Z

AG-H600NT/AG-H600DNT

Stereo Receiver

ENGLISH

OWNER'S MANUAL

MANUEL DU PROPRIÉAIRE

MANUAL DEL USUARIO

CAUTION
**RISK OF ELECTRIC SHOCK
DO NOT OPEN**

CAUTION: TO REDUCE THE RISK OF ELECTRIC SHOCK, DO NOT REMOVE COVER (OR BACK). NO USER-SERVICEABLE PARTS INSIDE. REFER SERVICING TO QUALIFIED SERVICE PERSONNEL.

The lightning flash with arrowhead symbol, within an equilateral triangle, is intended to alert the user to the presence of uninsulated "dangerous voltage" within the product's enclosure that may be of sufficient magnitude to constitute a risk of electric shock to persons.

The exclamation point within an equilateral triangle is intended to alert the user to the presence of important operating and maintenance (servicing) instructions in the literature accompanying the appliance.

IMPORTANT SAFETY INSTRUCTIONS

1) Read these instructions.
2) Keep these instructions.
3) Heed all warnings.
4) Follow all instructions.
5) Do not use this apparatus near water.
6) Clean only with dry cloth.
7) Do not block any ventilation openings. Install in accordance with the manufacturer's instructions.
8) Do not install near any heat sources such as radiators, heat registers, stoves, or other apparatus (including amplifiers) that produce heat.
9) Do not defeat the safety purpose of the polarized or grounding-type plug. A polarized plug has two blades with one wider than the other. A grounding type plug has two blades and a third grounding prong. The wide blade or the third prong are provided for your safety. If the provided plug does not fit into your outlet, consult an electrician for replacement of the obsolete outlet.
10) Protect the power cord from being walked on or pinched particularly at plugs, convenience receptacles, and the point where they exit from the apparatus.
11) Only use attachments/accessories specified by the manufacturer.
12) Use only with the cart, stand, tripod, bracket, or table specified by the manufacturer, or sold with the apparatus. When a cart is used, use caution when moving the cart/apparatus combination to avoid injury from tip-over.
13) Unplug this apparatus during lightning storms or when unused for long periods of time.
14) Refer all servicing to qualified service personnel. Servicing is required when the apparatus has been damaged in any way, such as power-supply cord or plug is damaged, liquid has been spilled or objects have fallen into the apparatus, the apparatus has been exposed to rain or moisture, does not operate normally, or has been dropped.

< Do not expose this apparatus to drips or splashes.
< Do not place any objects filled with liquids, such as vases, on the apparatus.
< Do not install this apparatus in a confined space such as a book case or similar unit.
< The apparatus draws nominal non-operating power from the AC outlet with its POWER or STANDBY/ON switch not in the ON position.
< The apparatus should be located close enough to the AC outlet so that you can easily grasp the power cord plug at any time.
< The main plug is used as the disconnect device, the disconnect device shall remain readily operable.
< An apparatus with Class ! construction shall be connected to an AC outlet with a protective grounding connection.
< Batteries (battery pack or batteries installed) shall not be exposed to excessive heat such as sunshine, fire or the like.
< Excessive sound pressure from earphones and headphones can cause hearing loss.

WARNING: TO PREVENT FIRE RC SHOC HAZARD,O NOTEXPOSCE TIS APPLIANUCE O RAINE Rn

CAUTION

< DO NOT REMOVE THE EXTERNAL CASES OR CABINETS TO EXPOSE THE ELECTRONICS. NO USER SERVICEABLE PARTS ARE WITHIN!
< IF YOU ARE EXPERIENCING PROBLEMS WITH THIS PRODUCT, CONTACT TEAC FOR A SERVICE REFERRAL. DO NOT USE THE PRODUCT UNTIL IT HAS BEEN REPAIRED.

Contents

Thank you for choosing TEAC. Read this manual carefully to get the best performance from this unit.

Before use

Read this before attempting any operations.

< As the unit may become warm during operation, always leave sufficient space around the unit for ventilation.
Make sure there is at least 20 cm of space above and at least 5 cm of space on each side of the unit. Do NOT place anything on top of the unit.

< The voltage supplied to the unit should match the voltage as printed on the rear panel. If you are in any doubt regarding this matter, consult an electrician.

< Choose the installation location of your unit carefully. Avoid placing it in direct sunlight or close to a source of heat. Also avoid locations subject to vibrations and excessive dust, heat, cold or moisture.

< Do not place the unit on an amplifier/receiver.

< Do not open the cabinet as this might result in damage to the circuitry or electrical shock. If a foreign object should get into the unit, contact your dealer or service company.

< When removing the power plug from the wall outlet, always pull directly on the plug, never yank the cord.

< Do not attempt to clean the unit with chemical solvents as this might damage the finish. Use a clean, dry or slightly damp cloth.

< Keep this manual in a safe place for future reference.

ENGLISH

...door Ant...a

...where DAB s...are...to use an ...or DAB antenna...two...ole.

Dipole:
For use in...gi...si...al are...pe of anten...omnidirect...al...d...ould incre...strength of...stations b...ing r...ei...u.

Multi-element...nna:
Al...for u...marginal or poor signal...reas. This...irect...and has high gain. This...nna...t the...smitter you want to liste...

...best reception by..."Manual Tune" on...

< It is possible to use a TV a...
DAB signals. This may giv...
antenna.
You would need to...
an F type, and it...
enhance the s...
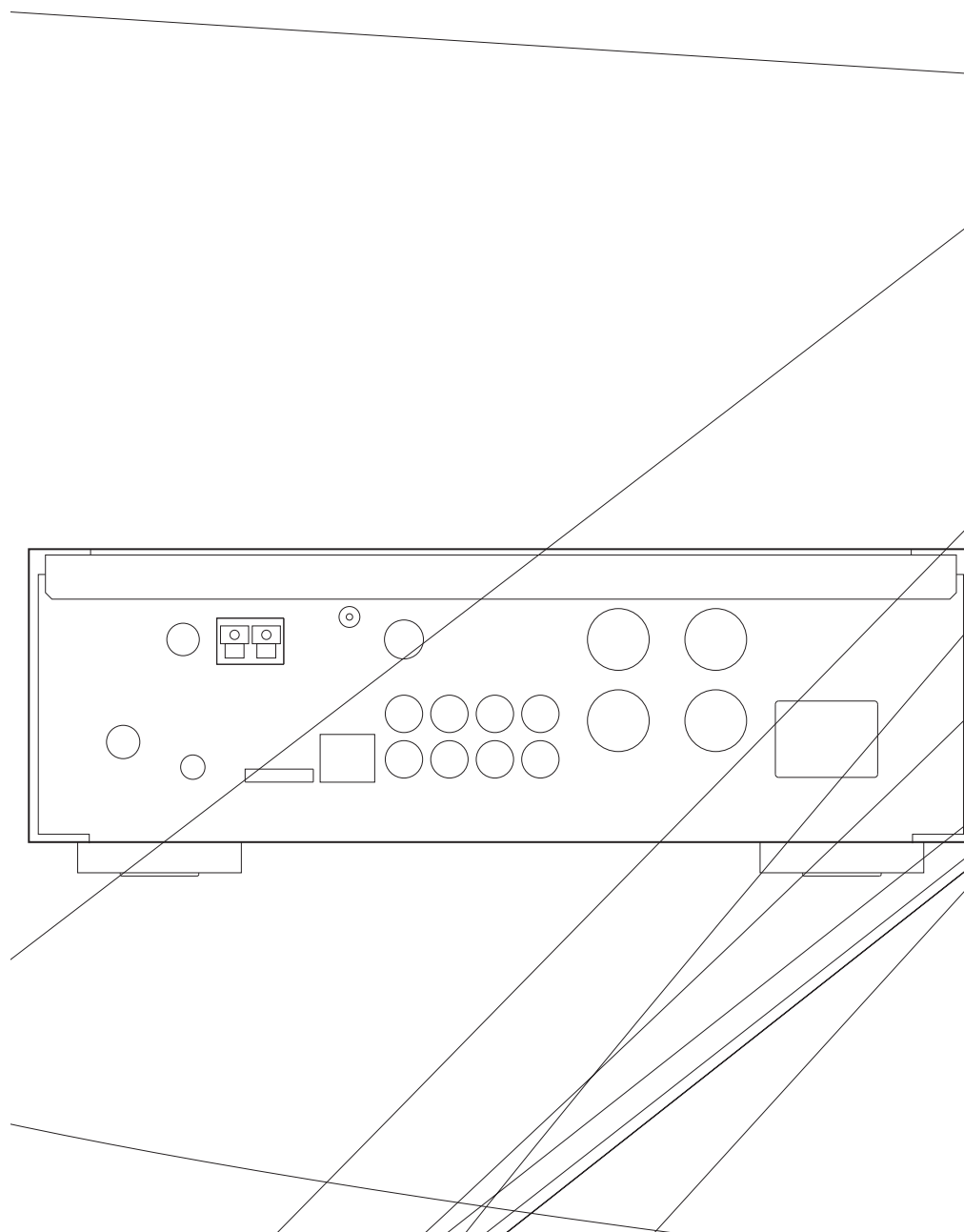
A LINE IN/OUT jacks

