

Digital AV Receiver System

HTR5204

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PHILIPS

Important notes for users in U.K.

Mains plug

This apparatus is fitted with an approved 13 Amp plug. To change a fuse in this type of plug proceed as follows:

- 1 Remove fuse cover and fuse.
- 2 Fix new fuse which should be a BSI 362 5 Amp, A.S.T.A. or BSI approved type.
- 3 Refit the fuse cover.

If the fitted plug is not suitable for your socket outlets, it should be cut off and an appropriate plug fitted in its place. If the mains plug contains a fuse, this should have a value of 5 Amp. If a plug without a fuse is used, the fuse at the distribution board should not be greater than 5 Amp.

Note: The severed plug must be disposed off to avoid a possible shock hazard should it be inserted into a 13 Amp socket elsewhere.

How to connect a plug

The wires in the mains lead are coloured with the following code: blue = neutral (N), brown = live (L).

- As these colours may not correspond with the colour markings identifying the terminals in your plug, proceed as follows:
 - Connect the blue wire to the terminal marked N or coloured black.
 - Connect the brown wire to the terminal marked L or coloured red.
 - Do not connect either wire to the earth terminal in the plug, marked E (or e) or coloured green (or green and yellow).

Before replacing the plug cover, make certain that the cord grip is clamped over the sheath of the lead - not simply over the two wires.

Copyright in the U.K.

Recording and playback of material may require consent. See Copyright Act 1956 and The Performer's Protection Acts 1958 to 1972.

Italia

DICHIARAZIONE DI CONFORMITA'

Si dichiara che l'apparecchio HTR5204, Philips risponde alle prescrizioni dell'art. 2 comma 1 del D.M. 28 Agosto 1995 n. 548.

Fatto a Eindhoven

Philips Consumer Electronics
Philips, Glaslaan 2
5616 JB Eindhoven, The Netherlands

Norge

Typeskilt finnes på apparatens underside.

Observer: Nettbryteren er sekundert innkoplet. Den innebygde nettdelen er derfor ikke frakoplet nettet så lenge apparatet er tilsluttet nettkontakten.

For å redusere faren for brann eller elektrisk støt, skal apparatet ikke utsettes for regn eller fuktighet.

This product complies with the radio interference requirements of the European Community.



This product complies with the requirements of the following directives and guidelines: 73/23/EEC + 89/336/EEC + 93/68/EEC

For Customer Use:

Read carefully the information located at the bottom or rear of your Receiver and enter below the Serial No. Retain this information for future reference.

Model No. HTR5204

Serial No. _____

DK

Advarsel: Usynlig laserstråling ved åbning når sikkerhedsafbrydere er ude af funktion. Undgå udsættelse for stråling.

Bemærk: Netafbryderen er sekundært indkoblet og afbryder ikke strømmen fra nettet. Den indbyggede netdel er derfor tilsluttet til lysnettet så længe netstikket sidder i stikkontakten.

S

Klass I laserapparat

Varning! Om apparaten används på annat sätt än i denna bruksanvisning specificerats, kan användaren utsättas för osynlig laserstrålning, som överskrider gränsen för laserklass I.

Observera! Stömbrytaren är sekundärt kopplad och bryter inte strömmen från nätet. Den inbyggda nätdelen är därför ansluten till elnätet så länge stickproppen sitter i vägguttaget.

SF

Luokan I laserlaite

Varoitus! Laitteen käyttäminen muulla kuin tässä käyttöohjeessa mainitulla tavalla saattaa altistaa käyttäjän turvallisuusluokan I ylittävälle näkymättömälle lasersäteilylle.

Oikeus muutoksiin varataan. Laite ei saa olla alttiina tippu-ja roiskevedelle.

Huom. Toiminnanvalitsin on kytketty toisiopuolelle, eikä se kytke laitetta irti sähköverkosta. Sisäänrakennettu verkko-osa on kytkettyä sähköverkkoon aina silloin, kun pistoke on pistorasiasassa.

CAUTION

VISIBLE AND INVISIBLE LASER RADIATION WHEN OPEN. AVOID EXPOSURE TO BEAM

ADVARSEL

SYNLIG OG USYNLIG LASERSTRÅLING VED ÅBNING UNDGÅ UDSÆTTELSE FOR STRÅLING

VARNING

SYNLIG OCH OSYNLIG LASERSTRÅLNING NÄR DENNA DEL ÄR ÖPPNAD BETRakta EJ STRÅLEN

VARO!

AVATTAESSA OLET ALTTIINA NÄKYVÄLLE JA NÄKYMÄTTÖMÄLLE LASER SÄTEILYLLE. ÄLÄ KATSO SÄTEESEEN

VORSICHT

SICHTBARE UND UNSICHTBARE LASERSTRAHLUNG WENN ABDECKUNG GEÖFFNET NICHT DEM STRAHL AUSSETZEN

ATTENTION

RAYONNEMENT LASER VISIBLE ET INVISIBLE EN CAS D'OUVERTURE EXPOSITION DANGEREUSE AU FAISCEAU

'CONSUMERS SHOULD NOTE THAT NOT ALL HIGH DEFINITION TELEVISION SETS ARE FULLY COMPATIBLE WITH THIS PRODUCT AND MAY CAUSE ARTIFACTS TO BE DISPLAYED IN THE PICTURE. IN CASE OF 525 OR 625 PROGRESSIVE SCAN PICTURE PROBLEMS, IT IS RECOMMENDED THAT THE USER SWITCH THE CONNECTION TO THE 'STANDARD DEFINITION' OUTPUT. IF THERE ARE QUESTIONS REGARDING OUR TV SET COMPATIBILITY WITH THIS MODEL 525p AND 625p DVD PLAYER, PLEASE CONTACT OUR CUSTOMER SERVICE CENTER.'

Disposal of your old product



Your product is designed and manufactured with high quality materials and components, which can be recycled and reused.
When this crossed-out wheeled bin symbol is attached to a product it means the product is covered by the European Directive 2002/96/EC. Please inform yourself about the local separate collection system for electrical and electronic products.

Please act according to your local rules and do not dispose of your old products with your normal household waste. The correct disposal of your old product will help prevent potential negative consequences for the environment and human health.

Se débarrasser de votre produit usagé (Français)



Votre produit est conçu et fabriqué avec des matériaux et des composants de haute qualité, qui peuvent être recyclés et utilisés de nouveau.
Lorsque ce symbole d'une poubelle à roue barrée est attaché à un produit, cela signifie que le produit est couvert par la Directive Européenne 2002/96/EC.

