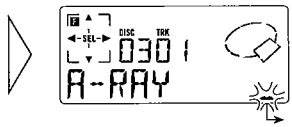
1. **Play the disc you wish to input the disc title.**
2. **Select the Disc Title Input mode (TITLE IN) in the Detailed Setting Menu. (Refer to page 13.)**
3. **Select letters, numbers and symbols with the ▲/▼ buttons.**
   To insert a space, select the flashing cursor "_".



4. **Move the box left and right with the ◄/► buttons.**



5. **When you have completed title input, make the 10th letter flash, then memorize by pressing the ► button.**



Note:

- Titles remain in memory, even after the disc has been removed from the magazine, and are recalled when the disc is reinserted.
- After the titles for 100 discs have been entered, data for a new disc will overwrite the data for the disc that has not been played back for the longest time.
- You can display the disc title of the disc currently playing. For details, refer to "Switching between displays" on page 10.

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Disc Title List (TITLE LIST)

Follow the procedures below to play a disc for which you have input the title in a multi-CD player:

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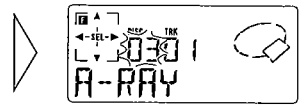
1. **Press the FUNCTION button and select the Disc Title List mode (TITLE LIST) in the Function Menu.**

2. **Each time you press the ◄/► buttons, discs in the magazine are displayed in order.**

   Nothing is displayed for disc whose titles have not been input.



3. **To play a desired disc, press the ▲ button when the disc's name is displayed.**

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Entering the Audio Menu

With this Menu, you can adjust the sound quality.

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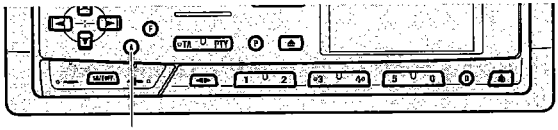
- After entering the Audio Menu, if you do not perform an operation within about 30 seconds, the Audio Menu is automatically canceled.

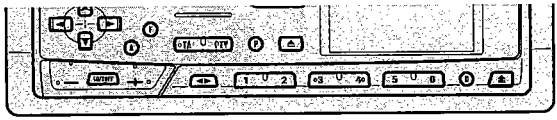
1. Select the mode you want to adjust in Audio Menu.



Each press changes the Mode ...

2. Operate a mode.

3. Cancel the Audio Menu.



Audio Menu Functions

The Audio Menu features the following functions.

Balance Adjustment (FADER)

This function allows you to select a Fader/Balance setting that provides ideal listening conditions in all occupied seats.

1. Press the AUDIO button and select Fader/Balance mode (FADER) in the Audio Menu.

2. Adjust front/rear speaker balance with the ▲/▼ buttons.

"FADER F15" – "FADER R15" is displayed as it moves from front to rear.

Note:

- "FADER 0" is the proper setting when 2 speakers are in use.

Continued overleaf.

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3. **Adjust left/right speaker balance with the ◄/► buttons.**

   "BAL L 9" – "BAL R 9" is displayed as it moves from left to right.

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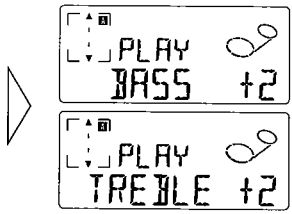
Bass/Treble Adjustment (BASS, TREBLE)

This product is equipped with two tone adjustment modes, the Bass (BASS) and Treble (TREBLE) modes.

1. **Press the Audio button and select Bass mode (BASS) or the Treble mode (TREBLE) in the Audio Menu.**

2. **Increase or decrease the intensity of the Bass or Treble, whichever is selected, with the ▲/▼ buttons.**

   The display shows "+6" – "–6".



Loudness Adjustment (LOUD)

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

1. **Press the AUDIO button and select the Loudness mode (LOUD) in the Audio Menu.**

2. **Switch the Loudness function ON/OFF with the ▲/▼ buttons.**

"LOUD"

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Front Image Enhancer Function (FIE)

The F.I.E. (Front Image Enhancer) function is a simple method of enhancing front imaging by cutting mid- and high-range frequency output from the rear speakers, limiting their output to low-range frequencies.

