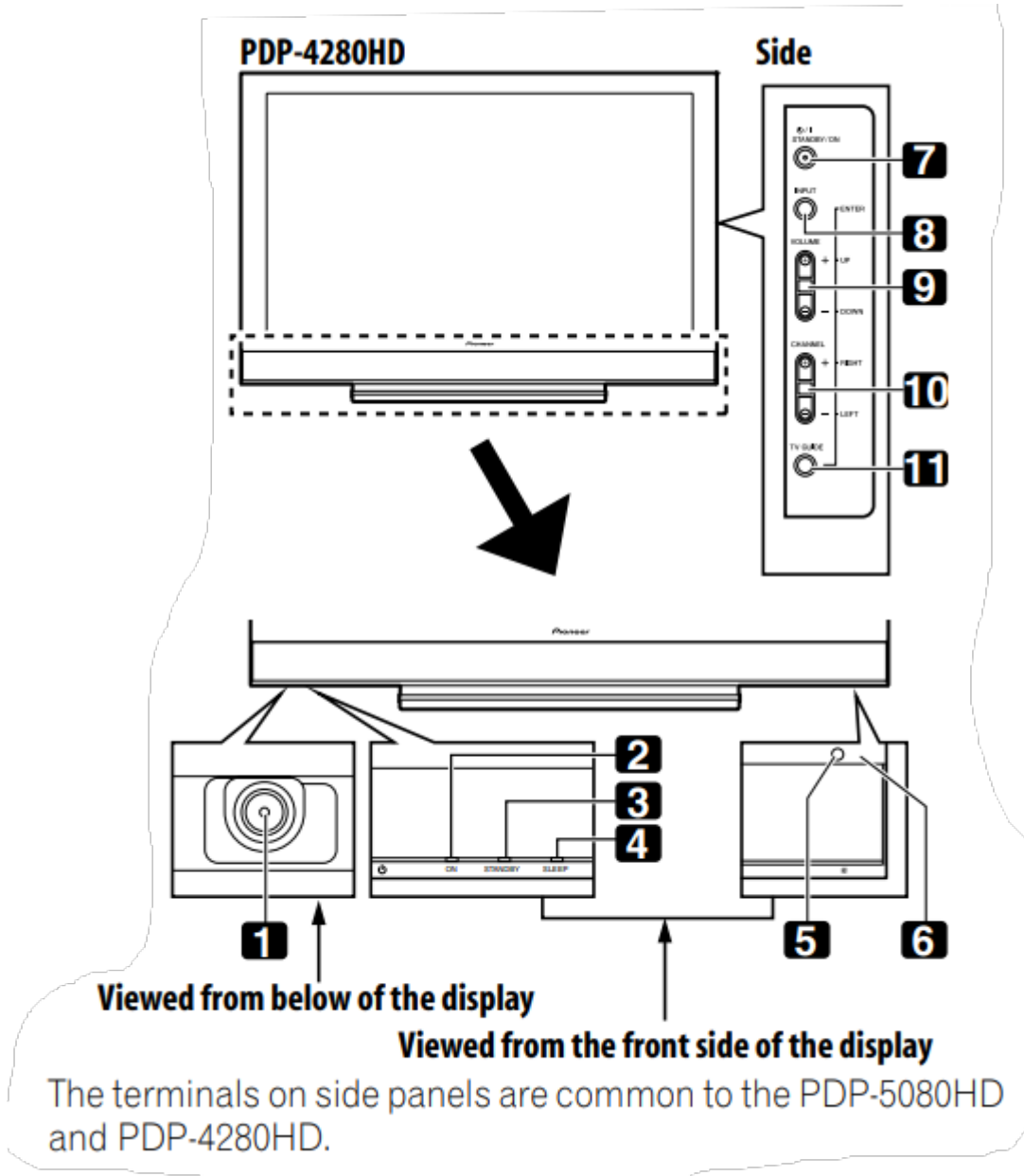



Part Names

Plasma display

(Front)



1.  button
2. POWER ON indicator
3. STANDBY indicator
4. SLEEP indicator
5. Room Light Sensor

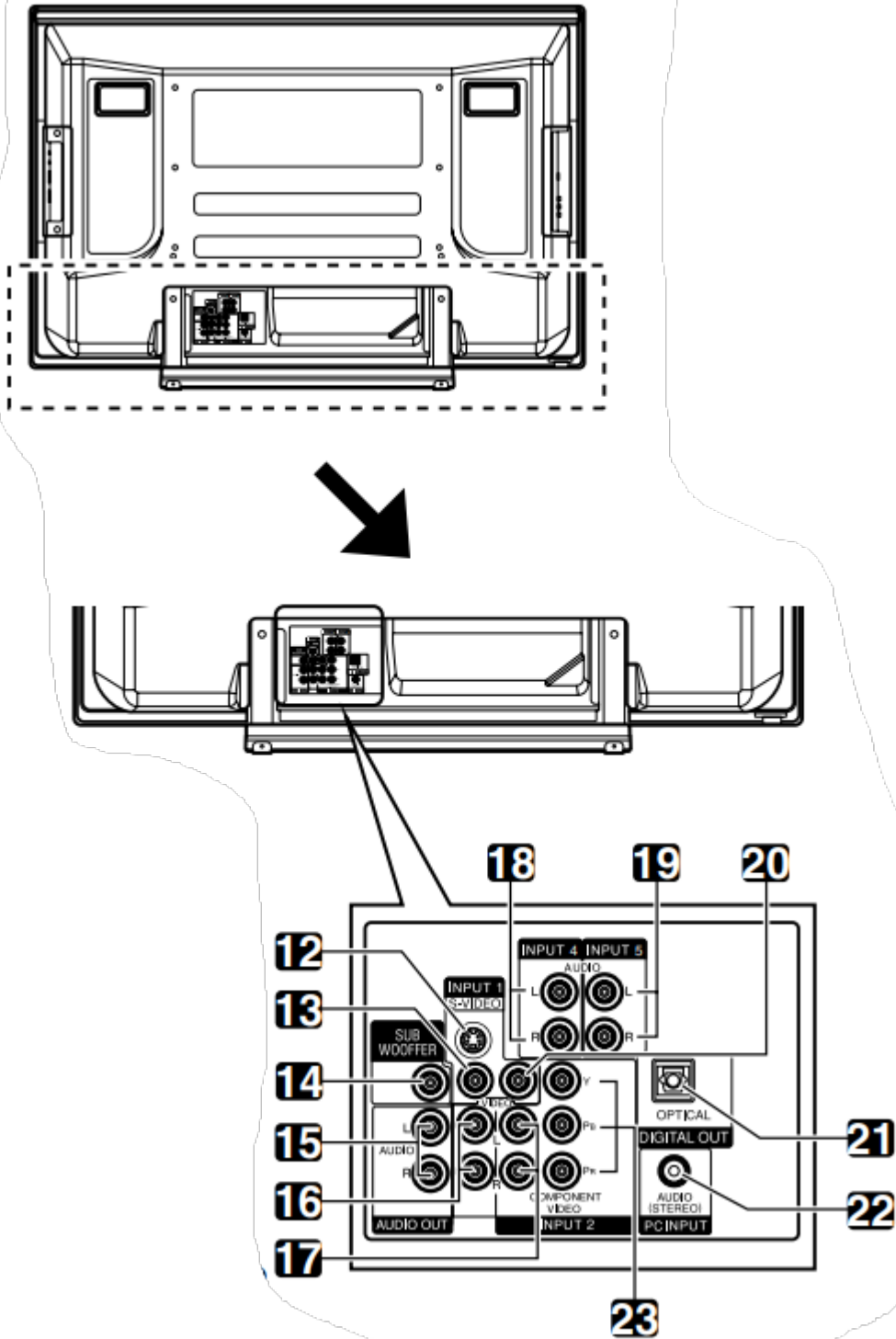


6. Remote control sensor
7. STANDBY/ON button
8. INPUT button (ENTER button*)
9. VOLUME UP/DOWN buttons (UP/DOWN buttons*)
10. CHANNEL UP/DOWN buttons (LEFT/RIGHT buttons*)
11. TV GUIDE button*
12. USB port
13. PHONES output terminal
14. INPUT 3 terminals (COMPONENT VIDEO: Y, PB, PR)
15. INPUT 3 terminal (VIDEO)
16. INPUT 3 terminals (AUDIO)

The buttons with asterisks (*) can operate the TV Guide On Screen™ system

(Rear)