Veuillez vous informer du système local de séparation des déchets électriques et électroniques.

Veuillez agir selon les règles locales et ne pas jeter vos produits usagés avec les déchets domestiques usuels. Jeter correctement votre produit usagé aidera à prévenir les conséquences négatives potentielles contre l'environnement et la santé humaine.

Cómo deshacerse del producto usado (Español)



Su producto ha sido diseñado y fabricado con materiales y componentes de alta calidad, que pueden ser reciclados y reutilizados.

Cuando vea este símbolo de una papelera con ruedas tachada junto a un producto, esto significa que el producto está bajo la Directiva Europea 2002/96/EC.

Deberá informarse sobre el sistema de reciclaje local separado para productos eléctricos y electrónicos.

Signe las normas locales y no se deshaga de los productos usados tirándolos en la basura normal de su hogar. El reciclaje correcto de su producto usado ayudará a evitar consecuencias negativas para el medio ambiente y la salud de las personas.

Entsorgung Ihres Altgerätes (Deutsch)



Ihr Produkt ist aus hochqualitativen Materialien und Bestandteilen hergestellt, die dem Recycling zugeführt und wiederverwertet werden können.
Falls dieses Symbol eines durchgestrichenen Müllcontainers auf Rollen auf diesem Produkt angebracht ist, bedeutet dies, dass es von der Europäischen Richtlinie 2002/96/EG erfasst wird.

Bitte informieren Sie sich über die örtlichen Sammelstellen für Elektroprodukte und elektronische Geräte.

Bitte beachten Sie die lokalen Vorschriften und entsorgen Sie Ihre Altgeräte nicht mit dem normalen Haushaltsmüll. Die korrekte Entsorgung Ihres Altgerätes ist ein Beitrag zur Vermeidung möglicher negativer Folgen für die Umwelt und die menschliche Gesundheit.

Wegwerpen van uw afgedankt apparaat (Nederlands)



Uw apparaat werd ontworpen met en vervaardigd uit onderdelen en materialen van superieure kwaliteit, die gerecycled en opnieuw gebruikt kunnen worden.

Wanneer het symbool van een doorstreepte vuilnisemmer op wielen op een product is bevestigd, betekent dit dat het product conform is de Europese Richtlijn 2002/96/EC.

Gelieve u te informeren in verband met het plaatselijke inzamelingsysteem voor elektrische en elektronische apparaten.

Gelieve u te houden aan de plaatselijke reglementering en apparaten niet met het gewone huishuif mee te geven. Door afgedankte apparaten op een correcte manier weg te werpen helpt u mogelijke negatieve gevolgen voor het milieu en de gezondheid te voorkomen.

Smaltimento del prodotto (Italiano)



Questo prodotto è stato progettato e fabbricato con materiali e componenti di alta qualità, che possono essere riciclati e riutilizzati.
Quando ad un prodotto è attaccato il simbolo del bidone con le ruote segnato da una croce, significa che il prodotto è tutelato dalla Direttiva Europea 2002/96/EC.

Si prega di informarsi in merito al sistema locale di raccolta differenziata per i prodotti elettrici ed elettronici.

Rispettare le norme locali in vigore e non smaltire i prodotti vecchi nei normali rifiuti domestici. Il corretto smaltimento del prodotto aiuta ad evitare possibili conseguenze negative per la salute dell'ambiente e dell'uomo.

Descartar-se do seu produto velho (Português)



O seu produto está concebido e fabricado com materiais e componentes de mais alta qualidade, os quais podem ser reciclados e reutilizados.

Quando o símbolo de um caixote do lixo com rodas e traçado por uma cruz estiver anexado a um produto, isto significa que o produto se encontra coberto pela Directiva Europeia 2002/96/EC.

Por favor, informe-se sobre o sistema local para a separação e recolha de produtos eléctricos e electrónicos.

Actue por favor em conformidade com as suas regras locais e, não se desfaça de produtos velhos conjuntamente com os seus desperdícios caseiros. Desfaça-se correctamente do seu produto velho ajudará a evitar consequências potencialmente negativas para o ambiente e saúde humana.

English

Hereby, Philips Consumer Electronics, B. U. Peripherals & Accessories, declares that this product is in compliance with the essential requirements and other relevant provisions of Directive 1999/5/EC.

Français

Par la présente, Philips Consumer Electronics, B. U. Peripherals & Accessories, déclare que l'appareil est conforme aux exigences essentielles et aux autres dispositions pertinentes de la directive 1999/5/CE.

Español

Por medio de la presente, Philips Consumer Electronics, B. U. Peripherals & Accessories, declara que el cumple con los requisitos esenciales y cualesquiera otras disposiciones aplicables o exigibles de la Directiva 1999/5/CE.

Deutsch

Hiermit erklärt Philips Consumer Electronics, B. U. Peripherals & Accessories die Übereinstimmung des Gerätes mit den grundlegenden Anforderungen und den anderen relevanten Festlegungen der Richtlinie 1999/5/EG.

Nederlands

Hierbij verklaart, Philips Consumer Electronics, B. U. Peripherals & Accessories dat het toestel in overeenstemming is met de essentiële eisen en de andere relevante bepalingen van richtlijn 1999/5/EG.

Italiano

Con la presente Philips Consumer Electronics, B. U. Peripherals & Accessories dichiara che questo è conforme ai requisiti essenziali ed alle altre disposizioni pertinenti stabilite dalla direttiva 1999/5/CE.

Svenska

Härmed intygar, Philips Consumer Electronics, B. U. Peripherals & Accessories, att denna står i överensstämmelse med de väsentliga egenskapskrav och övriga relevanta bestämmelser som framgår av direktiv 1999/5/EG.

Dansk

Undertegnede Philips Consumer Electronics, B. U. Peripherals & Accessories erklærer herved, at følgende udstyr overholder de væsentlige krav og øvrige relevante krav i direktiv 1999/5/EF.

Finnish

Philips Consumer Electronics, B. U. Peripherals & Accessories vakuuttaa täten että tyyppinen laite on direktiivin 1999/5/EY oleellisten vaatimusten ja sitä koskevien direktiivin muiden ehtojen mukainen.

Portuguese

Philips Consumer Electronics, B. U. Peripherals & Accessories declara que este está conforme com os requisitos essenciais e outras disposições da Directiva 1999/5/CE.

