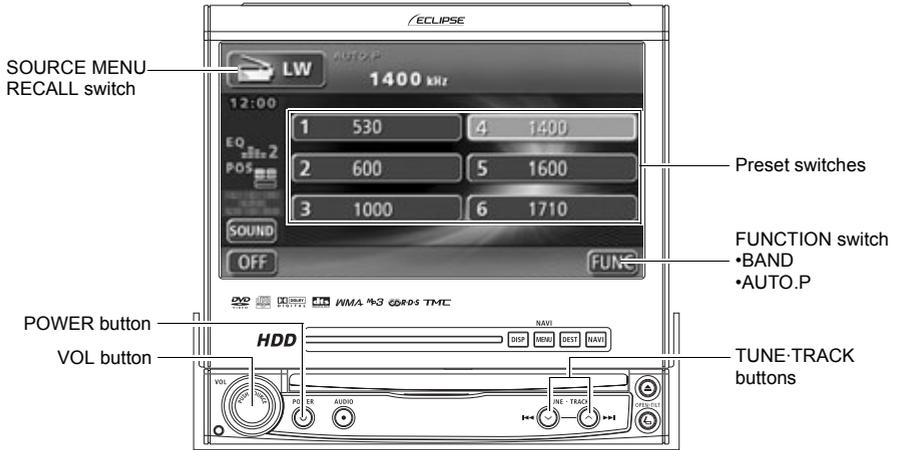


1. How to use the AM/FM radio



Listening to the AM/FM radio

Listening to the radio when the display is raised

- 1 Press **VOL** or touch the SOURCE MENU RECALL switch.
- 2 Touch **AM** for AM radio, or **FM** for FM radio.

Listening to the radio when the display is retracted

- 1 Press **VOL** .
- 2 Turn **VOL** to select AM or FM.
- 3 Press **VOL** .

Selecting radio stations

Manual selection

- 1 Press  or  .
 - Pressing the switch once moves the frequency one step up or down. (One step on the LW band is 3kHz. MW band is 9kHz. One step on the FM band is 0.05MHz)
 -  (up) : Raises the frequency
 -  (down) : Lowers the frequency

Automatic selection

- 1 Press and hold  or  until you hear a beep.
 - The station that is closest to the current frequency will be searched for automatically, and searching will stop when the station is received. To stop the search before a station is found, press the button again.

Selection using preset switches

- 1 Touch a preset switch that already has a station recorded.
 - Refer to "**Saving radio stations**" on page 59 for details on saving radio stations.



If the reception for a particular station is weak in the area you are in, the automatic selection may not work.

How to use the AM/FM radio

Selecting radio bands

1 Touch **FUNC** .



2 Touch **BAND** .

- Each time the switch is touched, the radio band will be changed in the order shown below.

FM: FM1 ↔ FM2

AM: LW ↔ MW



Saving radio stations

There are two modes for saving radio stations, manual and AUTO. P. These modes operate independently.

Saving manually

Make sure "AUTO. P" is not displayed in the upper part of the screen.

- If "AUTO.P" is displayed, display the FUNCTION switches and touch **AUTO.P** to switch to manual mode.

1 Use manual tuning or automatic tuning to select the station to be saved.

2 Choose a preset switch and touch it until you hear a beep.

- The radio station (frequency) is set. Touch the preset switch to tune in the selected station.

Saving with AUTO.P

1 Touch **FUNC** .

2 Touch **AUTO.P** until you hear a beep.

- The AUTO.P function will activate and start automatically selecting stations. You will hear a beep when the automatic selection of stations is completed. Touch **AUTO.P** again to return to the broadcast stations originally saved.

Changing stations saved by AUTO.P

1 Use manual tuning or automatic tuning to select the station to be saved.

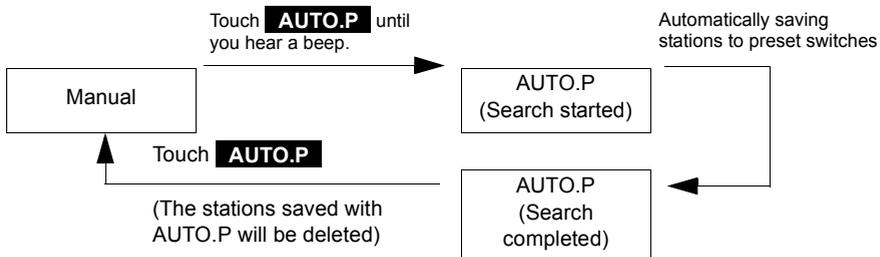
2 Touch the preferred preset switch until you hear a beep.