PDP-4280HD



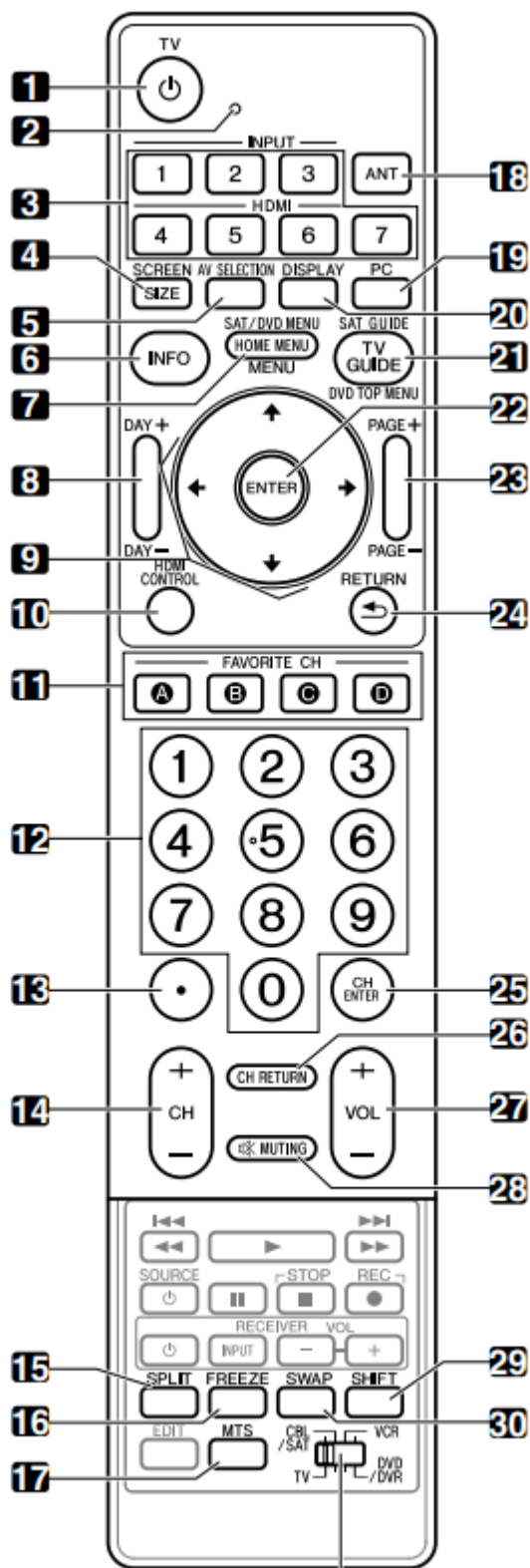
*For exact terminal positions, refer to the terminal position sheet located near the terminal compartment.

- 12. INPUT 1 terminal (S-VIDEO)
- 13. INPUT 1 terminal (VIDEO)
- 14. SUB WOOFER terminal
- 15. AUDIO OUT terminals (AUDIO)


16. INPUT 1 terminals (AUDIO)
17. INPUT 2 terminals (AUDIO)
18. INPUT 4 terminals (AUDIO)
19. INPUT 5 terminals (AUDIO)
20. INPUT 2 terminal (VIDEO)
21. DIGITAL OUT terminal (OPTICAL)
22. PC INPUT terminal (AUDIO)
23. INPUT 2 terminals (COMPONENT VIDEO: Y, PB, PR)

Remote control unit

This section describes the functions of the buttons available when the mode switch has been set to TV. For the buttons for controlling other equipment, see Using the remote control unit to control other devices



**Mode switch
(with "TV" selected)**

- 1. **TV** : Turns on the power to the plasma display or places it into standby mode.
- 2. Transmission confirmation LED
- 3. **INPUT**: Selects an input source of the plasma display.
("INPUT 1", "INPUT 2", "INPUT 3", "INPUT 4", "INPUT 5", "INPUT 6" and "INPUT 7")



4. SCREEN SIZE: Selects the screen size.

5. AV SELECTION: Selects audio and video settings. (AV source: OPTIMUM, STANDARD, DYNAMIC, MOVIE, GAME, USER. PC source: STANDARD, USER.)

6. INFO: Displays a channel banner when a TV program is being watched.

When the TV Guide On Screen™ system is in operation, displays information about the currently highlighted channel (if available).

7. HOME MENU: Displays the HOME MENU screen.

MENU: Displays a panel menu when the TV Guide On Screen™ system is in operation.

8. DAY +/-: Jumps to the next or previous day of program listings in the TV Guide On Screen™ Listing service.

9. **↑/↓/←/→** : Selects a desired item on the menu screen.

10. HDMI CONTROL: Displays the HDMI Control menu.

11. FAVORITE CH (A, B, C, D): Selects any of the four preset channels. See page 43 for details to set the FAVORITE CH.

While watching, you can toggle the set channels by pressing A, B, C and D.

12. 0 to 9: Selects the channel.

13. •(dot): Enters a dot.

14. CH +/-: Selects the channel.

15. SPLIT: Switches the screen mode among 2-screen, picture-in-picture, and single-screen.

16. FREEZE: Freezes a frame from a moving image. Press again to cancel the function.

17. MTS: Selects MTS/SAP or language depending on the program being watched.

18. ANT: Selects the antenna (A, B). See page 24 for details.

19. PC: Selects the PC terminal as an input source.

20. DISPLAY: Displays the channel information.

21. TV GUIDE: Displays the TV Guide On Screen™ system.

22. ENTER: Executes a command.

23. PAGE +/- (for the TV Guide On Screen™ system): Scrolls the program listing screen vertically.

24. RETURN: Returns to the previous menu screen.

25. CH ENTER: Executes a channel number.

26. CH RETURN: Returns to the previous channel. This button is disabled while the TV Guide On Screen™ system is displayed.

27. VOL +/-: Sets the volume.

28. M MUTING: Mutes the sound.

29. SHIFT: Moves the location of the small screen when in the picture-in-picture mode.

30. SWAP: Switches between the two screens when in the 2-screen or picture-in-picture mode.

Luminous remote control buttons

All buttons on the remote control unit are luminous and gather and store light. This enables quick access to the desired function when performing operations in dark places

Basic Operations

Turning on the power

- Press a on the plasma display when the POWER ON and STANDBY indicators are off.
 - The POWER ON indicator on the plasma display lights up blue.
- Press TV a on the remote control unit or STANDBY/ON on the plasma display when the STANDBY indicator lights up red.
 - The POWER ON indicator on the plasma display lights up blue.

Turning off the power (to standby mode)








1. Press TV a on the remote control unit or STANDBY/ON on the plasma display.
 - The system enters the standby mode and the image on the screen disappears.
 - The STANDBY indicator lights up red.
 - This will allow the system to automatically receive digital TV program information while in the standby mode.

Note

- If you are not going to use this system for a long period of time, remove the power cord from the power outlet.

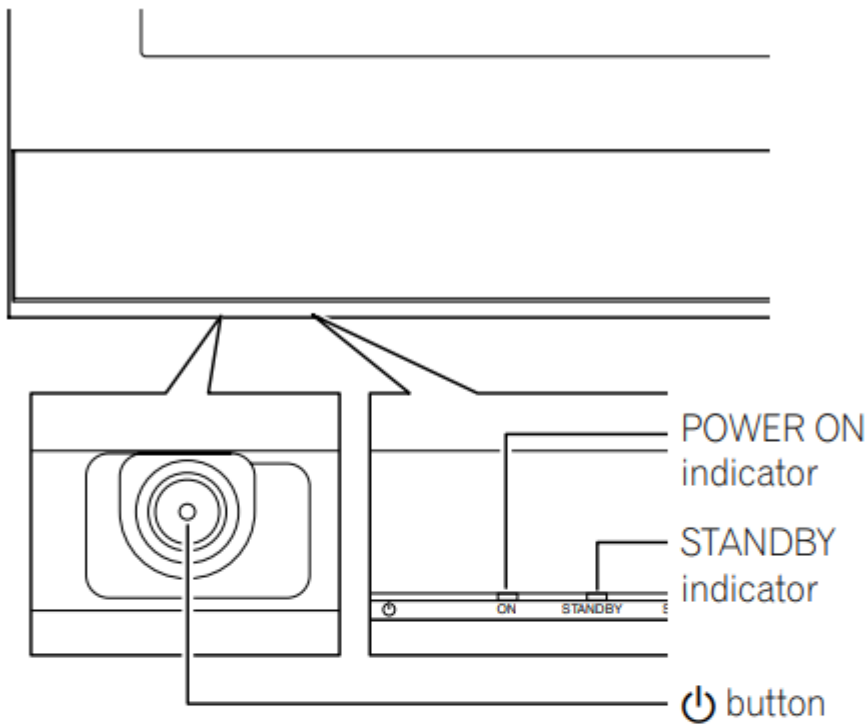
Plasma display status indicators

The table below shows the operational status of the plasma display. You can check the current status of the system with the indicators on the plasma display.