Precaution:
- When the F.I.E. function is deactivated, the rear speakers output sound is all frequencies, not only bass sounds. Reduce the volume before disengaging F.I.E. to prevent a sudden increase in volume.

1. **Press the AUDIO button and select the F.I.E. mode (FIE) in the Audio Menu.**

2. **Switch the F.I.E. function ON/OFF with the ▲/▼ buttons.**

"FIE"

Note:
- After switching the F.I.E. function ON, adjust the front and rear speaker volumes selecting the Fader/Balance mode in the Audio Menu for better balanced listening.
- Set F.I.E. function OFF when using 2 speaker system.

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Detaching and Replacing the Front Panel

Theft Protection

The front panel of the head unit is detachable to discourage theft.

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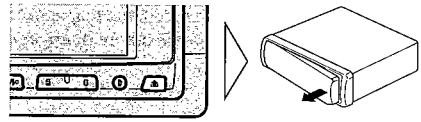
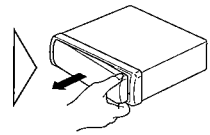
Detaching the Front Panel

1. **Eject the front panel.**

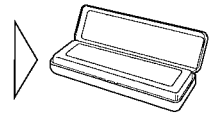


2. **To remove the front panel, pull its right-hand side toward you.**

   Take care not to grip it tightly or drop it.

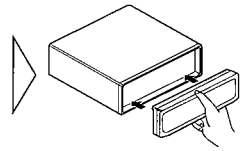


3. **Use the protective case provided to store/carry the detached front panel.**



Replacing the Front Panel

- **Replace the front panel by clipping it into place.**



Precaution:

- Never use force or grip the display tightly when removing or replacing the front panel.
- Avoid subjecting the front panel to excessive shocks.
- Keep the front panel out of direct sunlight and high temperatures.

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Initial Setting Menu

With this menu, you can perform initial settings for the unit.

Entering the Initial Setting Menu

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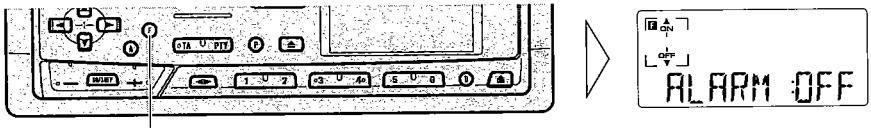
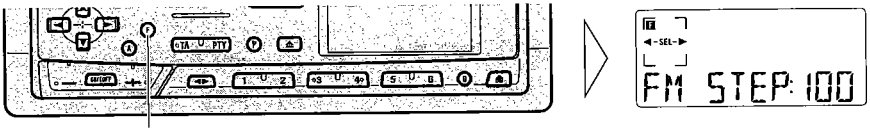
1. **Turn the source OFF.**
2. **Enter the Initial Setting Menu.**



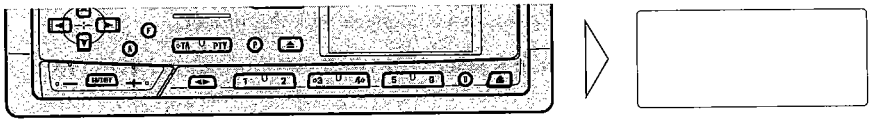
Hold for 2 seconds

3. **Select a desired mode.**



Each press changes the Mode ...

4. **Operate a mode.**
5. **Cancel the Initial Setting Menu.**



Note:

- **ALARM is a new feature of the "Removable Front Panel Alert". Refer to "RFP Alert Function" for details and instructions on how to use this function.**
- Holding down the Function button for 2 seconds also cancels the Initial Setting Menu.

Initial Setting Menu Functions

Changing the FM Tuning Step (FM STEP)

Normally set at 50 kHz during Seek tuning in the FM mode, the tuning step changes to 100 kHz when the AF or TA mode is activated.
It may be preferable to set tuning step to 50 kHz in the AF mode.