Ελληνικά

ΜΕ ΤΗΝ ΠΑΡΟΥΣΙΑ Philips Consumer Electronics, B. U. Peripherals & Accessories ΔΗΛΩΝΕΙ ΟΤΙ ΣΥΜΜΟΡΦΩΝΕΤΑΙ ΠΡΟΣ ΤΙΣ ΟΥΣΙΩΔΕΙΣ ΑΠΑΙΤΗΣΕΙΣ ΚΑΙ ΤΙΣ ΛΟΙΠΕΣ ΣΧΕΤΙΚΕΣ ΔΙΑΤΑΞΕΙΣ ΤΗΣ ΟΔΗΓΙΑΣ 1999/5/ΕΚ.

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Care and Safety Information

WARNING!

This unit does not contain any user-serviceable parts. Please leave all maintenance work to qualified personnel.

Setup precautions

Finding a suitable location

- Place this unit on a flat, hard and stable surface. Never place the unit on a carpet.
- Never place this unit on top of other equipment that might heat it up (e.g., receiver or amplifier).
- Never put anything under this unit (e.g., CDs, magazines).
- Install this unit near the AC outlet where the AC power plug can be easily reached.

Space for ventilation

- Place this unit in a location with adequate ventilation to prevent internal heat build up. Allow at least 10 cm (4") clearance from the rear and the top of this unit and 5cm (2") from the left and right to prevent overheating.

Avoid high temperature, moisture, water and dust

- This unit must not be exposed to dripping or splashing.
- Never place any object or items that can damage this unit (e.g., liquid filled objects, lighted candles).

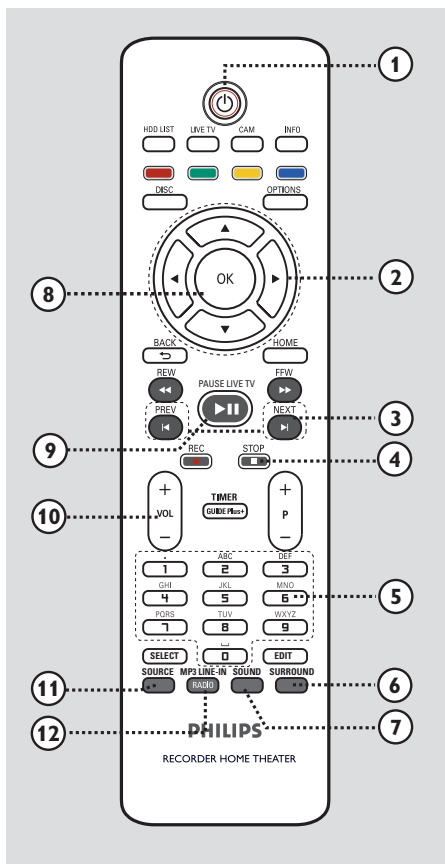
Accessories supplied

- 1 AV receiver system
- 1 subwoofer
- 2 front speakers
- 2 rear speakers
- 1 centre speaker
- 1 remote control with batteries
- 1 audio cable (red/white)
- 1 coaxial cable
- 1 power cable
- 1 MP3 Line In cable
- 1 FM wire antenna
- 1 AM/MW loop antenna
- Quick Start Guide

About recycling

This User Manual and Quick Start Guide have been printed on non-polluting paper. This unit contains a large number of materials that can be recycled. If you are disposing of an old equipment, please take it to a recycling centre. Please observe the local regulations regarding disposal of packaging materials, exhausted batteries and old equipment.

Remote Control



- ① **Power**
- Turns on this unit or turns off to normal standby mode.
- ② **Directional pad**
- RADIO: press up or down to tune the radio frequency.
 - RADIO: press to start auto search.
- ③ **PREV / NEXT**
- RADIO: selects a preset radio station.

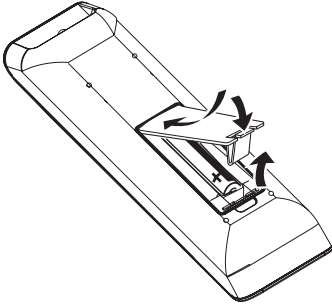
- ④ **STOP**
- RADIO: press and hold this key to erase the current preset radio station.
- ⑤ **Alphanumeric keypad**
- Enter a number of a preset radio station.
- ⑥ **SURROUND**
- Toggles between multi-channel surround, stereo, Movie and Music mode.
- ⑦ **SOUND**
- Selects a predefined sound effect.
- ⑧ **OK**
- Confirms an entry or selection.
- ⑨ **PAUSE LIVE TV**
- RADIO: starts auto radio installation for first time setup.
- ⑩ **VOL +/-**
- Adjusts the volume level.
- ⑪ **SOURCE**
- Press repeatedly to toggle between various audio input sources: COAX IN, AUX, DISC 6CH, OPT IN or TV mode.
- ⑫ **MP3 LINE-IN (RADIO)**
- Press repeatedly to toggle between radio mode and the connected MP3 device: RADIO FM, RADIO AM/MW or MP3 MODE.

Note:

The rest of the control buttons are used for controlling Philips DVDR3570H HDD & DVD player/recorder. For details, see the DVDR3570H user manual.

Remote Control (continued)

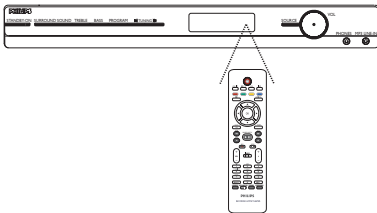
Using the remote control



CAUTION!

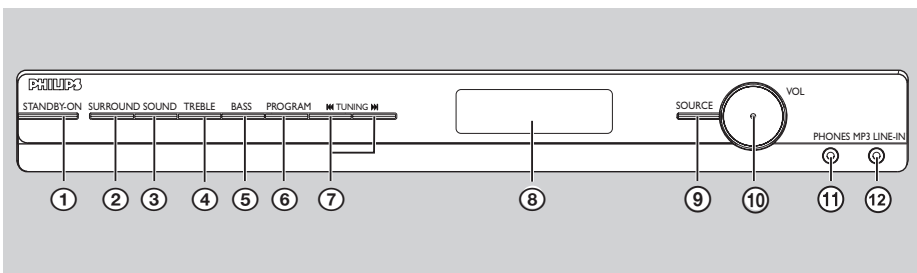
- Remove batteries if they are exhausted or if the remote control is not to be used for a long time.
- Never mix batteries (old and new or carbon and alkaline, etc).
- Batteries contain chemical substances, they should be disposed of properly.