How to use the AM/FM radio

About AUTO.P

Because the AUTO. P function can be used to temporarily save stations for the preset switches, stations saved manually will remain in memory even if AUTO. P is used. Manually saving stations that are used regularly allows them to be restored even after AUTO. P has been used, such as after traveling.

Touching **AUTO.P** while AUTO.P is operating or after it has been used will return the preset memories to their previous settings. (The stations saved with AUTO. P will be deleted.) The diagram below shows how to switch between AUTO. P and manual.



- AUTO. P may not automatically receive stations if radio waves in the surrounding area are weak.
- A frequency saved with the tuning switch may not match the frequency saved with AUTO. P even though the signal is received from the same station.
- Due to conditions for receiving radio waves, saved stations may differ even when the AUTO. P switch is operated repeatedly in the same location.
- Up to six stations with good signal reception are automatically saved in order of frequency (low to high).
- When less than six stations capable of reception are found, nothing is saved for the remaining preset switches.

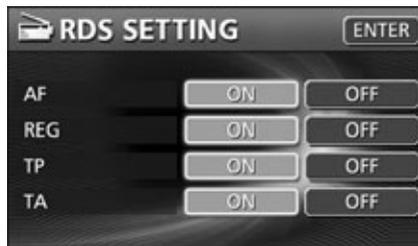
Operating RDS (Radio Data system)

The RDS (Radio Data System) can receive signals such as traffic information via FM radio waves. In addition, if signal reception becomes poor, the system can automatically switch to another station with good reception so that the user can listen to the same program continuously.

Setting AF (Alternative Frequency)

If signal reception becomes poor, the system can automatically switch to another RDS station with good reception so that the user can listen to the same program continuously. Once an RDF station is tuned in, it is recorded in the AF list of this product.

- 1 Press **MENU** .
- 2 Touch **INFO.** in the MENU screen.
- 3 Touch **RDS** .
- 4 Touch **ON** or **OFF** for AF.
- 5 Touch **ENTER** .

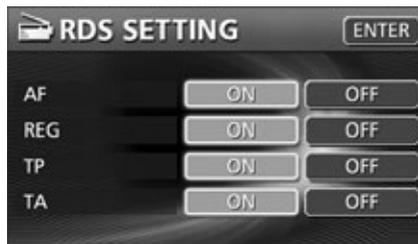


How to use the AM/FM radio

Setting REG

If signal reception becomes poor, the system can be set automatically switch to another RDS station with good reception that has the the same LOCAL PI (Program Identification) code. This setting can only be performed when AF is set to ON.

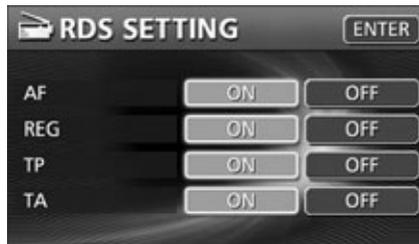
- 1 Press **MENU** .
- 2 Touch **INFO.** in the MENU screen.
- 3 Touch **RDS** .
- 4 Touch **ON** or **OFF** for REG.
- 5 Touch **ENTER** .



Receiving traffic information

Setting TP (Traffic Programming)

- 1 Press **MENU** .
- 2 Touch **INFO.** in the MENU screen.
- 3 Touch **RDS** .
- 4 Touch **ON** or **OFF** for TP.
 - “TP” appears in the radio screen when **ON** is touched.
- 5 Touch **ENTER** .



How to use the AM/FM radio

Setting TA (Traffic Announcements)

- 1 Press **MENU** .
- 2 Touch **INFO.** in the MENU screen.
- 3 Touch **RDS** .
- 4 Touch **ON** or **OFF** for TA.
 - "TA" appears in the radio screen when **ON** is touched.
- 5 Touch **ENTER** .