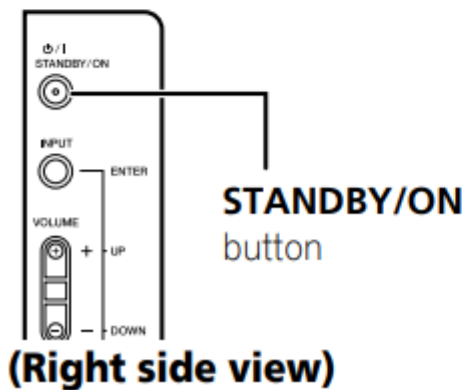
Indicator Status		System Status
POWER ON	STANDBY	
		The power cord of the plasma display has been disconnected. Or, the power cord of the plasma display has been connected but the  button of the plasma display is off.
		Power to the system is on.
		The system is in the standby mode.

Plasma display





Viewed from below of the display (left).



Watching TV channels

Selecting the antenna

After confirming that the Mode switch on the remote control unit has been set to “TV”, press ANT on the remote control unit to select antenna A or B.

- Make this selection depending on the connections to the antenna input terminals at the rear of the plasma display
- While watching a broadcast, press ANT to view the image received from the other antenna.
- Pressing ANT while watching in the multiscreen mode (TV image and video image) with TV selected will display the TV image of the other antenna.

- Pressing ANT while watching in the multiscreen mode with two TV images displayed will not have any effect.

Changing channels

To increase the channel number, press CH + on the remote control unit. To decrease the channel number, press CH –.

- CHANNEL +/- on the plasma display operates the same as CH +/- on the remote control unit.
- Press CH RETURN to switch the currently tuned channel to the previously tuned channel.

Press CH RETURN again to restore the currently tuned channel.

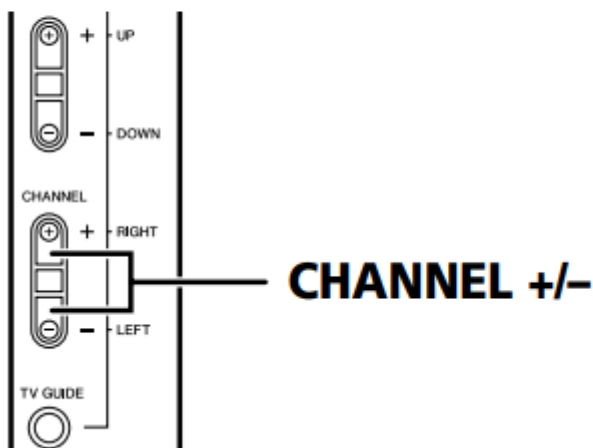
Using 0 to 9 and • (dot) on the remote control unit

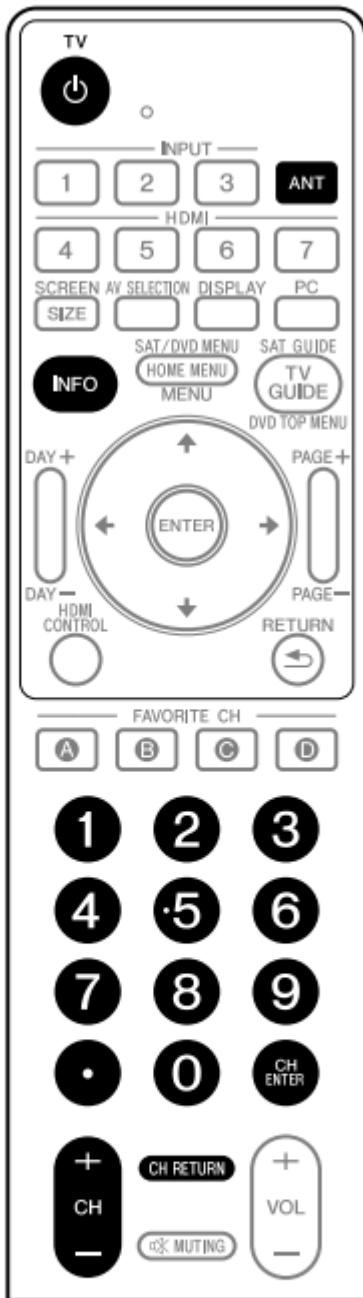
Select channels directly by pressing buttons 0 to 9. To select subchannels, also use the • (dot) button.

EXAMPLE

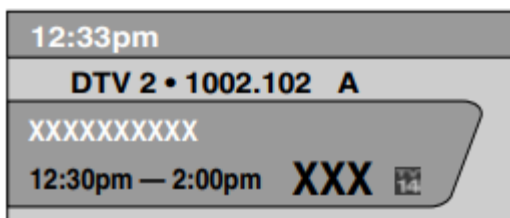
- To select channel 5 (one-digit channel), press 5.
- To select channel 25 (two-digit channel), press 2 then 5.
- To select channel 125 (three-digit channel), press 1, 2, then 5.
- To select subchannel 10.01, press 1, 0, • (dot), 0, then 1.
- To select subchannel 10.001 (for cable TV), press 1, 0, • (dot), 0, 0, then 1.

Plasma display (right side view)





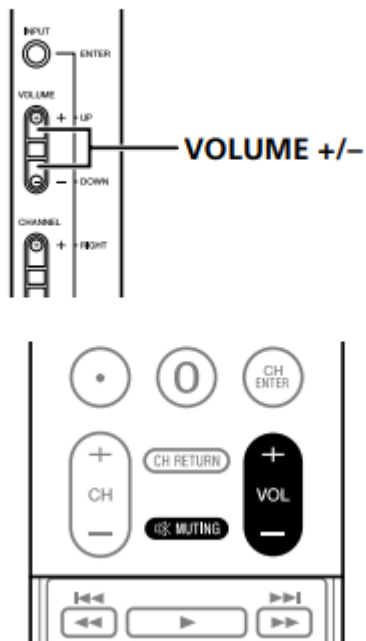
Channel banner



Changing the volume and sound

VOLUME +/- on the plasma display operates the same as VOL +/- on the remote control unit.


Plasma display (right side view)



To increase the volume, press VOL + on the remote control unit. To decrease the volume, press VOL -.

Volume adjustment display



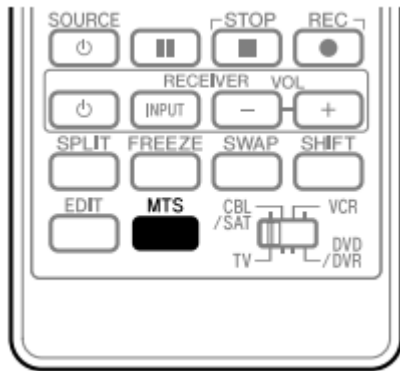
To mute the sound output, press MUTING. “” appears on the screen. To quit muting, press MUTING again. Pressing VOL + also quits muting.

Muting display



Changing the language

If you have selected a digital TV program that provides multi language services, you can switch among the languages by pressing MTS on the remote control unit.



Each time you press MTS, the language switches.

Setting MTS/SAP mode

When watching conventional TV programs, you may enjoy stereo sound and/or Secondary Audio Programs (SAP), using the Multi channel Television Sound (MTS) function.

- **Stereo broadcasts**

You can enjoy, for example, sports, shows, and concerts in dynamic stereo sound.

- **SAP broadcasts**

MAIN sound: The normal program soundtrack (either in mono or stereo).

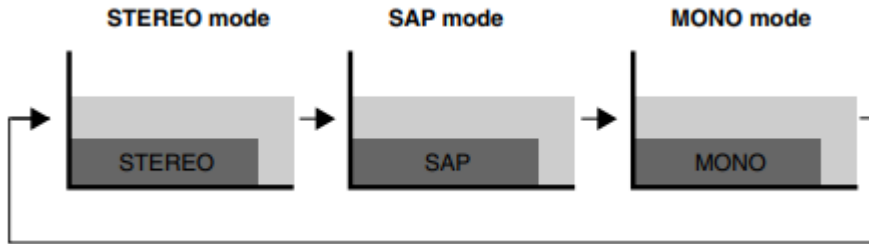
SAP sound: Listen to second language, supplementary commentary and other information. (SAP is mono sound.)

Note

- Conventional TV channels in this manual designate TV channels that are received through the conventional VHF/UHF frequencies or conventional cable TV channels.
- When stereo sound is difficult to hear, you may manually switch to the MONO mode to obtain clearer sound.
- Once the MONO mode is selected, the plasma display sound remains mono even if the system receives a stereo broadcast. You must reselect the STEREO mode if you want to hear stereo sound again.
- Selecting MTS while the input source is INPUT 1 to INPUT 7 or PC does not change the type of sound. In this case, sound is determined by the video source.
- The MTS button is disabled while the TV Guide On Screen™ system is displayed.
- In each of the MTS/SAP modes selected, the display changes depend on broadcast signals being received.