- 1 Open the battery compartment.
- 2 Insert two batteries type R03 or AAA, following the indications (+ -) inside the compartment.
- 3 Close the cover.
- 4 Point the remote control directly at the remote sensor (iR) on the front panel.



- 5 Select the source you wish to control by pressing **SOURCE** or **MP3 LINE IN (RADIO)** on the remote control.
- 6 Then select the desired function (for example ◀, ▶).

Main Unit



① STANDBY ON

- Turns on this unit or turns off to normal standby mode.

② SURROUND

- Toggles between multi-channel surround and stereo mode.

③ SOUND

- Selects a predefined sound effect.

④ TREBLE

- Activates high tone sound mode.
- Use the **VOL** + / – keys to change the tone level.

⑤ BASS

- Activates low tone sound mode.
- Use the **VOL** + / – keys to change the tone level.

⑥ PROGRAM

- Enters receiver setup menu.
- RADIO: starts automatic/manual preset programming.
- Press and hold to start automatic preset programming.

⑦ ◀◀ TUNING ▶▶▶

- Selects a preset radio station.
- Press and hold to start auto search.

⑧ Display Panel

⑨ SOURCE

- Selects the relevant active source mode: DISC 6CH/ COAX IN/ OPTI IN, MP3 MODE, RADIO (FM/ AM/ MW), AUX or TV.

⑩ VOL + / –

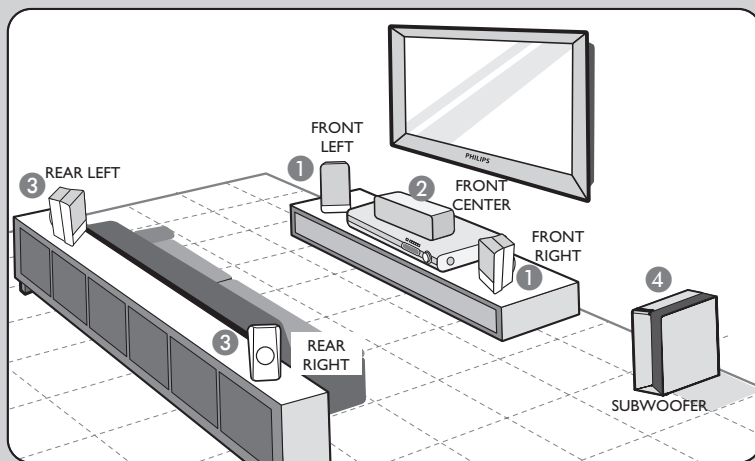
- Adjusts the volume level.
- Selects a setting in receiver setup menu.

⑪ PHONES

- Plug in the headphones socket.

⑫ MP3 LINE IN

- Phono input for connecting to the headphone out socket on your portable audio player.



Step 1: Placing the speakers and subwoofer

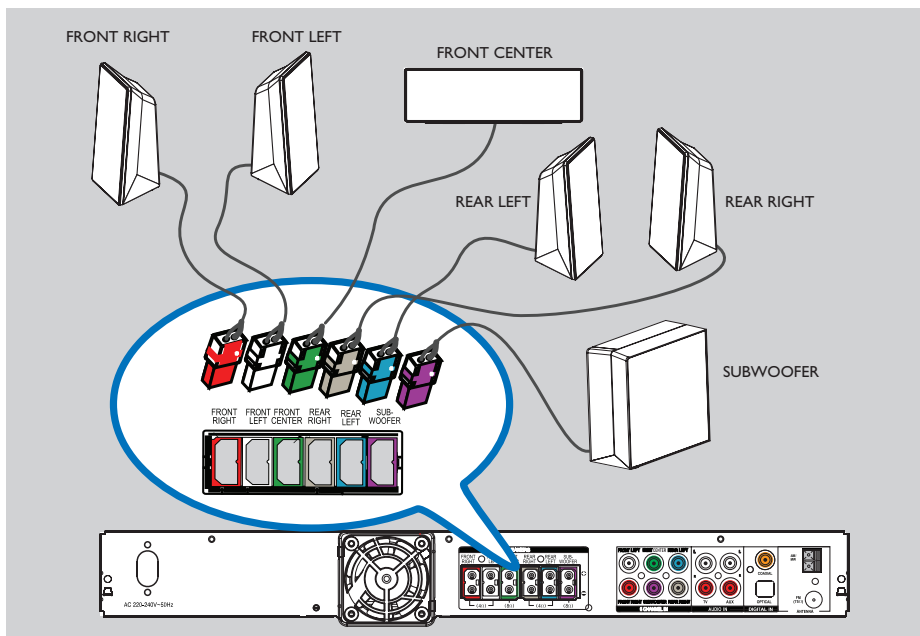
For optimum surround sound, all the speakers (except subwoofer) should be placed at the same distance from the listening position.

- 1 Place the front left and right speakers at equal distances from the TV and at an angle of approximately 45 degrees from the listening position.
- 2 Place the centre speaker above the TV or the main unit such that the centre channel's sound is localised.
- 3 Place the rear speakers at normal listening ear level or hang on the wall.
- 4 Place the subwoofer at the corner of the room. Keep it at least one metre away from the TV.

Helpful Hints:

- The placement diagram shown here is only a guideline that will provide great system performance. You may find other placement choices that are more suitable for your room layout that provide the sound experience you enjoy.
- To avoid magnetic interference, never position the front speakers too close to your TV.
- Allow adequate ventilation space around this receiver.