1. **Press the FUNCTION button and select the FM Tuning Step mode (FM STEP) in the Initial Setting Menu.**

Continued overleaf.

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2. **Select the desired tuning step with the ◄/► buttons.**

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Note:
- The tuning step remains set at 50 kHz during Manual tuning.
- The tuning step returns to 100 kHz if the battery is temporarily disconnected.

Switching the Auto PI Seek (A-PI)

During Preset Station PI Seek operation, you can switch the Auto PI Seek function ON/OFF. (Refer to "PI Seek Function" on page 18.)

1. **Press the FUNCTION button and select the Auto PI Seek mode (A-PI) in the Initial Setting Menu.**

2. **Switch the Auto PI Seek ON/OFF with the ▲/▼ buttons.**

Switching the AUX Mode (AUX)

It is possible to use auxiliary (AUX) equipment with this product.
Activate the AUX mode when using external equipment with this product.

1. **Press the FUNCTION button and select the AUX Setting mode (AUX) in the Initial Setting Menu.**

2. **Switch the AUX ON/OFF with the ▲/▼ buttons.**

Setting the Dimmer (DIMMER)

When this product's display is too bright, switch the Dimmer ON.

1. **Press the FUNCTION button and select the Dimmer mode (DIMMER) in the Initial Setting Menu.**

2. **Switch the Dimmer ON/OFF with the ▲/▼ buttons.**

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RFP Alert Function

In addition to the Removable Front Panel, Pioneer has incorporated a new feature **"Removable Front Panel Alert"**. This feature is designed to protect your new Pioneer car stereo as well as your vehicle contents.

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Activating the RFP Alert Feature

Pioneer has developed a menu display that allows you to set-up your Alert to meet your personal needs. By scrolling through this menu it is possible to select your own "Entry Delay Time", "Speaker Output Volume" and "Door System Type".
Initially from the factory the RFP Alert feature is not activated.

1. **Select the RFP Alert Feature ON/OFF mode (ALARM) in the Initial Setting Menu. (Refer to page 36.)**

2. **Press the ▲ button to switch the RFP Alert Feature ON.**
   Press the ▼ button to deactivate the RFP Alert Feature.

3. **Press the FUNCTION button for 2 seconds to enter the RFP Alert Setting Menu.**

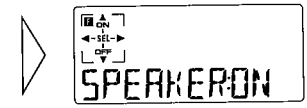
Setting Entry Delay Time

Initially the "Entry Delay Time" is set to 15 seconds. The "Entry Delay Time" can be adjusted to be 0, 5, 15, 30, 45 or 60 seconds.

1. **Decrease or increase the "Entry Delay Time" with the ◄/► buttons.**

0, 5, 15, 30, 45, 60

2. **Press the FUNCTION button to move to the next selection.**



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Activating Internal Speaker ON/ OFF

This feature allows you to select whether or not the speaker output is sounded when the "RFP Alert" is triggered. Initially from the factory the speaker output is activated. Toggling between ▲, ▼ buttons allows you to deactivate or activate the "Internal Speaker". If you switch the speaker output OFF, you can not change the "TEST MODE".

Speaker Volume Output Adjustment

If the "Internal Speaker Output" has been selected then it is possible to adjust the volume of the speaker output for when the Alert is triggered. To adjust the volume you must engage the "TEST MODE".

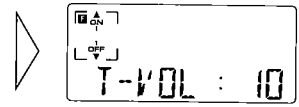
Note:

- If the "Internal Speaker Output" is turned OFF, then this menu will not appear.

1. **Select the "TEST MODE" with the ► button.**

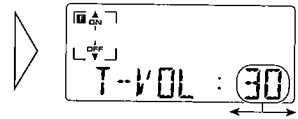
2. **Press the ▲ button to switch the "TEST MODE" ON.**

   In this mode the speakers will sound.



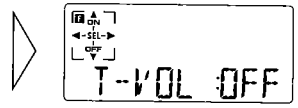
3. **Decrease or increase the volume with the volume buttons.**

   Display shows 10 – 30.