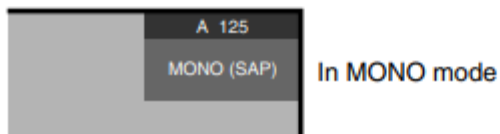
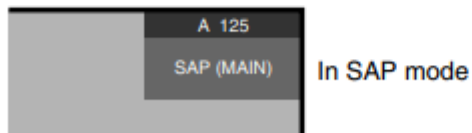
Each time you press MTS, MTS toggles as shown below.



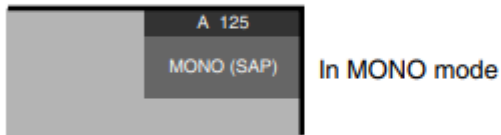
When receiving STEREO sound signals



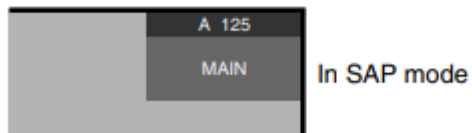
When receiving MONO + SAP sound signals



When receiving STEREO + SAP sound signals

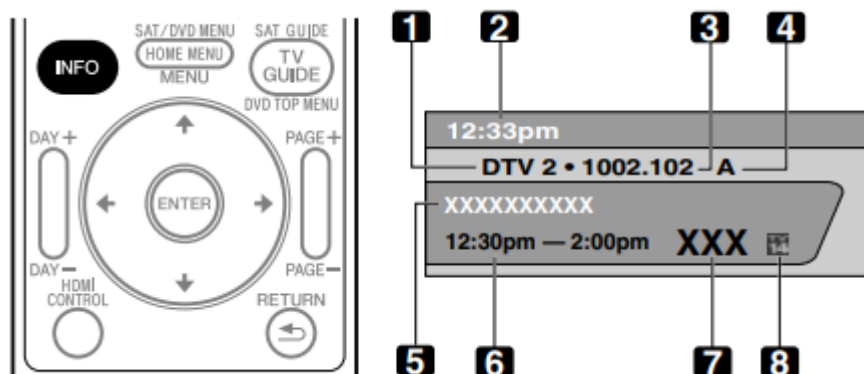


When receiving MONO sound signals



Viewing a channel banner

While watching a TV program, pressing INFO causes the following banner to appear. Pressing INFO again causes the banner to disappear.

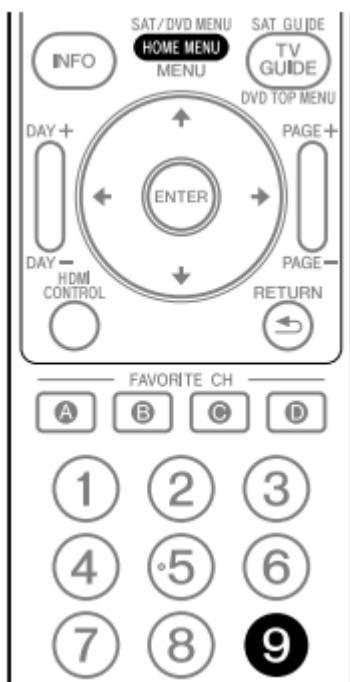


1. Station name
2. Current time

3. Channel number
4. Input (Ant. A or Ant. B)
5. Program title
6. Program time schedule
7. Channel logo
8. TV rating name or icon

Using the POD service

If you have watched digital and/or High Definition TV channels over cable, you can use the POD service provided by the cable TV company. This service presents various types of useful information, using HTML text.



Press HOME MENU, 9, 9, then 9 to view the POD display.

TV Guide On Screen™ System Setup

About the TV Guide On Screen™ system

The TV Guide On Screen™ system is a free, interactive on-screen television program guide. The system offers program listings, searching by keyword, reminders and more. The TV Guide On Screen™ system is a convenient way to find out what's on right now or during the coming week, by channel or by genre. It also allows you to automatically set your viewing and recording selections quickly and easily. Before you can start using the TV Guide On Screen™ system, you'll need to set it up.

Setting up the TV Guide On Screen™ system

When the plasma display is powered on for the very first time, you are automatically taken through the setup process. Immediately thereafter the TV Guide On Screen™ setup process begins, starting with the Welcome Screen. Setup may be accessed from the initial Setup reminder screens, or by pressing TV GUIDE for a device in which TV Guide On Screen™ has not yet been setup.

Welcome Screen

Initial TV set up leads you to the Welcome screen.

Or press TV GUIDE to begin setup.

- The Welcome Screen lists features in the Guide.
- Press ENTER to display Screen 1 (shown on the right column of this page).



Reminder Screen

If you previously skipped Guide setup, you see the Reminder Screen when you power on your TV.

To make a selection, press **↑/↓** to highlight an option, and press ENTER.

- "Start setup" displays Screen 1.
- "Remind me to set it up later" returns you to watching TV.
- "Don't remind me again" returns you to watching TV and stops the reminder screen from appearing upon power on.



System Setup Screens

Screen 1: Select Country

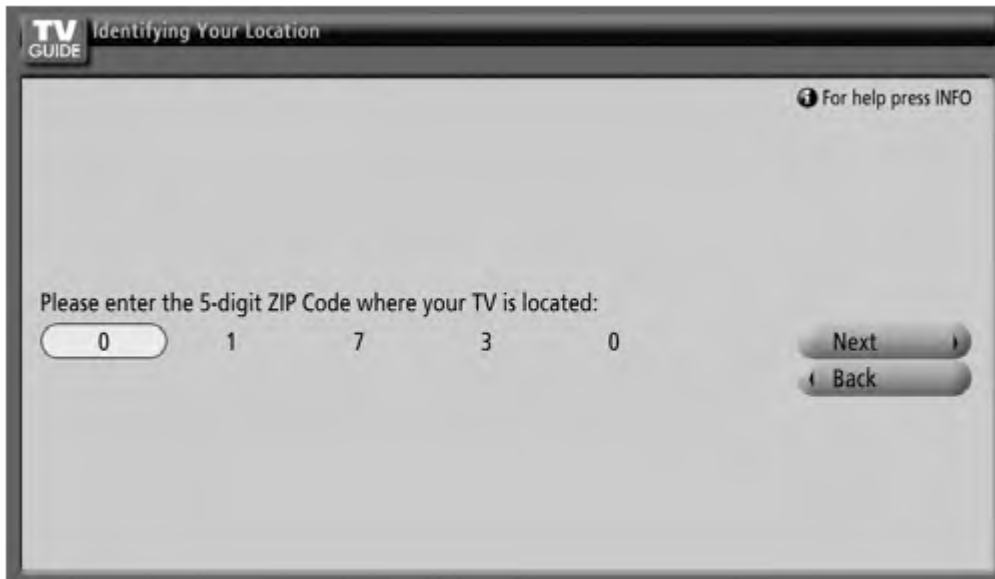
- This screen asks you the location of your TV.
- Press **↑/↓** to highlight a country.
- Press ENTER to make the selection.
- Press **→** to highlight Next.
- Press ENTER to display Screen 2.



Screen 2: Enter ZIP or Postal Code

- If you selected USA in Screen 1, you see the ZIP Code screen.

- Input ZIP Code by either
 - pressing the number keys or
 - pressing **↑/↓** to scroll through numbers, and then **→** to move to the next character field and Next.
- You can select the Back button from any screen to return to the previous setup screens to correct or review the information you entered.
- Press ENTER to display Screen 3.



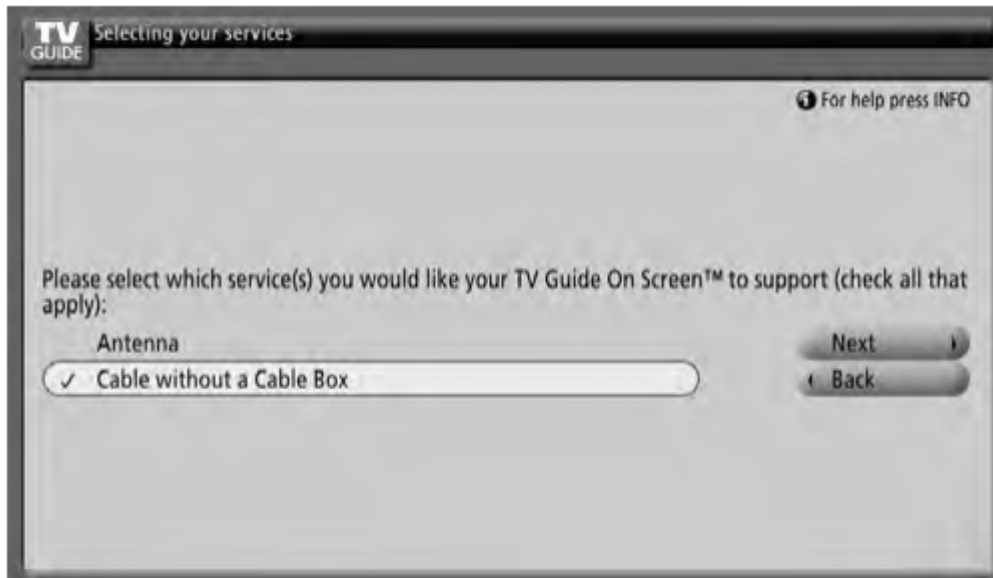
- If you selected Canada in Screen 1, you see the Postal Code screen.
- Input Postal Code by pressing **↑/↓** to scroll through letters (or numbers) and then **→** to move to the next character field.
- Press **→** to highlight Next.
- Press ENTER to display Screen 3.