These jacks transmit an analog 2-channel audio signal. Connect the components using RCA cables.

< Make sure to connect the cables as follows:
white plug q   white jack (L: left channel)
red plug q   red jack (R: right channel)

White (L) ◎ ◁━ ━━━━━━━━ ━▷ ◎ White (L)
Red (R) ◎ ◁━ ━━━━━━━━ ━▷ ◎ Red (R)

< Be sure to insert each plug securely. To prevent hum and noise, avoid bundling the cables together with the AC power cord or speaker cables.

B PHONO jacks

Connect the turntable's RCA pin cord to the PHONO jacks.

< Make sure to connect the cables as follows:
white plug q   white jack (L: left channel)
red plug q   red jack (R: right channel)

< Be sure to insert each plug securely. To prevent hum and noise, avoid bundling the cables together with the AC power cord or speaker cables.

C SIGNAL GND

To prevent hum and noise, connect the ground lead of the turntable to this terminal.

< This is not a safety earth.

D AC Inlet

Use only the supplied power cord.

< Use of other power cord may result in fire or electric shock.

< Unplug the power cord when you are not going to use the unit for an extended period of time.

E iPod dock port

Connect the iPod dock (option) to this port.
< Make sure the label A side of the plug is up.
< Securely insert the plug until a slight "click" is heard.

To disconnect the dock
Push the buttons of the plug and pull.


label
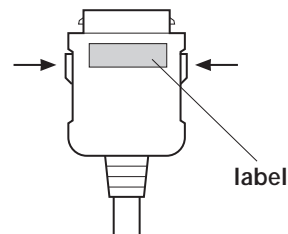
Compatible iPod Software
If your iPod does not work with the unit or with the remote control unit, software update may solve the problem. Visit the Apple web site and download the latest iPod Software.

F VIDEO OUT terminal

This terminal outputs video signal from iPod. Use a composite video cable to connect the dock to the composite video connector of a television or monitor.

G S-VIDEO OUT terminal

This terminal outputs S-video signal from iPod. Use an S-video cable to connect the dock to the S-video input of a suitably equipped television or monitor. Use this connection in preference to a composite video connection.

ENGLISH
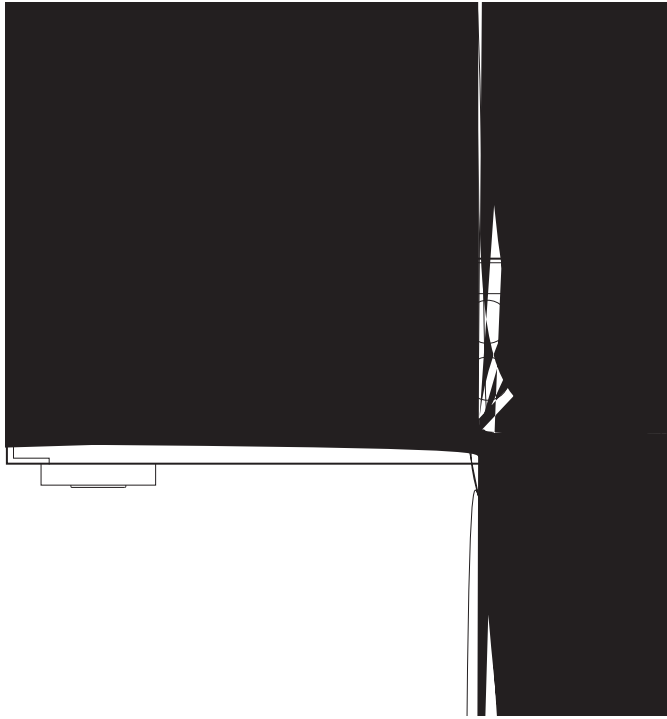
If you have TEAC compact disc player PD-H600, convenient system control functions are possible.

< By pressing the STANDBY/ON button on the remote control unit (RC-1181) of AG-H600 series receiver, you can switch on/standby both AG-H600 and PD-H600. You cannot switch on/standby PD-H600 using the remote control unit (RC-1182) of PD-H600.

< When you change the source on the AG-H600 series receiver from CD to another, playback stops on PD-H600.

When you want to use the system control functions, connect the SYSTEM CONTROL jack of each component by a system control connection cord (supplied with PD-H600), and set the SYSTEM CONTROL SELECTOR switch on the rear panel of the PD-H600 to "SYSTEM".

AG-H600NT/AG-H600DNT

You can operate the unit using the remote control unit RC-1181 supplied with it.

When operating the remote control unit, point it towards the remote sensor on the front panel of the unit.

< Remote control operation may be impossible if there are any obstacles between the unit and the remote control.

< If the remote control unit is operated near other appliances which generate infrared rays, or if other remote control devices using infrared rays are used near the unit, it may operate incorrectly. And conversely, the other appliances may operate incorrectly.

Battery Installation

1. Remove the battery compartment cover.
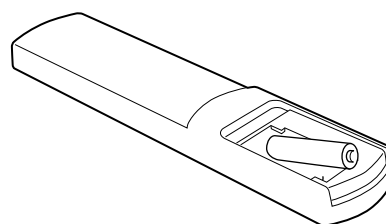
2. Insert two "AAA" (R03, UM-4) dry batteries. Make sure that the batteries are inserted with their positive "**+** " and negative "**_** " poles positioned correctly.

3. Close the cover.

Battery Replacement

If the effective range decreases, the batteries are exhausted. In this case replace the batteries with new ones.