Receiving traffic information

When TP or both TP and TA are set to ON, traffic information is received as follows:

■ Receiving traffic information when TP is set to ON

[When the AUDIO SOURCE is FM radio]

Set TP to ON, and “TP” is displayed. If there is an available TP station in the AF list, the TP station is tuned in. If a TP station cannot be tuned in, the “TP” display will flash. When this happens, press and hold the TUNE/TRACK button for at least 2 seconds to select a TP station with favorable reception. “TP SEEK” is displayed while a TP station is being selected. If no TP station can be tuned in, “NOTHING” appears, and the original FM broadcast is received.

If signal reception becomes poor after a TP station has been received, press and hold the TUNE/TRACK button for at least 2 seconds to select a TP station with favorable reception. “TP SEEK” is displayed while a TP station is being selected.

[When the AUDIO SOURCE is something other than AM/FM radio]

Set TP to ON, and “TP” is displayed. If there is an available TP station in the AF list, the TP station is tuned in.

If a TP station cannot be tuned in, the “TP” display starts flashing and an automatic TP station search begins. If no TP station can be tuned in, “NOTHING” appears.

■ Receiving traffic information when both TP and TA are set to ON

[When the AUDIO SOURCE is FM radio]

Set TP and TA to ON, and “TA” is displayed. If there is an available TP station in the AF list, the TP station is tuned in. If a TP station cannot be tuned in, the “TA” display will flash and the automatic TP station search begins. “TP SEEK” is displayed while a TP station is being selected.

If no TP station can be tuned in, “NOTHING” appears, and the original FM broadcast is received.

When TA is set to ON, sound from the radio is muted automatically, allowing TA information to be heard when it is received. While TA information is being received, the system switches to traffic information interrupt mode and “TA INTERRUPT” is displayed on the screen.

[When the AUDIO SOURCE is something other than AM/FM radio]

Set TP and TA to ON, and “TA” is displayed. If there is an available TP station in the AF list, the TP station is tuned in. If a TP station cannot be tuned in, the “TA” display will flash and the automatic TP station search begins. When TA information is received, the current audio playback is stopped and automatically switched to output traffic information.

While TA information is being received, the system switches to traffic information interrupt mode and “TA INTERRUPT” is displayed on the screen.

How to use the AM/FM radio

EON (Enhanced Other Network) system

If the current TP station is not broadcasting traffic information or if the signal becomes weak when TP or TA is set to ON, the system automatically switches to another suitable TP station that is broadcasting traffic information using the EON AF list stored in the device. "EON" is displayed while this function is operating. When the current traffic information broadcast is finished, the the system returns to its previous TP station settings.

Reception of emergency broadcasts

If a PTY31 (emergency broadcast) is received, "ALARM" appears and PTY31 (emergency broadcasting) begins. If FM radio is not selected, all operations other than switching the SOURCE and switching the radio band become disabled.

Setting the volume for voice guidance

The volume for TA and PTY31 (emergency broadcasts) can be adjusted.

1 Turn **VOL** while TA or PTY31 is received.

- The volume level can be adjusted from 0 to 80.

Turn to the right: Volume UP (louder)

Turn to the left: Volume DOWN (quieter)

- The adjusted volume level is recorded, and the volume output is adjusted to that level the next time a TA or PTY31 broadcast is received.

Setting PTY (Program Type)

The RDS station genre can be selected. Programs of the selected genre will be received.

- 1 Touch **FUNC** in the FM operation screen.



- 2 Touch **PTY**.

- Each time **PTY** is touched, the genre will be switched in the order shown below.



- When the genre is set to TALK, the switching order starts from TALK.
- If the station does not support program types, "NO PTY" is displayed.



- 3 While the selected PTY is displayed, press and hold **▶▶ ^** or **◀◀ v** until you hear a beep.

- The device will begin searching for a station that is broadcasting a program matching the selected PTY.
- When no matching programming can be found, "NOTHING" is displayed.

Turning off the radio

- 1 Press **⏻**.

- Press **⏻** again to turn on the radio and resume reception of the radio station (frequency) received before power was turned off.