Screen 3: Select service(s)

- Press **↑/↓** to highlight the connected video source(s) for which you would like to receive show listings.
- Press ENTER to make your selection(s).
- Press **→** to highlight Next.
- Press ENTER to go to Screen 4.

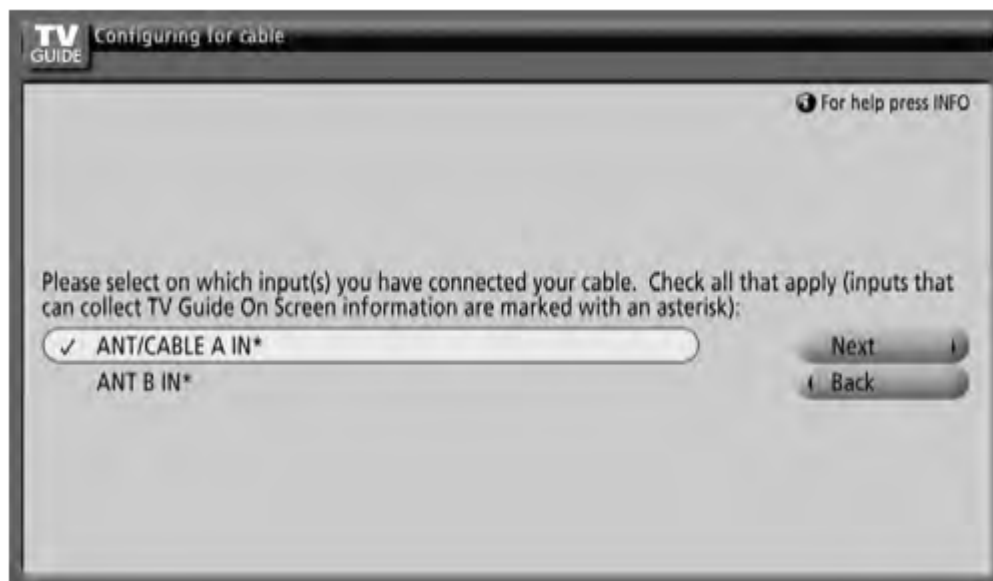
Note

- If you do not have cable service, you must select Antenna in order to receive a channel lineup and listings.



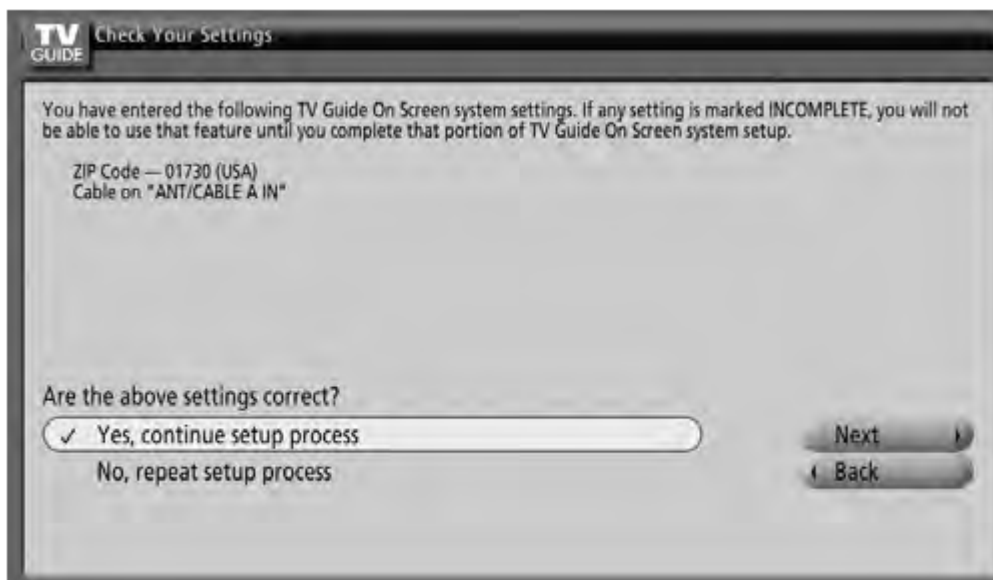
Screen 4: Which input terminal is the system plugged into?

- Select “ANT/CABLE A IN” or “ANT B IN” and you see Screen 5.

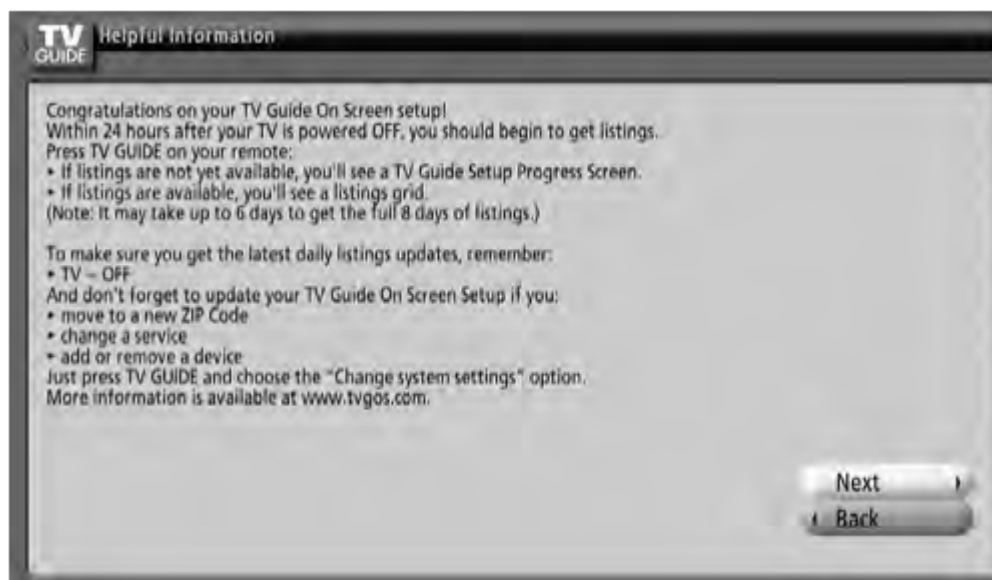


Screen 5: Are the settings correct?

- If you select “Yes”, you see Screen 6.
- If you select “No”, you see Screen 1.



Screen 6: Congratulations



Tuner Setup

Setting up TV channels

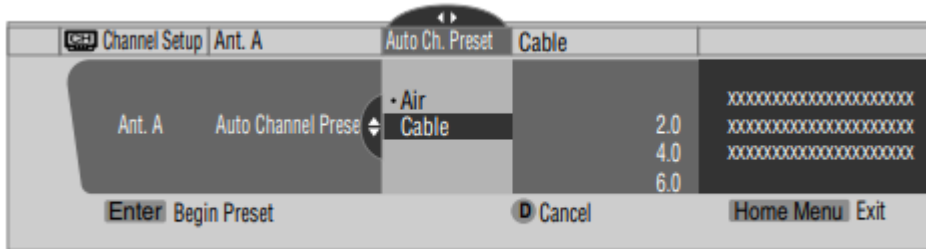
This section describes how to search and set up TV channels that you can watch under the current conditions. Unless you set up TV channels using Auto Channel Preset, you may not be able to tune in those channels.

Using Auto Channel Preset

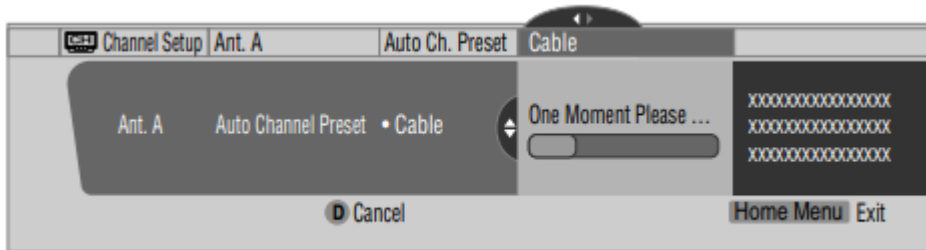
Auto Channel Preset automatically searches and sets up TV channels.

1. Press HOME MENU.
2. Select "Tuner Setup" (↑/↓ then ENTER).

3. Select "Channel Setup" (◀/▶ then ENTER).
4. Select "Ant. A" or "Ant. B" (▲/▼ then ENTER).
5. Select "Auto Channel Preset" (▲/▼ then ENTER).
6. Select "Air" or "Cable" (▲/▼ then ENTER).