Precautions concerning batteries

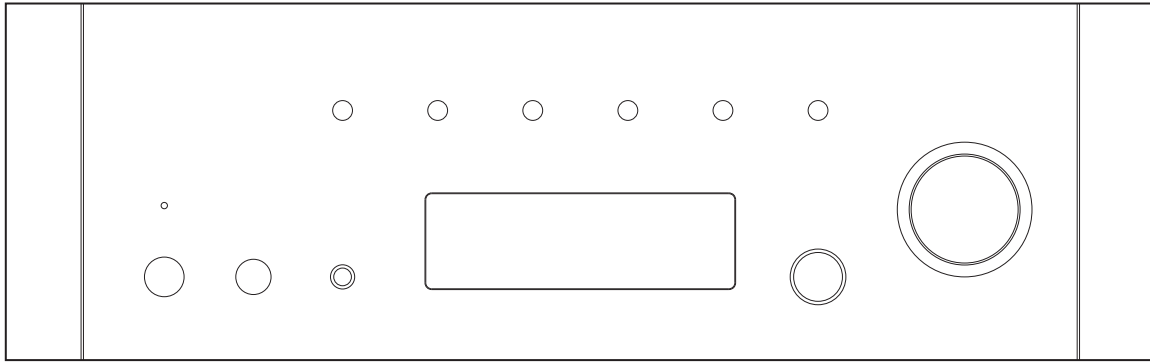< Be sure to insert the batteries with correct positive "**+** " and negative "**_** " polarities.

< Use batteries of the same type. Never use different types of batteries together.

< Rechargeable and non-rechargeable batteries can be used. Refer to the precautions on their labels.

< When the remote control unit is not to be used for a long time (more than a month), remove the batteries from the battery compartment to prevent them from leaking. If they leak, wipe away the liquid inside the battery compartment and replace the batteries with new ones.

< Do not heat or disassemble batteries and never dispose of old batteries by throwing them in a fire.

Caution

< Check the impedance of your speakers. Connect speaker with an impedance of between 4 ohms and 8 ohms.

< The red speaker terminals are **+** (positive) and the black speaker terminals are **_** (negative).

Generally, the **+** side of the speaker cable is marked to make it distinguishable from the **_** side of the cable. Connect the marked side to the **+** terminal and the unmarked side to the black **_** terminal.

< The metal portions of the two separate wires should not touch or an electrical short can occur. Shorted wires can create a fire hazard or induce a failure in your equipment.

< Be sure to insert each plug securely. To prevent hum and noise, avoid bundling the cables together with the AC power cord or other cables.

How to connect:

1. Turn the terminal cap counterclockwise to loosen it. The speaker terminal caps cannot be fully removed from the base.

2. Insert the wire into the terminal and turn the terminal cap clockwise to securely connect it:

< Make sure none of the wire insulation is under the terminal and only the bare, stripped wire is touching the terminal.

3. Make sure the cable is fastened firmly by pulling the cable lightly.

a STANDBY/ON

Press this button to turn the unit on or standby.

b TUNER, CD, iPod, AUX , PHONO

Use these buttons to select a source.

c BAND

Use this button to select FM, AM, DAB or Internet Radio.

d TUNING/PRESET ($\vee$/$\wedge$)

Use these buttons to tune in FM/AM stations.

e TUNING MODE/AUTO TUNING

While listening to FM/AM/DAB, use this button to change the tuning mode.

f MEMORY SCAN

While listening to FM/AM/DAB, use this button to check the list of preset stations.

g FM MODE

While listening to FM, use this button to select stereo or monaural.

h REPEAT

Use this button to change the repeat mode of PD-H600 or iPod.

i Stop (H)

Use this button to stop playback of PD-H600 or iPod.

j SHUFFLE

Use this button to change the random mode of PD-H600 or iPod.

k Skip/Scroll (. $\wedge$// $\vee$)

Use these buttons to skip tracks/files during playback of the PD-H600.
Use these buttons to scroll through menu items.

l Play/Pause (y /J)

Use this button to start or pause playback of the PD-H600 or iPod.

m MUTING

Use this button to mute the sound.

n DIMMER

You can use this button to dim the display among three levels.
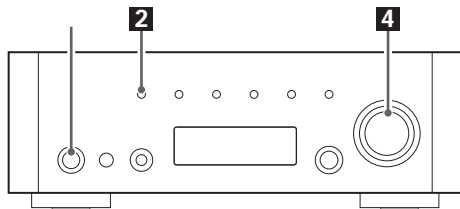
o Search (m /,)

Use these buttons to search for a track/file during playback of the PD-H600.
Use these buttons to skip tracks during playback of the iPod.

P VOLUME (+/–)

Use these buttons to adjust the volume.

Basic Operation

1 Press the power switch to turn the unit on.

4 Gradually turn up the volume to the required level by turning the VOLUME/SET knob.

The standby indicator lights blue.

< When the system control functions are activated, always set this switch on, and turn the unit on/standby using the remote control unit.

2 Select a source.

Each time you press the SOURCE button, the source changes as follows:

CD

iPod

AUX

PHONO

DAB

Internet radio

FM

AM

< You can also use the TUNER, CD, iPod, AUX, PHONO and BAND buttons on the remote control unit to select a source.

3 Start playback of the component, or tune in a radio station on this unit.
Please read the instructions of each component.

Muting

Press the MUTING button to mute the sound temporarily.

< To restore the sound, press the MUTING button again.

Dimmer

Each time you press the DIMMER button, the display changes as follows:

NORMAL (Normal)

DIMMER (Dimmed)

LIGHT OFF (Display off)

< This setting is not memorized when the unit turns into standby. The next time the unit is turned on, the display is illuminated as normal.
< When the unit is operated during the setting is "LIGHT OFF", the display turns normal briefly and will turn off again.

Adjusting bass, midrange, treble, and balance of speakers

1 Select the item to adjust.

Each time you press the VOLUME/SET knob, the display changes as follows:

VOLUME (volume)

BASS

MID

TREBLE

BALANCE

DIMMER (see the previous page)

BASS

Adjusts the level of low frequency sound range. The level can be adjusted from –12 to +12.

MID

Adjusts the level of middle frequency sound range. The level can be adjusted from –12 to +12.
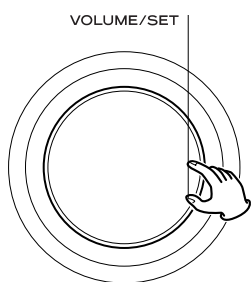
TREBLE

Adjusts the level of high frequency sound range. The level can be adjusted from –12 to +12.

BALANCE

Adjusts the balance of the volume level between left and right speakers.

2 Turn the VOLUME/SET knob to change the setting.

VOLUME/SET

3 Leave the unit idle for 3 seconds to exit the setup mode.

Tone Direct

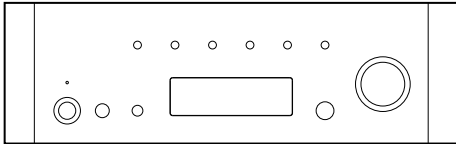Press the TONE DIRECT button to cancel the tone and balance adjustments temporarily.

When this function gets active, the Tone Direct indicator lights up temporarily.

< To cancel the Tone Direct function, press the button again.

< When this function is active and no operation is done for about 5 seconds, the display is turned off regardless of the dimmer setting.

1 Select iPod by pressing the SOURCE button repeatedly.

Basic operations

To suspend playback temporarily (pause mode)

During playback, press the play/pause button (**G** /**J**). Playback stops at the current position.