Basic Connections (continued)



Step 2: Connecting the speakers and subwoofer

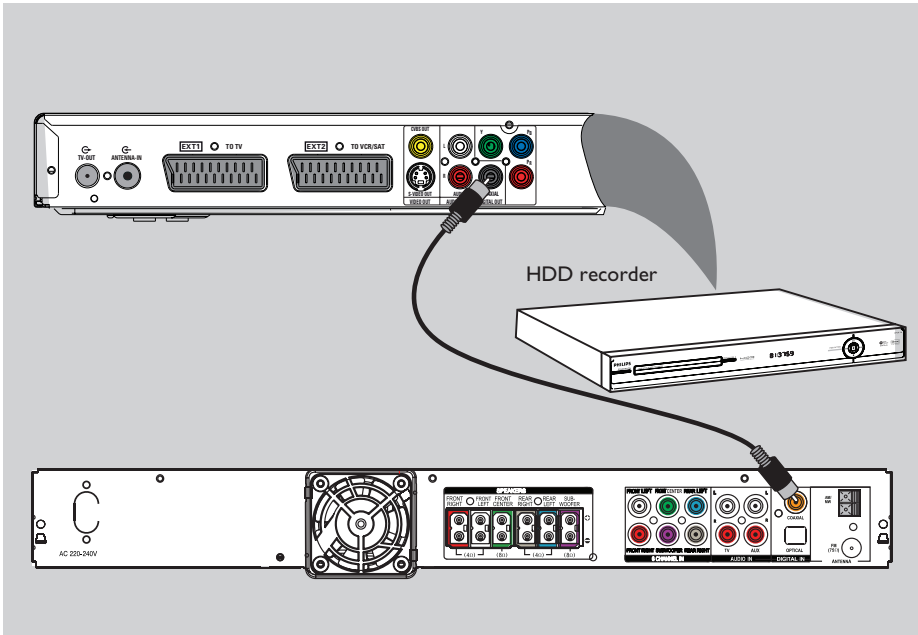
- Connect all the speakers to the speaker sockets at the rear of the main unit, Make sure that the colours of the plugs and sockets are matched.

Helpful Hints:

- Ensure that the speaker cables are correctly connected. Improper connections may damage the system due to short-circuit.
- Do not connect speakers with an impedance lower than the speakers supplied. See the chapter “Specifications”.

Basic Connections (continued)

English



Step 3: Connecting to HDD recorder

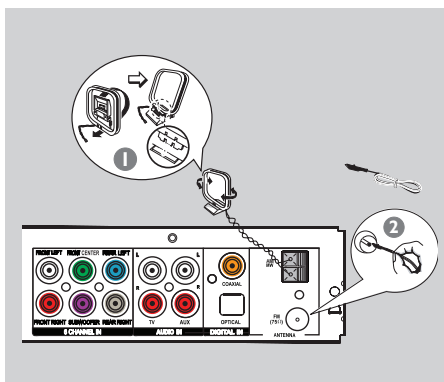
This connection enables you to hear the recorder output from this unit.

- Connect the coaxial cable (supplied) from the **COAXIAL IN** socket on this unit to the **COAXIAL OUT** socket on the HDD recorder.

To hear playback from the HDD recorder;

- 1 Turn on this unit and the HDD recorder.
 - 2 Press **SOURCE** on the remote control.
- If there is no sound output, press **SOURCE** repeatedly until 'COAX IN' appears on the display panel. This is the correct input source from this audio connection.

Basic Connections (continued)



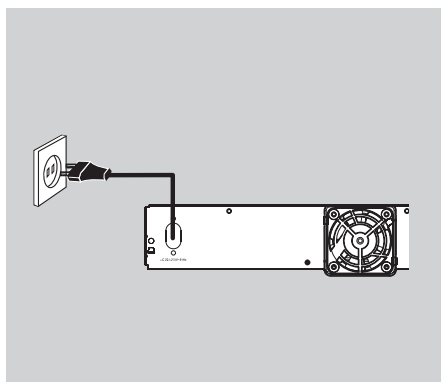
Step 4: Connecting the FM and AM/MW antennas

- 1 Connect the supplied AM/MW loop antenna to the **AM/MW** socket. Place the AM/MW loop antenna on a shelf, or attach it to a stand or wall.
- 2 Connect the supplied FM antenna to the **FM 75 Ω** socket. Extend the FM antenna and fix its ends to the wall.

For better FM stereo reception, connect an external FM antenna (not supplied).

Helpful Hints:

- Adjust the position of the antennas for optimal reception.
- Position the antennas as far away as possible from your TV, VCR or other radiation source to prevent any unwanted interference.



Step 5: Connecting the power cord

After everything is connected properly, connect the AC power cord into the power outlet.

The standby LED on the main unit lights up. Never make or change any connections with the power switched on.

Note:

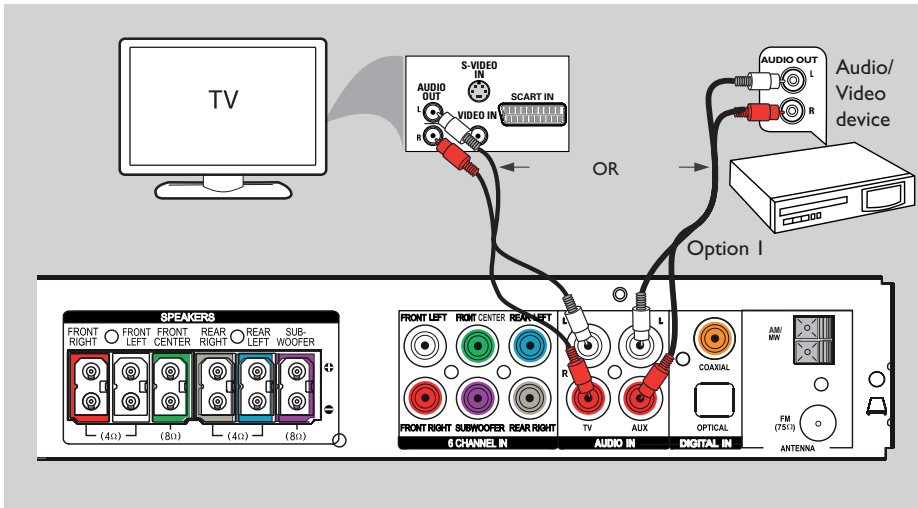
Turning off to standby mode does not disconnect the unit from mains.

Helpful Hints:

- Refer to the type plate at the rear or bottom of the product for identification and supply ratings.
- Before making or changing any connections, make sure that all the devices are disconnected from the power outlet.

Optional Connections

English



Connecting audio from TV

This connection enables you to hear the TV audio output from this unit. You will hear the sound of the TV output on all the speakers.

- Connect the supplied audio cable (red/white) to the **TV AUDIO IN** sockets on this unit to the **AUDIO OUT** sockets on the TV.

To hear playback from the TV,

- Press **SOURCE** on the remote control repeatedly until 'TV' appears on the display panel to activate the audio input source.

Connecting audio from other audio/video devices

These connections allow you to hear the audio output from the connected audio/video devices (e.g. DVD Player, Recorder VCR or Cable/Satellite Box). Select the most suitable connection that matches the capabilities of the audio/video devices.