- Channel search automatically starts.



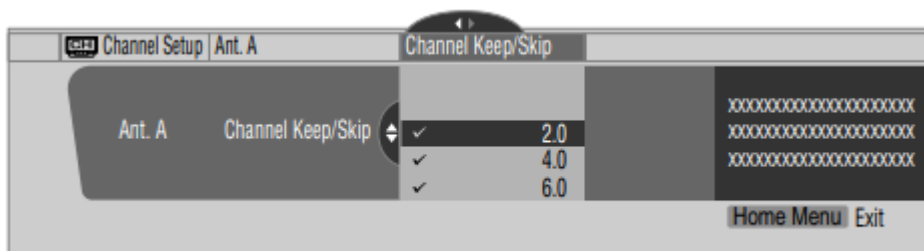
- To quit Auto Channel Preset halfway, press **D**.

7. After Auto Channel Preset has been finished, press HOME MENU to exit the menu

Setting for skipping unwanted channels

From among TV channels searched and set up using Auto Channel Preset, you can select channels to be skipped when CH+/- are operated.

1. Press HOME MENU.
2. Select "Tuner Setup" (▲/▼ then ENTER).
3. Select "Channel Setup" (◀/▶ then ENTER).
4. Select "Ant. A" or "Ant. B" (▲/▼ then ENTER).
5. Select "Channel Keep/Skip" (▲/▼ then ENTER).
6. Select a channel to be skipped (▲/▼ then ENTER).



- For the skipped channel, a check mark disappears.

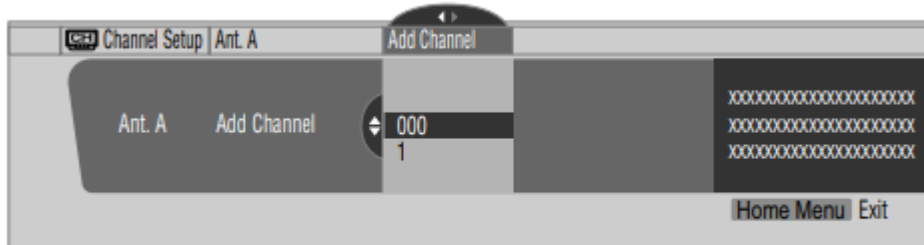
7. Press HOME MENU to exit the menu.

Setting up TV channels manually

This section describes how to manually set up TV channels that have not been set up by Auto Channel Preset.

1. Press HOME MENU.
2. Select "Tuner Setup" (**↑/↓** then ENTER).
3. Select "Channel Setup" (**←/→** then ENTER).
4. Select "Ant. A" or "Ant. B" (**↑/↓** then ENTER).
5. Select "Add Channel" (**↑/↓** then ENTER).
6. Select a channel number to be added (**↑/↓** then ENTER).

- You can also use buttons **0** to **9** to enter a channel number.



- After **ENTER** has been pressed, a confirmation screen appears.

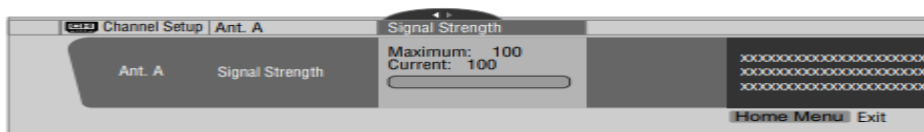
7. Press A to complete the setup process.

8. Press HOME MENU to exit the menu.

Checking signal strength

When you have selected antenna A, you can check the current channel's signal strength. You may use this function when receiving a channel through a VHF/UHF antenna.

1. Press HOME MENU.
2. Select "Tuner Setup" (/ then ENTER).
3. Select "Channel Setup" (/ then ENTER).
4. Select "Ant. A" (/ then ENTER).
5. Select "Signal Strength" (/ then ENTER).



- Adjust the direction of the antenna so that the current signal strength reaches as close to the maximum signal strength as possible.

6. Press HOME MENU to exit the menu.

Checking the CableCARD™ ID

The plasma display has a slot for a CableCARD™ that is used for managing your information by the cable TV company. You will locate the CableCARD™ slot on the rear of the plasma display.

The following procedure allows you to check your CableCARD™ ID and the Host ID.

1. Press HOME MENU.
 2. Select "Tuner Setup" (/ then ENTER).
 3. Select "Channel Setup" (/ then ENTER).
 4. Select "POD ID" (/).
 - The Host ID and CableCARD™ ID appear.
5. Press HOME MENU to exit the menu.

TV Guide On Screen™ System Operation

Using the TV Guide On Screen™ system

Screen components

Many of the screens have common elements to make using the system easier.















1. TV GUIDE logo
2. Clock – Shows the current time.
3. Time slot – Half-hour time slots are displayed horizontally.
4. Time tab – Indicates the currently selected time slot.

5. Current service label – Indicates the currently selected service.
6. Service bar – Gives access to the various services of the Guide.
7. Title tile – Shows the title of the TV program.
8. Info Bar – Shows various icons to convey information or show the status of an item.
9. Video window – Allows you to continue watching the current program while using the Guide or to view the program selected in the listings.
10. Panel ads and panel menu entry – Space for show or product advertising (and the panel menu).
11. Channel logo & number – Identifies network and channel number
12. Info Box – Shows information about the highlighted item.
13. Highlight – Indicates an active file, from which you can set reminder, display a menu, etc.

TV Guide On Screen™ icons

Various icons are used to convey information or show the status of an item. You will locate these icons on the Info Bar, inside the Info Box, or beside program titles

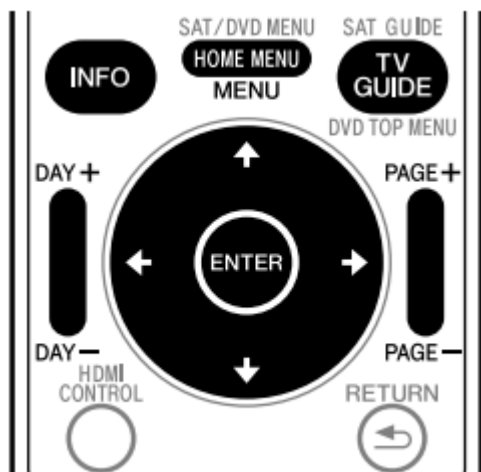
-  **Info icon** – Additional information is available; press the **INFO** button to display.
-  **Progress Bar** – Shows the elapsed time of the current program.
-  **HDTV** – Indicates that a program is a high-definition broadcast.
-  **New** – The program is new (not a repeat).
-  **Stereo** – The program is broadcast in stereo.
-  **CC** – The program is broadcast with closed captioning.
-  **TV Rating** – Indicates the age rating for the program.
-  **Remind Once** – One-time only reminder
-  **Remind Daily** – Reminds for the same channel and time every Monday through Friday (manual reminder only).
-  **Remind Regularly** – Reminds the same program any day it airs on the same channel at the same time.
-  **Remind Weekly** – Reminds every week at the same time/day.
-  **Remind Off** – The program remains in the SCHEDULE list, but will not remind until the frequency is changed to one of the above.

TV Guide On Screen™ navigation

The table below shows a summary of the remote buttons you'll use to navigate the TV Guide On Screen™ system.

Key	What it does
TV GUIDE	Press to display the TV Guide On Screen™ system (also use to exit)
....	Use to navigate screens (highlight an item).
ENTER	Press to confirm a selection or execute an action. Can also be used to display the panel menu when a future program is highlighted.
MENU	Press to display a panel menu
INFO	Press to cycle through the available information for the current program or screen.
Number buttons	Use for numeric entry
PAGE +/-	Press to select the previous/next page of information (where applicable).
DAY +/-	Press to jump to the next/previous day of program listings (if applicable).

You can also use the TV GUIDE, ENTER, UP/DOWN, and LEFT/ RIGHT buttons on the plasma display. The UP/DOWN and LEFT/ RIGHT buttons operate the same as the **↑/↓** and **←/→** buttons on the remote control unit.



Setting program reminders

By setting a program reminder you can have the TV alert you when a program is about to start on another channel. You can set reminders for individual episodes of a program, or every time a program airs.

1. From LISTINGS, SCHEDULE or SEARCH, highlight the program for which you want to set a reminder.



2. Press MENU to display the Episode Options menu.



3. Highlight "set reminder" and press ENTER.

4. Set the reminder options:

Press **↑/↓** to highlight a field; press **←/→** to change the setting.

- frequency – select whether to be reminded just Once, Regularly (at the same time on the same channel), or Weekly (every week at the same time/day). There's also an Off option which puts the program in the reminder schedule but no reminder is given (you can set it to remind later).