2 Insert the iPod into the dock.

< To resume playback, press the play/pause button (**G** /**J**) again.

To skip to the next or a previous track

During playback, press the search buttons (**m** /,) repeatedly until the desired track is found.

The iPod automatically turns on and starts playback from the iPod's music list.

< When the iPod is inserted while a source other than iPod is selected, the iPod will turn on and enter the pause mode.

< Make sure to use an appropriate dock adapter (see "Getting Started" on the owner's manual of the iPod dock).

< The iPod is recharged when it is plugged into the dock and the AG-H600 series receiver is on. While the unit is on standby, the iPod is not recharged because the unit's power consumption is minimised to meet the regulation of IEA.

< When headphones are plugged into the iPod, sound comes from both the speakers of the AG-H600 series receiver and the headphones.

< When the search button (**m**) is pressed during playback, the current track will be played from the beginning. If you want to play the previous tracks, press the search button (**m**) twice or more.

To search for a part of a track

During playback, hold down the search button (**m** or ,) and release it when the part you want to listen to is found.

Menu operations

To go back to the previous menu
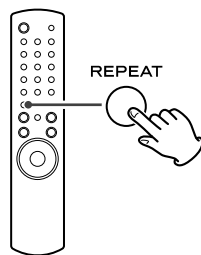Press the MENU button.

< This button is equivalent to the MENU button on your iPod.

To select the menu item
Press the scroll buttons (. ∧// ∨) to scroll to the menu item you want, and then press the ENTER button.

< On the main unit, turn the MULTI JOG/ENTER knob to scroll to the menu item you want, and then press the MULTI JOG/ENTER knob.

Repeat playback

Each time the REPEAT button is pressed, the repeat mode changes as follows:

One (repeat one song)

All (repeat all the songs in the list)

Repeat Off

< When you select the "One", the Repeat One icon (⟳) appears in the iPod's display.

< When you select the "All", the Repeat icon (⟳) appears in the iPod's display.

Shuffle playback
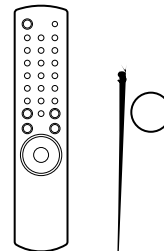
Each time the SHUFFLE button is pressed, the shuffle mode changes as follows:

Song (shuffle songs)

Album (shuffle albums)

Shuffle Off

< When you select "Song", the iPod shuffles songs within the list you choose to play.

< When you select "Album", the iPod plays all the songs on an album in order, and then randomly selects another album in the list and plays through it in order.

< During playback, the Shuffle icon (⤬) appears in the iPod's display.

DAB Basic operations

Setting up your DAB Tuner

The first time you select DAB as the source, the unit will scan for DAB channels and build a channel list.

1 Press the power switch to turn the unit on.

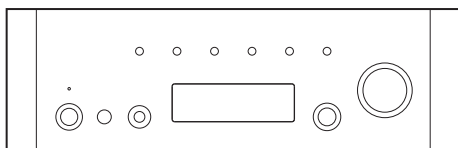< When the system control functions are activated, always set this switch on, and turn the unit on/standby using the remote control unit.

2 Select DAB by pressing the SOURCE button repeatedly.

< You can also use the BAND button on the remote control unit.

The unit will scan for ensembles broadcast in the local area and add them to the channel list as they are found. The scan should take about 20 seconds.

```
Scanning...
209.93MHz
```

After broadcast services have been found the channels are listed in alphanumeric order.

< If no broadcast services are found, please check that the antenna is correctly connected to the unit.

Using the Channel List

1 Select DAB by pressing the SOURCE button repeatedly.

< You can also use the BAND button on the remote control unit.

The list of available channels is displayed.

< If the channel list is not displayed, turn the MULTI JOG/ENTER knob or press the skip buttons (. //) on the remote control unit.

2 Scroll through the channels in the channel list.
Turn the MULTI JOG/ENTER knob.

3 When you have found a channel that you want to listen to, press the ENTER button.

The channel is tuned in and channel information is displayed.

Note

< To display the channel list while listening to a DAB channel, turn the MULTI JOG/ENTER knob or press . // on the remote control unit.

< Channels are displayed in alphanumeric order in the channel list, with numbers coming first.

< If a channel is no longer broadcasting or the unit is moved out of the area of a broadcast channel, the unit will no longer be able to tune in the channel. If the channel cannot be tuned in, a question mark "?" is displayed in front of the channel name. If you select this channel to tune in by pressing the MULTI JOG/ENTER knob, "No stations Available" is displayed.

< You can move a channel that is no longer available to the end of the channel list. See "Station order" on page 19.

DAB menu operations

In DAB mode, use DAB menu to access various functions. There are 6 options in the DAB menu.

MENU
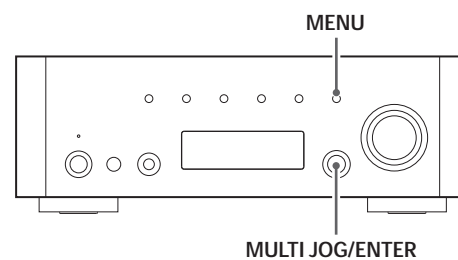
MULTI JOG/ENTER

To open DAB menu

Press the MENU button while DAB is selected as the source.

MENU

ENGLISH

To select the menu item

Turn the MULTI JOG/ENTER knob to scroll to the menu item you want, and then press the MULTI JOG/ENTER knob.

< On the remote control unit, use the scroll buttons (. ∧// ∨) to scroll to the menu item you want, and then press the ENTER button.

DAB menu items

Station List
See "Using the Channel List" on page 16.

Local Scan
See "Channel Scan" on page 18.

Full Scan
See "Channel Scan" on page 18.

Manual Tune
See "Manual Tune" on page 18.

DRC
See "DRC value" on page 18.

Station Order
See "Station order" on page 19.

Channel Scan

If you move the unit to a new area or you want to check to see if there are new channels available in your area, you can scan DAB bands to find new channels.

1 Open the DAB menu.

Press the MENU button while DAB is selected as the source.

MENU

```
▶Station List
 Local  Scan
```

2 Select "Local Scan" or "Full Scan".

Turn the MULTI JOG/ENTER knob to select the item, and then press the MULTI JOG/ENTER knob.

ENTER/JOG

Local Scan

The unit will scan the DAB bands between 10A and 13F and add the channels found to the channel list.

Full Scan

The unit will scan all the DAB bands and add the channels found to the channel list. Try this if "Local Scan" does not find the channels you want.

Manual Tune

The signal strength is displayed. This may be useful when adjusting or positioning an antenna for better reception.

1 Open the DAB menu.

Press the MENU button while DAB is selected as the source.

MENU

```
▶Station List
 Local  Scan
```
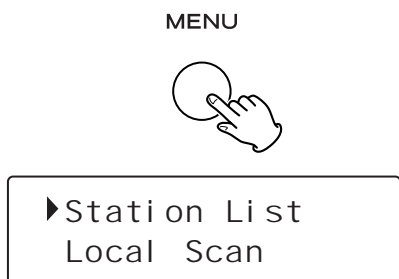
2 Select "Manual Tune".

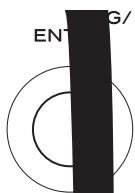Turn the MULTI JOG/ENTER knob to select the item, and then press the MULTI JOG/ENTER knob.

```
 Full  Scan
▶Manual  Tune
```
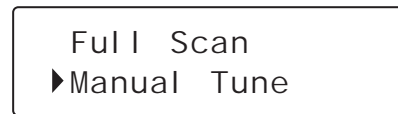
3 Select the channel you want to tune in.