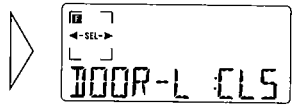
10 30

4. **After setting volume with the ▼ button, cancel the "TEST MODE", then move to the next selection.**



5. **Cancel the "TEST MODE" with the ◄ button.**

6. **Press the FUNCTION button to move to the next selection.**



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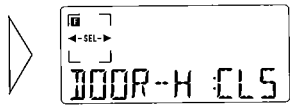
Selecting Door Switching Systems

It is necessary to select the correct "Door System Type" (Negative or Positive switching) for that of your vehicle. Initially, the system is set for vehicles with the grounding type (Negative switching).
Select the correct "Door system type" of your vehicle from below.

■ **Vehicles to select "DOOR-L :CLS"**
EUROPEAN, JAPANESE, GM, CHRYSLER

■ **Vehicles to select "DOOR-H :CLS"**
JAGUAR, MERCEDES*, FORD, etc.
* Some Models Only.

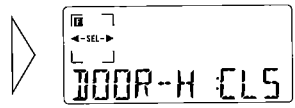
- **Select "DOOR-L :CLS" or "DOOR-H :CLS" with the ◄/► buttons.**



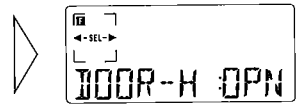
Door System Confirmation

The door system confirmation feature was incorporated to ensure that the correct door system type has been selected. (e.g. Set to "DOOR-H :CLS" for JAGUAR vehicles.)

1. **First, close all the vehicle's doors. If the correct door system type has been selected then the Display will show "DOOR-H :CLS".**
   If not, select the alternative door system type by pressing the ◄ or ► button. Lastly, confirm each door triggers the Alert by opening and closing each door.



2. **As the door is opened the display should change accordingly ("DOOR-H :CLS" – "DOOR-H :OPN").**



3. **Press the ◄► button and cancel the RFP Alert Setting Menu.**
   Setting of the "RFP Alert" is now complete.

Note:
- In case that the battery is disconnected, it may be necessary to reprogram the RFP Alert Menu; otherwise this setting needs to be done only once.

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Operation of "RFP Alert"

Providing the installation and setting of the "RFP Alert Setting Menu" has been performed correctly, operation of the "RFP Alert" is very simple.

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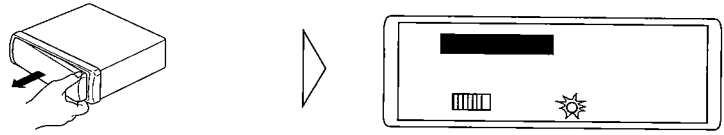
Arming Alert

To arm your Alert simply turn off the ignition and detach the front panel, as described on page 35. After detaching the front panel the "RFP Alert" will automatically arm itself after 30 seconds, providing all of the doors are closed. If after 30 seconds, a door still remains open the RFP Alert will not arm until the last door has been closed. After closing all of the doors, ensure that they are securely locked. The LED indicator on the head unit will flash as a visual deterrent. Your vehicle is now protected by your "RFP Alert".



Disarming Alert

Upon entering your vehicle, and within the "Entry Delay Time" set within the "RFP Alert Menu", attach your Pioneer Front Panel as described on page 35.
If you have forgotten your removable front panel simply, insert the ignition key in the ignition and turn the key from "OFF" to "ON" within the "Entry Delay Time."

Entry Detection

If the "RFP Alert" was not disarmed in accordance with "Disarming Alert," the "RFP Alert" will be triggered. The "RFP Alert" will sound for 60 seconds and will repeat 5 times if any door is left open or reopened. After the fifth time the "RFP Alert" will reset to prevent continuous sounding and prevent your battery from discharging.

Precaution:

- Upon returning to your vehicle and before opening any doors, check to see if the LED indicator is still flashing. If the LED is no longer flashing, it indicates that the Alert as sounded. Disarming, as described above, is still necessary.