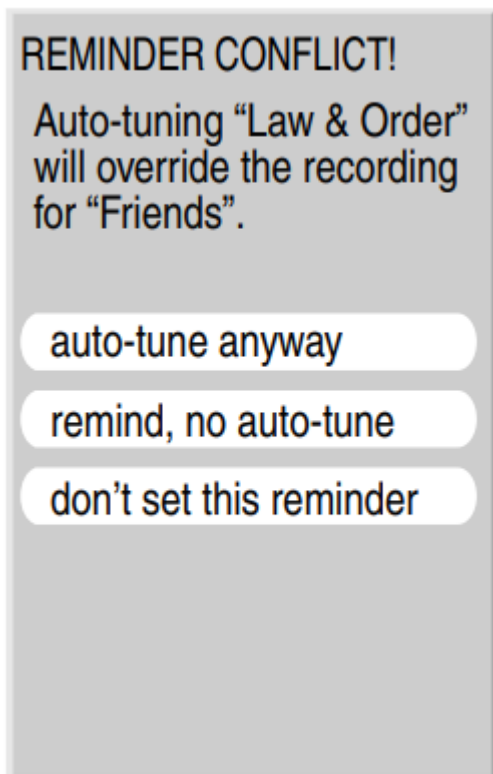
- auto tune – choose whether or not the TV should automatically change channels when a reminder is due
- when – set when the reminder is displayed (before, on time, or after a program has started).

5. Once all the settings have been made, press ENTER to highlight “schedule reminder”, then press ENTER again



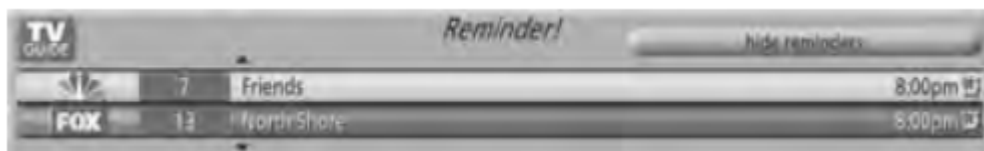
- The reminder is now set (and will appear in SCHEDULE) and the appropriate icon appears on the program tile.

If there is a time conflict with a previously scheduled auto-tune reminder, you will be alerted to this. You can select to set a reminder for the conflicting program, or cancel the reminder. The following screens appear depending on whether it will override a scheduled reminder.



When scheduled reminder is due (auto-tune is OFF)

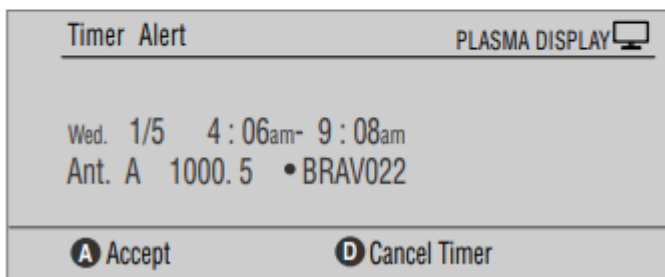
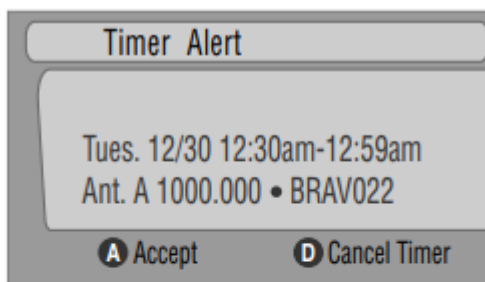
Depending on the settings you made, your program reminder will appear on your TV screen around the time the program is scheduled to start. This happens when you have selected "NO" for the auto tune. The reminder will remain on-screen for three minutes before it automatically disappears. Press ENTER to tune to the highlighted program in the reminder; or highlight "hide reminders" to dismiss the reminder.



If more than one reminder is set for the same time, select the program you want by pressing



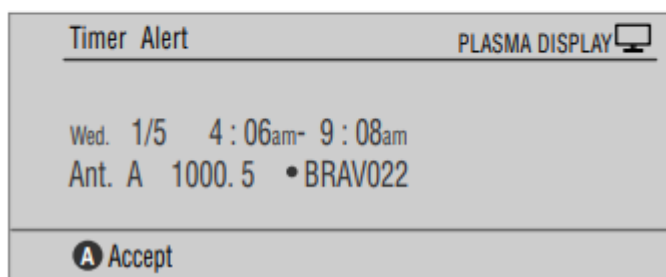
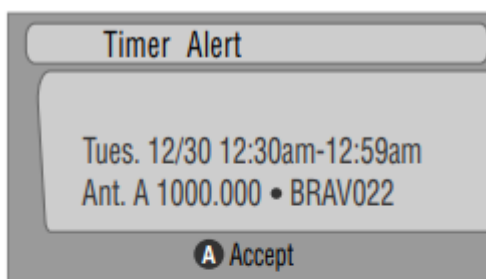
Depending on the situation, the following screens will appear. In this case, the reminder will remain on-screen for 15 seconds before it automatically disappears.



Press A to leave the reminder effective, or D to dismiss the reminder.

When scheduled reminder is due (auto-tune is ON)

If the “auto-tune” setting was set to “yes” in the Remind Options, one of the following screens appears, depending on the situation. The screen will remain for 15 seconds before it automatically disappears.



Press A to make the Timer Alert screen disappear






Scheduling reminders

From the Schedule area you can review, edit or delete reminders.

1. Select “SCHEDULE” from the Service bar at the top of the screen.



A list of programs that have remind events scheduled appears. The icons on the right side indicate the status of the events.

-  **Once** only reminder
-  **Daily** Reminds for the same channel and time every Monday through Friday (manual reminder only)
-  **Regularly** – Reminds the same program any day it airs on the same channel at the same time¹.
-  **Weekly** reminder (every week at the same time/day)
-  **Off**: The program remains in the SCHEDULE list, but will not remind until the frequency is changed to one of the above.

1 The reminder will still appear if the program starts any time up to the midway point of the original schedule. For example, up to 9:15 for a 9:00 to 9:30 program.

2. Highlight a program in the list and press MENU to display the Schedule Options panel menu.



- When you highlight a program in the list you'll see information related to that program appear in the Info Box.

Using the reminder To Do list

The To Do screen lists scheduled events with an icon that identifies the event type. From the To Do screen you can review, edit, or delete reminder events that you previously set. You can sort the scheduled events by date, title, or event type. You can also schedule a manual reminder.

The Schedule Options menu

The Schedule Options menu is accessible by pressing MENU when either "SCHEDULE" is highlighted in the Service bar, or a program is highlighted.

When "SCHEDULE" is highlighted in the service bar:

- go to Service Bar – closes the panel menu and returns to the Service bar at the top of the screen
- sort by – select a sort order for the program listings.
- new manual reminder – select and then fill in all the necessary fields to set the reminder. Select "schedule reminder" when you're done to save and exit, or select "cancel" to exit without saving.
- done – closes the panel menu and returns to the Service bar at the top of the screen.
- cancel – closes the panel menu without saving any changes and returns to the Service bar at the top of the screen.

When a program is highlighted:

- go to Service Bar – closes the panel menu and returns to the Service bar at the top of the screen.

- watch now – start watching the selected program (this option is “tune to channel” for a program that isn’t showing now).
- cancel – closes the panel menu and returns to the highlighted program listing.

For reminder:

- delete reminder – remove the reminder from the schedule (requires confirmation).
- edit reminder – edit the reminder settings (opens the Remind Options menu).

Changing setup options

You can change TV Guide On Screen™ settings from the Setup menu. Setup options are divided into three categories: system settings, channel display, default options, and display setup progress.

1. Select “SETUP” from the Service bar at the top of the screen.



Changing the system settings

The system settings include your ZIP/postal code and your cable TV setup.

1. Highlight the “Change system settings” item.



As you highlight an option you can see the settings you can adjust in that area:

- System settings – ZIP/postal code, cable setup, etc.
- Channel display – Channel position, tuning channel, display on/off, etc.
- Default options – General and reminder defaults
- Display setup progress – Status of various Guide setup functions

2. Press ENTER to display the current settings and the options to change them.



3. Select one of the options, then follow the on-screen instructions.




- Yes, everything is correct: displays a helpful information screen. Press ENTER to quit the TV Guide On Screen™.
- Yes, but my channel lineup is incorrect: displays a screen from which you may choose the correct channel lineup. Press ENTER to display the Channel Editor screen.

- No, repeat setup process: displays screen 1 shown on page 34.