Turn the MULTI JOG/ENTER knob to select the item, and then press the MULTI JOG/ENTER knob.

```
 5A   174.92MHz
 □□□□□□□□
```
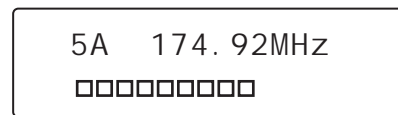
The signal strength indicator is displayed.

4 While viewing the indicator, adjust or reposition the antenna until the best reception is indicated.

DRC value

This option sets the Dynamic Range Control (DRC) value to be applied to received broadcasts. DRC is used to reduce the range between high and low volumes of audio and is sometimes applied at the broadcast source. Pop music may have a high value of DRC applied, appropriate for constantly high listening levels, while classical music broadcasts may have no DRC applied to allow the listener to hear the full dynamic range of the source volume.

1 Open the DAB menu.

Press the MENU button while DAB is selected as the source.

MENU

```
▶Station List
 Local  Scan
```
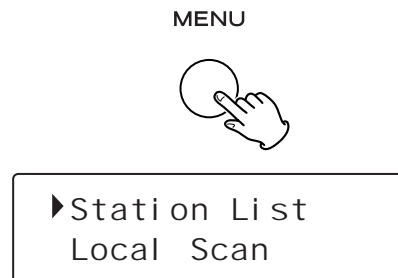
2 Select "DRC".

Turn the MULTI JOG/ENTER knob to select the item, and then press the MULTI JOG/ENTER knob.

MULTI JOG/
ENTER

```
 Manual  Tune
▶DRC
```
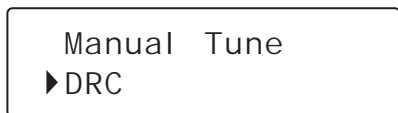
3 Select the desired level of DRC.

Turn the MULTI JOG/ENTER knob to select the item, and then press the MULTI JOG/ENTER knob.

```
 DRC high        *
▶DRC low
```
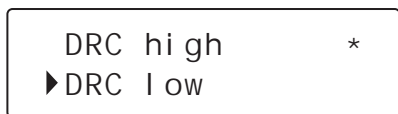
DRC off

No DRC is applied.

DRC low

Medium.

DRC high

Maximum.

< Current setting is marked with "∗". To see the mark, turn off the Tone Direct function.

Station order

You can select the order in which stations are listed.

1 Open the DAB menu.

Press the MENU button while DAB is selected as the source.

MENU

```
▶Station List
 Local  Scan
```

2 Select "Station Order".

Turn the MULTI JOG/ENTER knob to select the item, and then press the MULTI JOG/ENTER knob.

```
 DRC
▶Station Order
```

3 Select the desired option.

Turn the MULTI JOG/ENTER knob to select the item, and then press the MULTI JOG/ENTER knob.

```
 Alphanumeric   *
▶Ensemble
```
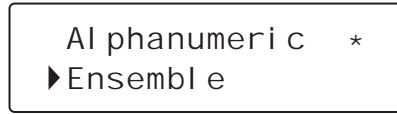
Alphanumeric

This is the default order. Channels are listed by name with numbers first and then alphabetically by letters in the channel name.

Ensemble

Channels are listed by ensemble name.

Valid

This option will list active stations at the top of the channel list, and channels that are in the list but have no service in your area at the end.

< Current setting is marked with "∗". To see the mark, turn off the Tone Direct function.

ENGLISH

Changing Display Settings

You can choose the type of information displayed in the second line of the display while listening to a DAB channel.
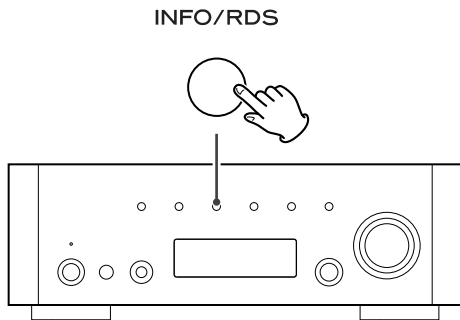
INFO/RDS

Each time the INFO/RDS button is pressed, the information is displayed as follows.

DLS
↓
Programme type
↓
Ensemble name
↓
Channel and frequency
↓
Bitrate mode
↓
Time & Date
↓
Signal strength
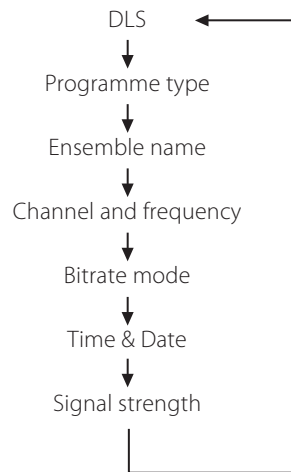
DLS

The Dynamic Label Segment (DLS) is the scrolling text label supplied by the radio station. It may be information on music titles or details regarding the programme or station.

```
BBC Radio 5 Live
WEEKDAY NEWS & D
```

Programme type

This is a description of the type of broadcast supplied by the radio station such as Pop, Rock or Classical music.

```
BBC Radio 5 Live
Drama
```

Ensemble name

This displays the name of the ensemble that is broadcasting the programme.

```
BBC Radio 5 Live
BBC National DAB
```

Channel and frequency

This displays the channel and frequency of the current playing broadcast.

```
BBC Radio 5 Live
11C  220.35MHz
```

Bitrate mode

This displays the bitrate of the current playing broadcast.

```
BBC Radio 5 Live
192Kbps STEREO
```

Time & Date

This displays the current time and date, which is supplied by the radio station and should always be accurate.

```
BBC Radio 5 Live
10:03 19-04-2009
```

Signal strength

This displays the signal strength of current ensemble.

```
BBC Radio 5 Live
□□□□□□□□□□
```

1 Select FM or AM by pressing the SOURCE button repeatedly.

< You can also use the BAND button on the remote control unit.

2 Select the desired tuning mode.

Each time the TUNING MODE button is pressed, the tuning mode changes as follows:

Manual tune

Auto tune

Preset tune

3 Select the station you want to listen to.

MULTI JOG/
ENTER
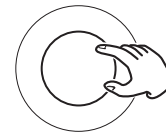
Manual tuning mode

Turn the MULTI JOG/ENTER knob (or press the TUNING/PRESET ⌄/⌃ button on the remote control unit) until the station you want to listen to is found.

The frequency changes by a fixed step (FM: 50 kHz steps, AM: 9 kHz steps).

Auto tuning mode

Turn the MULTI JOG/ENTER knob (or press the TUNING/PRESET ⌄/⌃ button on the remote control unit) to begin auto tuning.

When a station is found, the unit tunes in the station automatically. Repeat this step until the station you want to listen to is found.

< Press the TUNING MODE button to stop the auto tuning.

FM Mode

Pressing the FM MODE button alternates between Stereo mode and Mono mode.

Stereo:

FM stereo broadcasts are received in stereo and the stereo indicator is displayed.

Mono:

Select this mode when the signal is weak. Reception will be forced monaural, reducing unwanted noise.

ENGLISH

Manual Preset (FM/AM/DAB)

You can store up to 30 FM, 30 AM and 10 DAB stations.