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Using the PGM Button (PGM-FUNC)

The PGM (Programmable) button can memorize one of the functions in the Function Menu.
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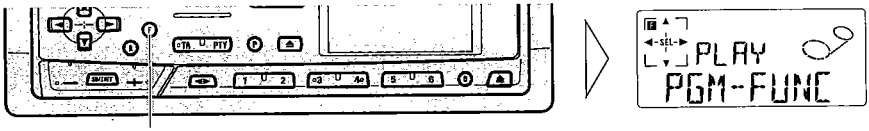
It is possible to memorize a different function for each source.

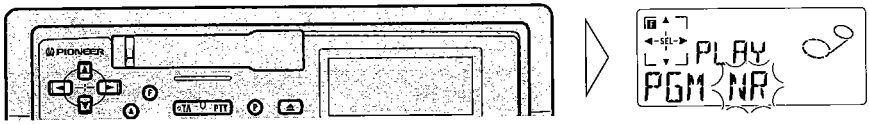
Setting the PGM Button

1. **Select the PGM button's setting mode (PGM-FUNC) in the Detailed Setting Menu. (Refer to page 13.)**

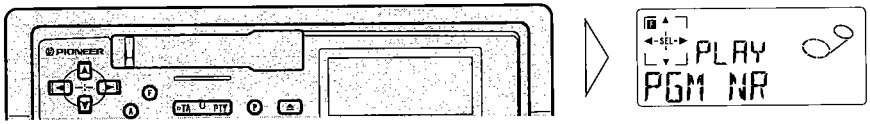


Hold for 2 seconds

2. **Select the function you want to memorize in the PGM button.**



3. **Memorize the function in the PGM button.**



Pressing the ◀▶ button cancels the Detailed Setting Menu.

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Using the PGM Button

The PGM button operates in a different way depending on the function programmed (memorized).

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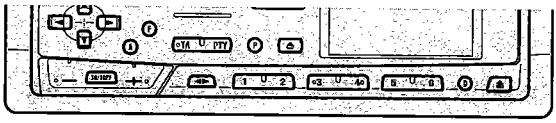
- **Use the PGM button.**



■ Tuner

Function name (Display)	Press	Hold for 2 seconds
Best Stations Memory (BSM)	OFF	ON
Regional (REG)	ON/OFF	——
Local Seek Tuning (LOCAL)	ON/OFF	Entering the Local Seek Sensitivity mode

■ Tape

Function name (Display)	Press	Hold for 2 seconds
Repeat Play (REPEAT)	ON/OFF	——
Blank Skip (B-SKIP)	ON/OFF	——
Radio Intercept (RI)	ON/OFF	——
Dolby B NR (B NR)	ON/OFF	——

■ Multi-CD Player

Function name (Display)	Press	Hold for 2 seconds
Pause (PAUSE)	ON/OFF	——
Repeat Modes (REPEAT)	Selecting the mode	——
Random Play (RANDOM)	ON/OFF	——
Disc Title List (TITLE LIST)	Enter the LIST mode	——
ITS	ITS Programming	ON/OFF

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Using the AUX Source

It is possible to use auxiliary (AUX) equipment with this product.
To listen to auxiliary equipment, switch the AUX mode in the Initial Setting Menu ON, and then select the desired source.

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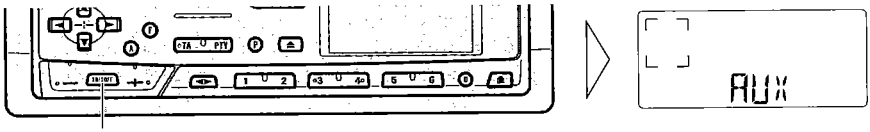
Selecting the AUX Source

- **Select AUX. (Refer to page 6.)**

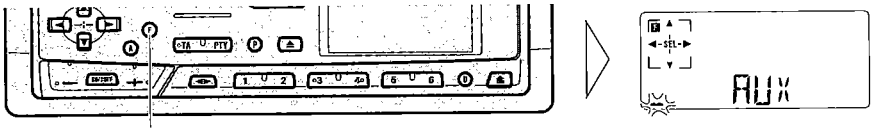


Each press changes the Mode ...