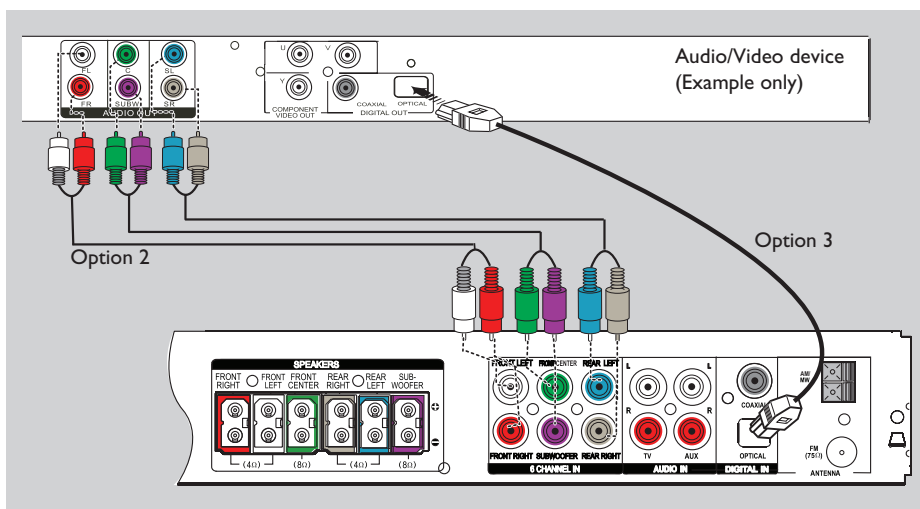
Option 1: Using the analogue audio sockets

- Connect the supplied audio cable (red/white) to the **AUX AUDIO IN** sockets on this unit to the **AUDIO OUT** sockets on the audio/video device.

To hear playback from the device,

- 1 Start playback on the connected audio/video device.
- 2 Press **SOURCE** on the remote control repeatedly until 'AUX' appears on the display panel to activate the audio input source.

Optional Connections (continued)



Option 2: Using the 6 Channel In sockets

- Connect the audio cables (not supplied) to the **6 CHANNEL IN** sockets on this unit to the corresponding audio output sockets on the audio/video device.

To hear playback from the device,

- 1 Start playback on the connected audio/video device.
- 2 Press **SOURCE** on the remote control repeatedly until 'DISC 6CH' appears on the display panel to activate the audio input source.

Helpful Hint:

– The audio signals produced through the 6 Channel are multi-channel surround sound. Switching to Stereo mode will not have any effect.

Option 3: Using the Optical In socket

- Connect a fibre optic cable (not supplied) to the **OPTICAL IN** socket on this unit to the OPTICAL OUTPUT socket on the audio/video device.

To hear playback from the device,

- 1 Start playback on the connected audio/video device.
- 2 Press **SOURCE** on the remote control repeatedly until 'OPTI IN' appears on the display panel to activate the audio input source.

Getting Started

Step 1: Turning on the system

Before you start...

Make sure you have completed all the necessary connections before proceeding.

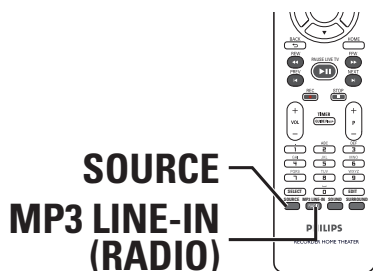
- 1 Press **STANDBY-ON** (⏻) to turn on the unit.
- 2 To choose the device you want to hear through this unit, press **SOURCE** on the front panel to select:

COAX IN → AUX → DISC 6CH →
OPT IN → MP3 MODE → FM →
AM/MW → TV → COAX IN...

OR

- Press **SOURCE** on the remote control repeatedly to select:

COAX IN → AUX → DISC 6CH →
OPT IN → TV → COAX IN ...



- Press **MP3 LINE-IN (RADIO)** on the remote control repeatedly to select:
FM → AM/MW → MP3 MODE → FM...

Turn off to standby mode

- Press **STANDBY-ON** (⏻).
→ The display screen turns off.

Step 2: Setting the speakers

You can adjust the delay times (centre and rear only) and volume level for individual speakers. These adjustments allow you to optimise the sound according to your surroundings and setup.

Before you start...

Press **SURROUND** on the remote control to select Multi-channel surround mode before you adjust the speaker settings.

Adjust the speaker delay times

(Not available in STEREO mode)

- 1 Press **STANDBY-ON** (⏻) to turn on the unit.
- 2 Press and hold **PROGRAM** on the front panel for five seconds to access the system setup.

To adjust the audio delay for the centre speaker

- Press **◀◀** or **▶▶** until 'CENTER DELAY' appears.
- Press **PROGRAM** on the front panel.
- Rotate the **VOL** control to change the delay time. Select from : 5ms, 3ms, 2ms, 1ms or OFF (default setting).
- To remain with the previous setting, do not rotate the **VOL** control within the next five seconds.

Helpful Hint:

– In TV or AUX modes, DISC 6CH and RADIO modes are not available.

Getting Started (continued)

To adjust the audio delay for the rear speaker

- Press **◀◀** or **▶▶** until 'REAR DELAY' appears.
- Press **PROGRAM** on the front panel.
- Rotate the **VOL** control to change the delay time. Select from : 15ms, 12ms, 9ms, 6ms, 3ms or OFF (default setting).
- To remain with the previous setting, do not rotate the **VOL** control within the next five seconds.
- ③ To confirm your settings, press **PROGRAM** on the front panel.
- ④ To exit from the setup menu, press **◀◀** or **▶▶** to select 'EXIT'.

Helpful Hints:

- Use longer delay time settings when the rear speakers are closer to the listener than the front speakers.
- In DISC 6CH and RADIO mode, the SETUP MENU is not available.
- In STEREO mode, when CENTER DELAY, REAR DELAY or TEST TONE is selected, the display panel will show 'UNAVAILABLE FOR STEREO MODE.'. Press SURROUND to select another surround mode.
- AUTO PROGRAM is only available RADIO mode only.

Adjust the speaker trim level

(Only available in DOLBY DIGITAL, DTS, PRO LOGIC, MOVIE, MUSIC modes)

You can adjust the speakers trim level within the range of -10dB to +10dB. The default setting is 0dB.

- ① In TV or AUX mode, press and hold **PROGRAM** on the front panel for five seconds to access the system setup.
- ② Press **◀◀** or **▶▶** until 'TEST TONE' appears.
- ③ Press **PROGRAM** on the front panel.
 - Each speaker will be tested automatically.
 - Sound will output from each speaker for two seconds. To adjust the trim level, rotate the **VOL** control.
- ④ Once complete, press **PROGRAM** on the front panel.
- ⑤ To exit from the setup menu, press **◀◀** or **▶▶** to select 'EXIT'.