1

5 Within 4 seconds, press the MEMORY button.

The station is stored.

< To store more stations, repeat steps **2** to **5**.

< If you do not press the MEMORY button within 4 seconds after selecting the preset number, presetting will be cancelled.

Presetting Automatically (FM/AM only)
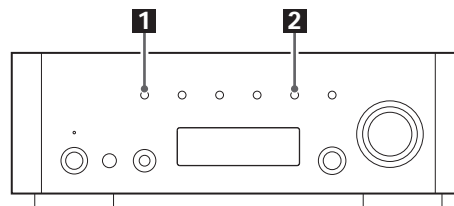
1 Select FM or AM by pressing the SOURCE button repeatedly.

SOURCE

< You can also use the BAND button on the remote control unit.

2 Press and hold the MEMORY button for more than 3 seconds.

MEMORY

Up to 30 of the best received stations in your area will be stored automatically.

How to select preset stations (FM/AM/DAB)
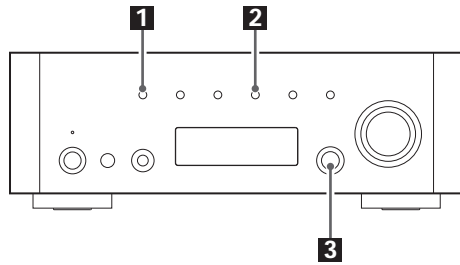
1 Select DAB, AM or FM by pressing the SOURCE button repeatedly.
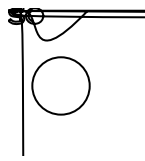
< You can also use the BAND button on the remote control unit.

2 Select the preset tuning mode.

Press the TUNING MODE button repeatedly until "CH" is displayed.

3 Select a preset channel by turning the MULTI JOG/ENTER knob.

MULTI JOG/
ENTER

The selected preset channel is tuned in.

Checking preset stations (FM/AM/DAB)

You can see the list of preset stations.

Press the MEMORY SCAN button while listening to FM, AM or DAB.

FM/AM:

Preset number and its frequency is displayed in turn. The unit turns to the preset tuning mode after all the preset stations have been displayed.

DAB:

Preset number is displayed in turn. The unit tunes in the first preset station available. Turn the MULTI JOG/ENTER knob (or press the TUNING/PRESET button ($\vee$ or $\wedge$) on the remote control unit) to select another preset station.

PTY Search
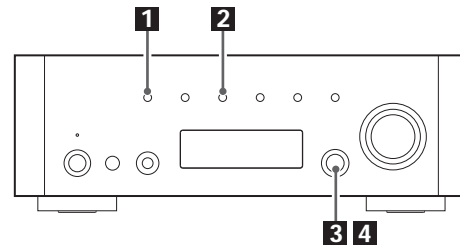
You can search for stations by programme type.

1 Select FM as the source.

Press the SOURCE button repeatedly.

< You can also use the BAND button on the remote control unit.

2 Press the INFO/RDS button for more than 3 seconds.

INFO/RDS

3 Select the desired programme type (PTY).

Turn the MULTI JOG/ENTER knob to select an item

MULTI JOG/
ENTER
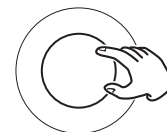
Select your desired one from among 31 kinds of PTY programmes.
The programme type will blink.

4 Press the MULTI JOG/ENTER knob.

MULTI JOG/
ENTER
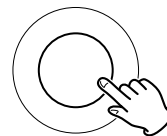
Searching starts.

< When the broadcast whose programme type you have selected is found, searching stops and the programme type will be displayed.

< If the broadcast of selected programme type is not found during PTY Search, it will stop at the beginning frequency.

< If you want to stop searching, press the INFO/RDS button.

News	:	brief announcements, events, public opinion, reports, actual situations.
Current Affairs	:	a kind of suggestion including practical announcements other than news, documents, discussion, analysis and so on.
Information	:	daily information or reference such as weather forecast, consumer guide, medical assistance and so on.
Sport	:	sports related programs.
Education	:	educational and cultural information.
Drama	:	all kinds of radio concert and serial drama.
Cultures	:	all aspects of national or local culture including religious events, philosophy, social science, language, theatre, and so on.
Science	:	programmes on natural science and technology
Varied Speech	:	popular programmes such as quiz, entertainment, private interview, comedy, satire and so on.
Pop Music	:	programme on commercial, practical and popular songs, and sale volume of discs, etc.
Rock Music	:	practical modern music generally composed and played by young musicians.
Easy Listening	:	popular music usually lasting for less than 5 minutes.
Light Classics M	:	classical music, instrumental music, chorus, and light music favored by non-professionals.
Serious Classics	:	orchestra including great operas, symphony, chamber music and so on.
Other Music	:	other music styles (Rhythm & Blues, Reggae, etc.)
Weather & Metr	:	weather reports, forecast
Finance	:	financial reports, commerce, trading
Children's Progs	:	children's programmes
Social Affairs	:	social affairs
Religion	:	religious programmes
Phone In	:	programme in which the public expresses its view by phone.
Travel & Touring	:	travel reports
Leisure & Hobby	:	programmes concerning recreational activities
Jazz Music	:	jazz music
Country Music	:	country music
National Music	:	national music
Oldies Music	:	music from the so-called golden of popular music
Folk Music	:	folk music
Documentary	:	documentaries
Alarm Test		
Alarm-Alarm !	:	a programme notifying an emergency or a natural disaster.

Initial setup

When you use the Internet radio function for the first time, the unit starts an initial setup procedure to connect to the Internet.
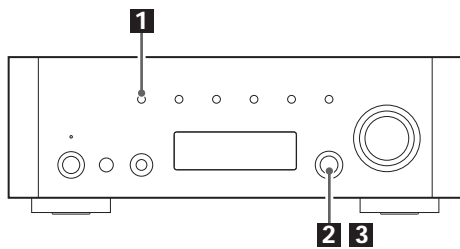
1 Select Internet Radio by pressing the SOURCE button repeatedly.

SOURCE

< You can also use the BAND button on the remote control unit.

Initial setup wizard starts.

2 Select your country/area.

Turn the MULTI JOG/ENTER knob to select the item, and then press the MULTI JOG/ENTER knob.

MULTI JOG/ ENTER   MULTI JOG/ ENTER


```
▸Most of Europe
 USA
```
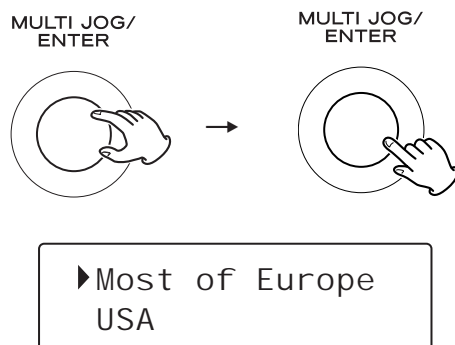
3 Select a network name you want to use.

Turn the MULTI JOG/ENTER knob to select the item, and then press the MULTI JOG/ENTER knob.

MULTI JOG/ ENTER


```
▸005AD904JM2
 [Wired]
```
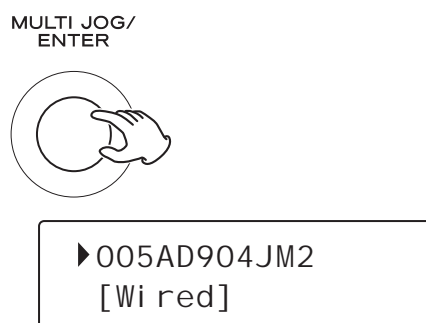
< To use a wired Internet connection, select "[Wired]".