AUX Title Input

The display title for AUX source can be changed.

1. **Select the Aux Title Input mode (TITLE IN) in Detailed Setting Menu.**



Hold for 2 seconds

2. **Input the Aux Title.**

Refer to "Disc Title Input" on page 30, and perform procedures 3 to 5 in the same way.

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Precaution

About the Cassette Player

- A loose or warped label on a cassette tape may interfere with the eject mechanism of the unit or cause the cassette to become jammed in the unit. Avoid using such tapes or remove such labels from the cassette before attempting use.
- The music search and repeat functions may not work properly with the following kinds of recorded tapes because the gap between songs cannot be found correctly.
  * A tape with a gap of 4 seconds or less between songs.
  * A tape containing dialog, etc., with pauses lasting for 4 seconds or longer.
  * A tape with an extremely quiet passage in the music lasting for 4 seconds or longer.

About Cassette Tapes

- Do not use tapes longer than C-90 type (90 min.) cassettes. Longer tapes can interfere with tape transport.
- Storing cassettes in areas directly exposed to sunlight or high temperatures can distort them and subsequently interfere with tape transport.

- Store unused tapes in a tape case where there is no danger of them becoming loose or being exposed to dust.

Cleaning the Head

If the head becomes dirty, the sound quality will deteriorate and there will be sound dropouts and other imperfections in performance. In this case, the head must be cleaned.

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Specifications

General

Power source ..... 14.4 V DC (10.8 – 15.1 V allowable)
Grounding system ..... Negative type
Max. current consumption ..... 8.5 A
Dimensions
(mounting size) ..... 178 (W) × 50 (H) × 153 (D) mm
(front face) ..... 188 (W) × 58 (H) × 19 (D) mm
Weight ..... 1.2 kg

Amplifier

Maximum power output ..... 35 W × 4
Continuous power output ..... 22 W × 4
(DIN45324, +B = 14.4 V)
Load impedance ..... 4 Ω (4 – 8 Ω allowable)
Preout output level/output impedance ..... 500 mV/1 kΩ
Tone controls
(Bass) ..... ±12 dB (100 Hz)
(Treble) ..... ±12 dB (10 kHz)
Loudness contour ..... +10 dB (100 Hz), +7 dB (10 kHz)
(volume: –30 dB)

Cassette player

Tape ..... Compact cassette tape (C-30 – C-90)
Tape speed ..... 4.8 cm/sec.
Fast forward/rewinding time .... Approx. 100 sec. for C-60
Wow & flutter ..... 0.09% (WRMS)
Frequency response ..... Metal: 30 – 19,000 Hz (±3 dB)
Stereo separation ..... 45 dB
Signal-to-noise ratio
..... Metal: Dolby B NR IN: 67 dB (IEC-A network)
Dolby NR OUT: 61 dB (IEC-A network)

FM tuner

Frequency range ..... 87.5 – 108 MHz
Usable sensitivity
..... 11 dBf (1.0 µV/75 Ω, mono, S/N: 30 dB)
50 dB quieting sensitivity .... 16 dBf (1.7 µV/75 Ω, mono)
Signal-to-noise ratio ..... 70 dB (IEC-A network)
Distortion ..... 0.3% (at 65 dBf, 1 kHz, stereo)
Frequency response ..... 30 – 15,000 Hz (±3 dB)
Stereo separation ..... 40 dB (at 65 dBf, 1 kHz)

MW tuner

Frequency range ..... 531 – 1,602 kHz
Usable sensitivity ..... 18 µV (S/N: 20 dB)
Selectivity ..... 50 dB (±9 kHz)

LW tuner

Frequency range ..... 153 – 281 kHz
Usable sensitivity ..... 30 µV (S/N: 20 dB)
Selectivity ..... 50 dB (±9 kHz)

Note:

- Specifications and the design are subject to possible modification without notice due to improvements.

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