Helpful Hint:

- To remain with the previous setting, do not rotate the VOL control whilst the individual speaker is tested. After two seconds, the next speaker will be tested, adjust the VOL control if necessary.

Sound and Volume Controls

Before you start...

Ensure the speakers and subwoofer are connected. See the chapter 'Basic connections'.

Selecting surround sound

- In 'COAX IN' or 'OPTI IN' mode, press **SURROUND** to select:
DOLBY DIGITAL / DTS or STEREO.
(Available only if the audio signal received is in Dolby Digital or DTS).
OR
- Press **SURROUND** on the remote control to select:
MOVIE, MUSIC, PRO LOGIC or STEREO.
 - ➔ The availability of the various surround sound modes depends on the sound available on the disc.
 - ➔ The available output modes for Multi-channel include: Dolby Digital, DTS (Digital Theatre Systems) Surround, Dolby Pro Logic II and Dolby Pro Logic.
 - ➔ Stereo broadcasts or recordings will produce some surround channel effects when played in a surround mode.

Helpful Hints:

- The surround sound feature is not available in DISC 6CH mode.
- The centre and rear speakers operate only in multichannel surround mode.

Selecting digital sound effects

Select a preset digital sound effect that matches your disc's content or that optimises the sound of the musical style you are playing.

- Press **SOUND** on the remote control to select the available sound effect.

When audio playback is in Dolby Digital, DTS, PRO LOGIC or MOVIE surround mode, you can select:

CONCERT, ACTION, DRAMA, SCI-FI (default setting) or NIGHT.

When audio playback is in MUSIC surround mode or in RADIO source, you can select:

CLASSIC, ROCK, JAZZ, DIGITAL (default setting) or NIGHT.

Helpful Hint:

- For flat sound output, select CONCERT or CLASSIC.

Sound and Volume Controls (continued)

Adjusting the Bass/ Treble level

The BASS (low tone) and TREBLE (high tone) features enable you to define the sound-processor settings.

- 1 Press **BASS** or **TREBLE** on the front panel.
- 2 Within two seconds, use the **VOL** + — control to adjust the Bass or Treble level (–10dB ~ 10dB, default setting – 0dB).
→ If the volume control is not used within two seconds, it will resume its normal volume control function.

Adjusting volume control

- Press **VOL** + — on the remote control to increase or decrease the volume level.
→ 'VOL MIN' is the minimum volume level and 'VOL MAX' is the maximum volume level.

To listen through the headphones

- Plug the headphones to the **PHONE** socket on the front of the receiver.
→ The speakers will be muted.
→ The current surround sound will change to stereo mode.
→ To restore playback through the speakers, unplug the headphones.

Playback - Other Audio Player

Playing from a portable audio player

Connect your portable audio player to this unit to get the best immersion sound experience through the speaker system. However, controlling of playback is only possible on the portable audio player.

- ① Connect the **MP3 LINE-IN** socket on this unit with the supplied MP3 Line-in cable to the 'headphone' output socket on your portable audio player.
- ② Press **MP3 LINE-IN (RADIO)** on the remote control.
- ③ Start playback on your portable audio player.
→ The music will be heard through the speakers.
- ④ To stop playback, press the STOP button on the portable audio player.

Helpful Hint:

– Stop the playback on your portable audio player before you change the audio input source on this unit.

Tuner Operations

Before you start...

Please make sure the FM and AM/MW antennas are connected.

Tuning to radio stations

- ① Press **MP3 LINE-IN (RADIO)** on the remote control repeatedly until 'FM' or 'AM/MW' appears on the display panel.
- ② Press ◀ or ▶ on the remote control to start tuning.
→ The display panel will show 'SEARCH' change until a radio station with sufficient signal strength is found.
- ③ Repeat step ② if necessary until you find the desired radio station
- ④ To fine-tune the reception of a weak station, press ▲ or ▼ briefly and repeatedly until an optimal reception is found.

Helpful Hint:

– If the FM radio station is transmitting RDS (Radio Data System) data, the station name and frequency will be displayed and stored. Press **INFO** on the remote control to view the station frequency.

Presetting radio stations

You can store up to 40 preset radio stations in the memory. There are three different ways to program the radio stations:

- Using auto install (for first time setup only)
- Using automatic preset
- Using manual preset

Helpful Hint:

– If no stereo signal is detected or less than 5 (five) stations are detected during radio installation, 'PLEASE CHECK ANT' appears.

Using auto install

When you access the 'RADIO' mode for the first time, you will be prompted to install the radio stations. With this feature, you can install all the available radio station automatically with one touch of button.

- ① Press **MP3 LINE-IN/ RADIO** on the remote control repeatedly until 'AUTO INSTALL ... PRESS PLAY' appears on the display panel.
- ② Press ▶|| until 'START... SEARCH' appears on the display panel.
→ The system will start searching from the FM band followed by the AM/MW band.
→ All available radio stations with strong signal will be stored.
→ Once complete, the first tuned radio station will be played back.
- To stop the tuner installation, press **STOP ■** on the remote control.

Tuner Operations (continued)

Using automatic preset

Use automatic presetting to store or reinstall all the preset radio stations.

- ① Press **MP3 LINE-IN (RADIO)** on the remote control repeatedly until 'FM' or 'AM/MW' appears on the display panel.
- ② Press and hold **PROGRAM** until 'START... SEARCH' appears on the display panel.
 - All previously stored radio stations will be replaced.
 - Once 40 radio stations presets have been stored, searching will stop. The first tuned radio station will be played back.

Using manual preset

Use manual presetting to store your \ favourite radio stations.

- ① Tune to your desired radio station (see "Tuning to radio stations").
- ② Press **PROGRAM** on the front panel.
- ③ Use **PREV ◀** or **NEXT ▶** keys to select a preset number that you want to store the current radio station.

OR

 - Use the **numeric keypad 0-9** to enter the preferred preset number.
- ④ Press **PROGRAM** on the front panel to store.

Selecting a preset radio station

- ① Press **MP3 LINE-IN/ RADIO** on the remote control repeatedly until 'FM' or 'AM/MW' appears on the display panel.
- ② Use **PREV ◀** or **NEXT ▶** keys to select a preset radio station (or use the numeric keypad on the remote control).
 - The preset number and radio frequency appear on the display panel.