4 Enter the correct password for the network if required.

< See "How to input characters" below.

Now the unit starts to connect to the Internet.
When connection is established successfully, the Internet radio menu is displayed. See page 27 to select a station.

< If you have a problem connecting to the Internet, see page 30.

How to input characters

< You can input characters only from the remote control unit.

```
Key: Ge
0123456789<EC
```

1. Press the skip/scroll buttons (. ⋀// ⋁) to select a set of characters.
2. Press the search buttons (m /,) to select the character you want to input.
3. Press the ENTER button to input the selected letter.
   Repeat steps 1 to 3 to input next characters.

<: Deletes the last character.
E: Enters your input.
C: Cancels the operation and goes back to the previous screen.

Characters you can input
0123456789
ABCDEFGHIJKLMNOPQRSTUVWXYZ
abcdefghijklmnopqrstuvwxyz
(space)!"#$%&'()*+,-./:;<=>?@[\]^_`{|}~

Listening to an Internet radio station/a Podcast

1 Select Internet Radio by pressing the SOURCE button repeatedly.

< You can also use the BAND button on the remote control unit.

2 Open the Internet radio menu.

Press the MENU button.

The Internet radio menu appears.

< See page 29 for the details of the Internet radio menu.

3 Select "Station list".

Turn the MULTI JOG/ENTER knob to select the item, and then press the MULTI JOG/ENTER knob.

4 Select "Stations" for Internet radio stations, or "Podcasts" for Podcasts.

Turn the MULTI JOG/ENTER knob to select the item, and then press the MULTI JOG/ENTER knob.

A list of search methods appears.

5 Select a search method.

Turn the MULTI JOG/ENTER knob to select the item, and then press the MULTI JOG/ENTER knob.

Location:
Search by the location of the broadcaster.

Genre:
Search by the genre of music played on the station/Podcast.

Search stations:
Search by the station's name.

Search podcasts:
Search by the Podcast's name.

Popular stations:
Select from a list of popular stations.

New stations:
Select from a list of recently added stations.

ENGLISH

6 **If you have selected "Location", "Genre" or "Search stations" in step 5, search for the channel you want.**

Turn the MULTI JOG/ENTER knob to select the item, and then press the MULTI JOG/ENTER knob.

< For the operations of inputting characters, see "How to input characters" on page 26.

A list of stations/Podcasts is displayed.

7 **Select a station or a Podcast you want to listen to.**

Turn the MULTI JOG/ENTER knob to select an item, and press the knob.

Now you can listen to the station.

To change the displayed information
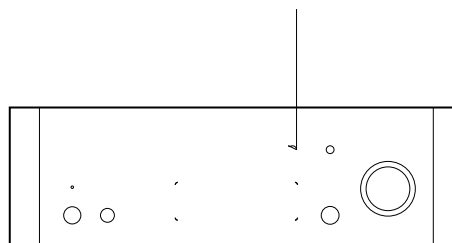
Each time the INFO/RDS button is pressed, information on the second line of the display changes.

< The types of information displayed may vary depending on the stations/Podcasts.

To store the current station/Podcast as favourite

Press and hold the ENTER button on the remote control unit until "Favourite Added" is displayed.

< Your favourite stations can be easily accessed from "My favourites" in "Station list".

< You can also add to your favourite stations using the Internet radio portal. (See "Radio Portal" on page 31.)

Internet Radio Menu Operations

You can access channel lists or setup menus using the Internet radio menu of this unit.

To open the Internet radio menu

While listening to the Internet radio, press the MENU button to open the Internet radio menu.

```
▶Last listened
  Station list
```

< Press the MENU button again to return to the playback display.

To scroll through the menu items

Turn the MULTI JOG/ENTER knob.

MULTI JOG/
ENTER

< You can also use the scroll buttons (. ⋀// ⋁) on the remote control unit to scroll through menu items.

To select a menu item

Press the MULTI JOG/ENTER knob.

MULTI JOG/
ENTER
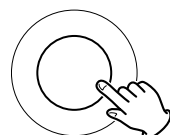
To go back to the previous screen

Press the search button (m) on the remote control unit.

Software update

The software of the unit can be updated via the Internet connection, so that you are able to use the latest features of the unit. Regularly check for updates.

1 Select Internet Radio by pressing the SOURCE button repeatedly.

SOURCE

< You can also use the BAND button on the remote control unit.

2 Open the Internet radio menu.

Press the MENU button.

MENU

```
▶Last listened
  Station list
```

3 Select "Setup", "System setup", and then "Software update".

Turn the MULTI JOG/ENTER knob to select the item, and then press the MULTI JOG/ENTER knob.

Repeat this operation until the menu you want appears.

MULTI JOG/
ENTER → MULTI JOG/
ENTER
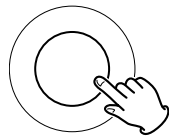
```
  Internet setup
▶Software update
```

If an update is available, the unit automatically starts download and installation of the new software.

< You can check the current software version of your unit using the Internet radio menu. Follow the menu items as follows:
Setup **w** Info **w** SW version

Performing the setup wizard

If you have moved or modified your network environment, or if you have a problem connecting to the Internet, perform the initial setup wizard to establish the Internet connection again.

Follow the menu items as follows:
Setup **w** System setup **w** Internet setup **w** Wizard

Setting the wireless network

If you are using a wireless network for the unit and you have moved to a new location, change the area setting so that network connection is established properly.

Follow the menu items as follows:
Setup **w** System setup **w** Internet setup **w** Wlan region

Manual Internet setup

You can check and modify detailed settings of the Internet connection.

Follow the menu items as follows:

To check the current network settings
Setup **w** System setup **w** Internet setup **w** View settings

To configure settings
Setup **w** System setup **w** Internet setup **w** Manual settings

To delete a network profile
Setup **w** System setup **w** Internet setup **w** Network profile

Internet radio portal

Access the radio portal on the Internet using your computer to fully enjoy the Internet radio function of this unit.

< You can create a list of your favourite stations/Podcasts on the portal. This list can be viewed from your unit, making it easier for you to find your usual programmes.
You can see the list of your favourite stations in the Internet radio menu as follows:
    Station list **w** My favourites

< If the station/Podcast you want to listen to is not in the channel list, you can create your own list.
You can see the list of your added stations in the Internet radio menu as follows:
    Station list **w** My Added Stations

Accessing the radio portal

1. Open your internet browser and access http://www.wifiradio-frontier.com.

2. Click on the "Register" link to start registration.

3. Input your access code and log in.

Checking the "access code" of your unit

Each unit of AG-H600 series receiver has its "access code". This code is required to log in the Internet radio portal.

1 **Select Internet Radio by pressing the SOURCE button repeatedly.**

SOURCE

< You can also use the BAND button on the remote control unit.

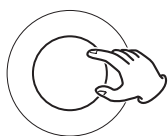**2** **Open the Internet radio menu.**

Press the MENU button.

MENU

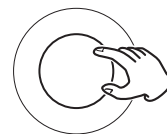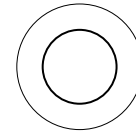**3** **Select "Station list", "Help", and then "Get access code".**

Turn the MULTI JOG/ENTER knob to select the item, and then press the MULTI JOG/ENTER knob.
Repeat this operation until the menu you want appears.