Troubleshooting



Problem	Possible Solution
GENERAL	
<ul style="list-style-type: none"> No power 	<ul style="list-style-type: none"> Is the power cord disconnected? (See page 25.) Has  been turned on? (See page 27.) Check if you pressed TV  on the remote control unit (See page 26.) If the indicator on the system lights up red, press TV 0 on the remote control unit or STANDBY/ON on the plasma display.
<ul style="list-style-type: none"> Power is suddenly turned off. 	<ul style="list-style-type: none"> Is the sleep timer set? (See page 59.) Check the power control setting. (See page 58.) The system's internal temperature has increased. Clean the vents and remove any blocking objects, (See page 16.)
<ul style="list-style-type: none"> The system cannot be operated. 	<ul style="list-style-type: none"> External influences such as voltage malfunction, static electricity, etc. may cause improper operation. In this case, operate the system after first turning off the power to the plasma display, or unplugging the power cord and re-plugging it in after a few minutes.
<ul style="list-style-type: none"> Remote control unit does not operate. 	<ul style="list-style-type: none"> Check if TV  is off. Turn the button on when the POWER ON and STANDBY indicators are off. Is the Mode switch set correctly? Slide it to the TV position. (See page 26.) Are batteries inserted with correct polarity (+, -)? (See page 26.) Are batteries worn out? (Replace with new batteries.) (See page 26.) Operate the remote control unit while pointing it toward the remote control sensor on the plasma display. (See page 26.) Are you using it under strong or fluorescent lighting? Is a fluorescent light illuminating the remote control sensor? Check if any obstacles exist between the remote control unit and the remote control sensor.
<ul style="list-style-type: none"> POWER ON indicator or STANDBY indicator 13 quickly flashing. 	<ul style="list-style-type: none"> Internal protective circuits may have been activated. First turn the power off by removing the AC power cord from the power outlet, wait for one minute, and then turn the power on again. If the problem persists, contact your dealer.

	contact the nearest Pioneer Authorized Independent Service Company or Pioneer Support Division (see back cover).
PICTURE/SOUND	
<ul style="list-style-type: none"> • No image and audio is presented. 	<ul style="list-style-type: none"> • Check if the input source for video or PC has been unintentionally changed. (See page 28.) • Check if you have activated the Parental Control function. (See page 24.) Enter a password to temporarily cancel the Parental Control function. • Check the cable connection with the antenna. (See page 24.) • Check the cable connection with the other equipment (See pages 64 to 69.)
<ul style="list-style-type: none"> • No picture. 	<ul style="list-style-type: none"> • Is connection to other components correct? (See pages 64 to 69.) • Is a non-compatible PC signal being input? (See page 68.) • Is picture adjustment correct? (See page 55.)
<ul style="list-style-type: none"> • Screen appears dark 	<ul style="list-style-type: none"> • Check if any obstacles exist in front of the Room Light Sensor. (See page 24.)
<ul style="list-style-type: none"> • Audio is output but no image is presented. 	<ul style="list-style-type: none"> • Check if you have selected 'Picture Off' for Energy Save. With this function, the screen is deactivated: only audio is output. To restore the screen display, press VOL +/- and MUTING (See page 58.)
<ul style="list-style-type: none"> • Images are presented but no audio is output. 	<ul style="list-style-type: none"> • Check if you have selected the minimum volume. (See page 29.) • Check if you have muted sound. (See page 29.) • When using a video or PC Input source, check that the audio terminals are correctly connected. (See pages 64 to 67 and 68.)
<ul style="list-style-type: none"> • Sound is reversed between the right and left • Sound is output from only a single speaker. 	<ul style="list-style-type: none"> • Check if the speaker cable connections have been reversed between the speakers. (See page 19.) • Has the balance been correctly adjusted? (See page 57.)
<ul style="list-style-type: none"> • Picture is cut off. 	<ul style="list-style-type: none"> • Is the image position correct? (See page 60.) • Has the correct screen size been selected? (See page 62.)

- Strange color, light color, dark or color misalignment.

- Adjust the picture tone. (See page 55.)

- Is the room too bright?The picture may look dark in a room that is



<ul style="list-style-type: none"> • After-image lag. 	<ul style="list-style-type: none"> • After displaying a still image or a very bright image for a length of time, then switched to a darker scene, the previous image may appear as a ghost image. • This can be rectified by playing a bright moving image for several minutes or displaying a still image for excessively long periods of time to reduce the display deterioration. • Display the "Video Pattern" screen to help reduce after-image. (See page 62.)
<ul style="list-style-type: none"> • Brightness and color tone on both sides differ from those in the center in 4:3 mode. 	<ul style="list-style-type: none"> • If images in 4:3 mode or letterbox images are displayed for long periods over several days, an after-image may remain due to burning, a characteristic of plasma displays. • We recommend that you enjoy watching images in a full screen mode as much as possible. • We recommend you select 'Auto' for "Brightness Sync." in the Side Menu. This adjusts the brightness of the gray side masks according to the brightness of the image. (See page 62.)
<p>HDMI Control</p>	
<ul style="list-style-type: none"> • HDMI Control functions do not operate 	<ul style="list-style-type: none"> • Check if the connections are properly made between the plasma display and the device that supports the HDMI Control functions. (See page 75.) • Check if you have entered the settings properly for 'Setting the HDMI Control' (See page 75.) • Check if the settings for the HDMI Control functions are effective on the device(s). For details, refer to the operation manual that came with the device.
<ul style="list-style-type: none"> • No image and audio is presented. 	<ul style="list-style-type: none"> • Check if the connections are properly made between the plasma display and the device that supports the HDMI Control functions. (See page 75.) • Check if you have entered the settings properly for 'Setting the HDMI Control' (See page 76.)
<ul style="list-style-type: none"> • No picture 	<ul style="list-style-type: none"> • Check if the connections are properly made between the plasma display and the device that supports the HDMI Control functions. (See page 75.) • Check if you have entered the settings properly for 'Setting the HDMI Control' (See page 76.)



<ul style="list-style-type: none"> • No sound 	<ul style="list-style-type: none"> • Check if the connections are properly made between the plasma display and the device that supports the HDMI Control functions. (See page 75.) • Check if you have entered the settings properly for 'Setting the HDMI Control' (See page 76.) • Check if you have an HDMI controlled AV system connected to one of the HDMI terminals on the plasma display. If the recorder or player connected to another HDMI terminal on the plasma display is connected this way, audio out from the recorder/ player does not go to the plasma display SPDIF terminal resulting in no sound to the AV system. When using a plasma display and recorder or player, be sure to connect the recorder or player to the SPDIF terminal.
<ul style="list-style-type: none"> • An error message 'The device cannot be operated. Please check the connection appears. 	<ul style="list-style-type: none"> • Check if the connections are properly made between the plasma display and the device that supports the HDMI Control functions. (See page 75.) • Check if you have entered the settings properly for 'Setting the HDMI Control' (See page 76.)
<p>OTHER</p>	
<ul style="list-style-type: none"> • TV-Guide data cannot be obtained. 	<ul style="list-style-type: none"> • If TV-Guide data cannot be obtained with ANTA selected for cable, try selecting ANT.B for over the air. In addition, try the TV-Guide setup again by the following procedure (see page 34): - Select 'Antenna' for 'Select serviced)' on Screen 3. - Select 'ANT B IN' on Screen 4.
<ul style="list-style-type: none"> • An external device connected to the USB port does not operate. 	<ul style="list-style-type: none"> • Check if the device is connectable to the display. (See page 70.) • Re-insert the USB cable. (See page 70.) • For connection, use a USB cable shorter than 5 m. (See page 70.) • Check if the USB cable is properly connected. (See page 70.) • First turn the power off and then turn it on again in order to check if the device works correctly. • Check if the external device works correctly after the USB device is connected. • Check if the digital still camera is in the viewing mode. • Refer to the instruction manual for the digital still camera.
	<ul style="list-style-type: none"> • Check if the device is connectable to the display. (See page 70.)



<ul style="list-style-type: none"> • Photo data stored in a digital still camera cannot be read through USB interface. 	<ul style="list-style-type: none"> • Check If the digital still camera is turned on.
<ul style="list-style-type: none"> • Panel sounds / noises 	<ul style="list-style-type: none"> • Panel generated sounds, examples: Fan motor noise. Electrical Ci Panel buying are normal operation of a phosphor-based matrix displ
<ul style="list-style-type: none"> • Screen displays uneven brightness on the sides. 	<ul style="list-style-type: none"> • Display content that completely fills the screen until unevenness is signals may require to change the AV mode setting. (See page 61.)

If the following error codes appear on the screen, check the corresponding items in the table.

Code	Message	Check
SD04 and SDH	Powering off. Internal temperature too high. Check temperature around PDR	Check if the ambient temperature of the plasma c
SD05	(PDP-5080HD) Internal protection circuit turns power off. Is there a short in speaker cable? (PDP-4280HD) Internal protection circuit turns power off.	Check the speaker cable connections between th speakers. Contact the nearest Pioneer Authorized Independ the Customer Support Division. (See back cover.)

Warning

This content is compiled from multiple sources and is provided for reference purposes only. It may not be complete or fully applicable to all situations. If you are unable to resolve your issue, please contact the product manufacturer or an authorized service provider for official support.