Deleting a preset radio station

- ① In radio mode, use **PREV ◀** or **NEXT ▶** keys to select a preset radio station.

OR

 - Use the **numeric keypad 0-9** to enter the preferred preset number.
- ② Press and hold **STOP ■** until 'DELETED' appears.
 - The radio station is deleted from the preset list. The next preset radio station will play.

Specifications

AMPLIFIER

Total MAX Output Power
 Home Theater Mode: 600W
 Front: 75 W x 2 / Channel
 Centre: 150 W / Channel
 Surround: 75 W x 2 / Channel
 Subwoofer: 150 W / Channel
 Frequency Response: 150 Hz – 18 kHz / ± 3 dB
 Signal-to-Noise Ratio: > 60 dB (A-weighted)
 Input Sensitivity:
 – TV In: 500 mV
 – AUX In: 500 mV

RADIO

Tuning Range: FM 87.5 – 108 MHz (50 kHz)
 AM/MW 531 – 1602 kHz
 (9 kHz)
 26 dB Quieting
 Sensitivity: FM 22 dBf,
 AM/MW 5000 μ V/m
 Signal-to-Noise Ratio: FM 55 dB,
 AM/MW 40 dB
 Harmonic Distortion: FM Mono 3%
 FM Stereo 3%
 AM/MW 5%
 Frequency Response: FM 180 Hz – 9 kHz / ± 6 dB
 Stereo Threshold: FM 23.5dB

MAIN UNIT

Power Supply Rating: 220 – 240 V; 50 Hz
 Power Consumption: 100 W
 Standby Power Consumption: < 1 W
 Dimensions: 435 x 56 x 325 mm
 (w x h x d)
 Weight: 3.2kg

FRONT AND REAR SPEAKERS

System Full range satellite
 Impedance: 4 Ω
 Speaker drivers: 3" full-range speaker,
 Frequency response: 150 Hz – 20 kHz
 Dimensions: 95.6 x 198.3 x 75 mm
 (w x h x d)
 Weight: 0.62 kg /each

CENTRE SPEAKER

System Full range satellite
 Impedance: 8 Ω
 Speaker drivers: 2 x 2.5" woofer,
 1 x 2" tweeter
 Frequency response: 150Hz – 20 kHz
 Dimensions: 435 x 93.5 x 67 mm
 (w x h x d)
 Weight: 1.28 kg

PASSIVE SUBWOOFER

Frequency response: 40 Hz – 150 Hz
 Impedance: 8 Ω
 Subwoofer driver: 8" sub-woofer,
 Dimensions: 159.5 x 355.5 x 370 mm
 (w x h x d)
 Weight: 4.712kg

Specifications subject to change without prior notice.

Troubleshooting

WARNING

Under no circumstances should you try to repair the system yourself, as this will invalidate the warranty. Never open the system as there is a risk of electric shock.

If a fault occurs, first check the points listed below before taking the system for repair.

If you are unable to solve a problem by following these instructions, consult your dealer or Philips for help.

Problem (General)	Solution
No power.	<ul style="list-style-type: none">– Press STANDBY-ON on the unit to turn on the power.– Make sure the mains cord is properly connected and the AC outlet has power.
No sound or distorted sound.	<ul style="list-style-type: none">– Adjust the volume.– Check the speaker connections and settings.– Make sure that the audio cables are connected and press SOURCE on the front panel to select the correct input source (for example, TV or AUX) to choose the device that you want to hear through this unit.
No surround sound effect from the speakers.	<ul style="list-style-type: none">– Press VOL + – to adjust the volume level.– Make sure the centre and rear speakers are connected correctly.– Press SURROUND to select a correct surround sound setting.– Make sure the source you are playing is recorded or broadcast in surround sound (DTS, Dolby Digital, etc.).
Radio reception is poor.	<ul style="list-style-type: none">– If the signal is too weak, adjust the antenna or connect an external antenna for better reception.– Increase the distance between this unit and your TV or VCR.– Tune in to the correct frequency.– Place the antenna further away from any equipment that may be causing the interference.
The remote control does not function properly.	<ul style="list-style-type: none">– Select the audio input source you want to play before pressing the ◀▶ keys.– Reduce the distance between the remote control and this unit.– Batteries are weak, replace the batteries.– Point the remote control directly toward the IR sensor.– Check that the batteries are inserted correctly.
Low hum or buzz sound	<ul style="list-style-type: none">– Place the receiver as far away from any electrical devices that may be causing the interference.

Glossary

Analogue: Sound that has not been switched into numbers. Analogue sound varies, while digital sound has specific numerical values. These sockets send audio through two channels, the left and right.

AUDIO OUT sockets: Red and white sockets on the back of the unit that send audio to another system (TV, Stereo, etc.).

Dolby Digital: A surround sound system developed by Dolby Laboratories containing up to six channels of digital audio (front left and right, surround left and right, centre and subwoofer).

Dolby Surround Pro Logic II: It is an improved matrix decoding technology that provides better spatiality and directionality on Dolby Surround program material, provides a convincing three dimensional sound field on conventional stereo music recordings and is ideally suited to bring the surround experience to automotive sound. While conventional surround programming is fully compatible with Dolby Surround Pro Logic II decoders, soundtracks will be able to be encoded specifically to take full advantage of Pro Logic II playback, including separate left and right surround channels. (Such material is also compatible with conventional Pro Logic decoders.)

DTS: Digital Theater Systems. This is a surround sound system, but it is different from the Dolby Digital. The formats were developed by different companies.

MP3: A file format with a sound data compression system. "MP3" is the abbreviation of Motion Picture Experts Group 1 (or MPEG-1) Audio Layer3. By using the MP3 format, one CD-R or CD-RW can contain about 10 times more data than a regular CD.

Multi-channel: DVDs are formatted to have each sound track constitute one sound field. Multi-channel refers to a structure of sound tracks having three or more channels.

Radio Data System (RDS): The Radio Data System is a broadcasting service which the service provider sends additional information such as station name and frequency via the FM radio signal.

Super Audio CD (SACD): This audio format is based upon the current CD standards but includes a greater amount of information that provides higher quality sound. There are three types of discs: single layer, double layer and hybrid discs. The hybrid disc contains both standard audio CD and Super Audio CD information.

Surround: A system for creating realistic three dimensional sound fields full of realism by arranging multiple speakers around the listener.

English