MULTI JOG/ ENTER   MULTI J ENTER

```
Access code
SGPD7DM
```

The access code of your unit is displayed.

If you experience any problems with the unit, please take a moment to look through this chart and see if you can solve the problem yourself before you call your dealer or a TEAC service centre.

Amplifier section

No power.
e Check the connection to the AC power source. Check and make sure the AC source is not a switched outlet and if it is, the switch is turned on. Make sure there is power to the AC outlet by plugging another item such as a lamp or a fan.

No sound.
e Adjust the volume by turning the VOLUME knob.
e Check that the speakers and components are connected securely.
e Check the operation of the connected component.
e Select the proper source using the SOURCE button.

Sound cuts off when listening to the music or no sound even though power is on.
e Speaker impedance is less than prescribed for this unit.
e Turn the power off and reduce the volume.

Low bass response.
e Speaker polarity (+/−) is reversed. Check all speakers for correct polarity.

BASS, MID, TREBLE, BALANCE adjustments do not work.
e Press the TONE DIRECT button to cancel the Tone Direct function.

Right and left channels are reversed.
e The input connection or the speaker connection may be reversed.

The sound is noisy.
e The connection cords may be close to the power cord or the fluorescent light.
e Connect the ground lead of the turntable to the SIGNAL GND terminal of this unit.

The sound comes from only one channel.
e Check the speaker connection.
e Adjust the balance to the centre.

The display is off.
e Set the dimmer to "NORMAL" or "DIMMER".
e Press the TONE DIRECT button to cancel the Tone Direct function.

Remote control unit

Remote control does not work.
e If the batteries are exhausted, change the batteries.
e Use the remote control unit within the effective range (5m) and point it toward the remote sensor on the front panel.
e Make sure that there are no obstacles between the remote control unit and the main unit.
e If a fluorescent light is near the unit, turn it off.

iPod Player

Cannot insert the iPod.
e Check if appropriate adapter is inserted to the dock.
e Remove dust or obstacles from the dock and the iPod.

The iPod does not play.
e Remove the iPod from the dock, wait a few seconds, and insert it again.
e Software update may solve the problem. Visit the Apple website and download the latest iPod Software.

Cannot operate the iPod on the components.
e Select iPod as the source.

Cannot operate the iPod.
e Make sure the HOLD switch of the iPod is not set to HOLD.

DAB tuner

No sound.
e Ensure that the unit has been able to locate DAB stations.

"NO stations Available" appears on the display.
e Check that the DAB antenna is connected (see page 5).
e Ensure that DAB broadcast covers your area.

Cannot access secondary services.
e Not all services are accompanied by secondary services. If a secondary service is available, the secondary indicator (">>") is displayed next to the station name.

Display goes out or displayed "service off air".
e This may occur if a broadcaster changes the label of a service or removes the label whilst you are listening to it. The unit will try to retune to this station. If the problem persists, follow the procedure for auto scan on page 18.

A burbling sound is heard on some stations.
e DAB system is able to produce quality audio from a low level signal, but when the signal level is too low, a "burbling" sound might be heard. To reduce this, try repositioning your antenna to gain maximum signal strength.

If normal operation cannot be recovered, unplug the power cord from the outlet and plug it again.

Specifications

Amplifier Section

Power output . . . . .75 W + 75 W (8 Ω, 1 kHz, JEITA)
90 W + 90 W (4 Ω, 1 kHz)
Rated power output . . . . .60 W + 60 W (8 Ω, 1 kHz, 0.1 %)
75 W + 75 W (4 Ω, 1 kHz, 0.1 %)
Total Harmonic Distortion . . . . .0.05 % (1 kHz, 8 Ω, 40 W)
S/N Ratio . . . . .PHONO: 70 dB (IHF-A/input short)
AUX, CD: 100 dB (IHF-A/input short)
TONE DIRECT: 110 dB (IHF-A/input short)
Input Sensitivity/Impedance. . . . . PHONO: 2.8 mV 10 kΩ
AUX, CD: 180 mV 47 kΩ
Frequency Response . . . . .10 Hz - 65 kHz (–3 dB)
Tone Control. . . . . .BASS : ±12 dB (100 Hz)
MID : ±12 dB (1 kHz)
TREBLE : ±12 dB (10 kHz)

FM Tuner

Tuning range . . . . 87.50 - 108.00 MHz (50 kHz steps)
Usable sensitivity. . . . . 6 dBμ
Harmonic distortion. . . . . .0.8 % (Mono)
1.2 % (Stereo)
Signal-to-Noise ratio . . . . .70 dB (Mono)
65 dB (Stereo)
Stereo separation . . . . 35 dB (1 kHz)
Preset stations 30

AM Tuner

Tuning range . . . . .522 - 1629 kHz (9 kHz steps)
Usable sensitivity. . . . . 55 dBμ
Harmonic distortion. . . . . .1.5 % (at 74 dBμ)
Signal-to-Noise ratio . . . . 45 dB (at 80 dBμ)
Preset stations 30

DAB Tuner

Tuning range . . . . Band 3, 174 MHz - 240 MHz
Input . . . . 50 ohms, nominal
Max signal . . . . 0 dBm typ
Sensitivity. . . . . –97 dBm typ
Adjacent Channel Rejection . . . . .32 dB typ
Preset stations 10

Internet Radio

Format . . . . MP3, WMA, RealAudio

Internet connection

LAN terminal. . . . . 10 BASE-T
Wireless LAN. . . . . IEEE 802.11b/g
Security. . . . . .WEP, WPA, WPA2

General

Power requirements . . . . .AC 230 V, 50 Hz
Power consumption . . . . .50 W (Standby: 0.7 W)
Dimensions (W x H x D) . . . . 290 x 102 x 338 mm
Weight . . . . 6.8 kg

Operating temperature . . . .+5˚C - +35˚C
Operating humidity . . . . 5% - 85% (no condensation)
Storage temperature . . . .–20˚C - +55˚C

Accessories

Remote Control Unit (RC-1181) x 1
Batteries (AAA) x 2
AM loop antenna x 1
FM Lead-type antenna x 1
DAB antenna x 1
Wireless LAN antenna x 1
Power cord x 1

< Design and specifications are subject to change without notice.
< Weight and dimensions are approximate.
< Illustrations may differ slightly from production models.

Information for Users on Collection and Disposal of Old Equipment and used Batteries

These symbols on the products, packaging, and/or accompanying documents mean that used electrical and electronic products and batteries should not be mixed with general household waste. For proper treatment, recovery and recycling of old products and used batteries, please take them to applicable collection points, in accordance with your national legislation and the Directives 2002/96/EC and 2006/66/EC.

By disposing of these products and batteries correctly, you will help to save valuable resources and prevent any potential negative effects on human health and the environment which could otherwise arise from inappropriate waste handling.

For more information about collection and recycling of old products and batteries, please contact your local municipality, your waste disposal service or the point of sale where you purchased the items.

Information on Disposal in other Countries outside the European Union

These symbols are only valid in the European Union. If you wish to discard these items, please contact your local authorities or dealer and ask for the correct method of disposal.

Note for the battery symbol (bottom right two symbol examples):

This symbol might be used in combination with a chemical symbol. In this case it complies with the requirement set by the Directive for the chemical involved.

Pb

Z