

**DVD Micro Theatre**

MCD289

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User Manual

Manual de usuario

Manual do Utilizador



**PHILIPS**

# México



Es necesario que lea cuidadosamente su instructivo de manejo.



Descripción: **Minisistema de Audio**  
Modelo : **MCD289/55**  
Alimentación Microsistema: **24V<sup>---</sup>18W**  
Consumo Microsistema: **18W**  
Alimentación Subwoofer: **110V - 127V/220V - 240V; ~50 - 60Hz**  
Consumo Subwoofer: **35W**  
Importador: **Philips Mexicana, S.A. de C.V.**  
Domicilio: **Av. La Palma No.6 Col. San Fernando La Herradura Huixquilucan Edo. de México C.P. 52784 Tel.52 69 90 00**  
Localidad y Tel:  
Exportador: **Philips Electronics HK, Ltd.**  
País de Origen: **China**  
Nº de Serie: \_\_\_\_\_

**LEA CUIDADOSAMENTE ESTE INSTRUCTIVO  
ANTES DE USAR SU APARATO.**

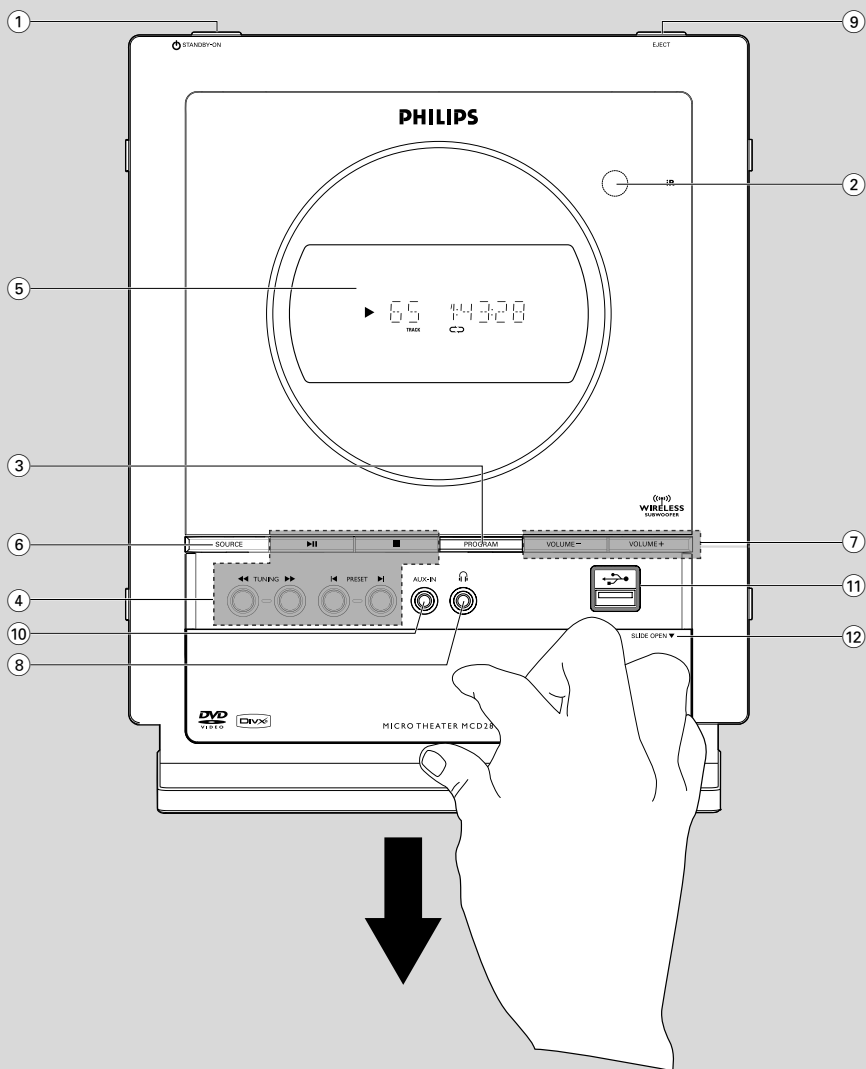
## AVISO IMPORTANTE

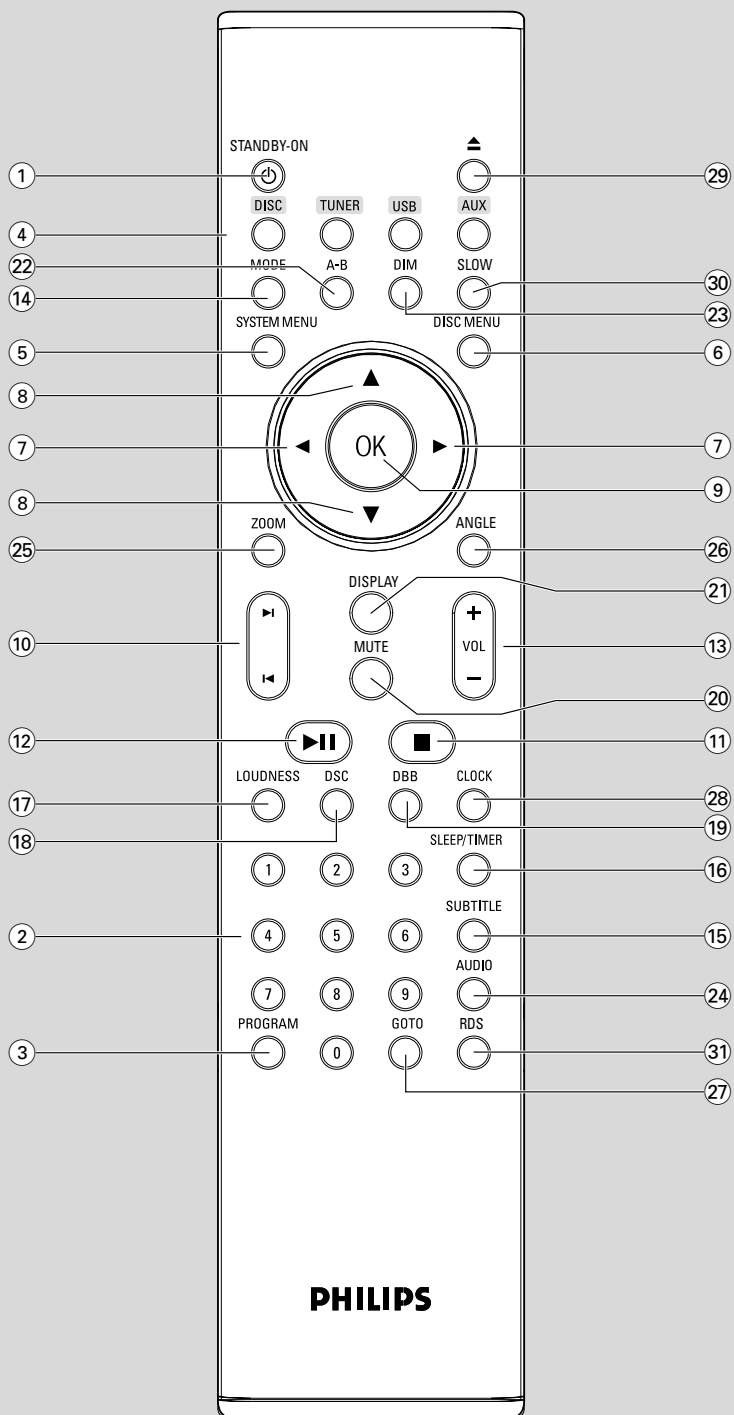
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- *Por fenómenos naturales tales como: temblores, inundaciones, incendios, descargas eléctricas, rayos etc. o delitos causados por terceros (choques asaltos, riñas, etc.).*

## CAUTION

*Use of controls or adjustments or performance of procedures other than herein may result in hazardous radiation exposure or other unsafe operation.*





English ..... 6

Español ..... 30

Português ..... 54

English

Español

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# Contents

## General Information

Discs for playback .....	8
Region Codes .....	8
Supplied accessories .....	8
Environmental information .....	8
Care and safety information .....	8~9
Hearing Safety .....	9

## Installation

Step 1: Connecting speakers .....	10
Connecting the wireless subwoofer .....	10
Step 2: FM antenna connection .....	10
Step 3: Connecting TV .....	10~11
Using A/V OUT jack .....	11
Using S-Video In jack .....	11
Using Component Video jacks (Y Pb Pr) .....	11
Step 4: Placing the set and speakers .....	12
Step 5: Connecting the power supply .....	12
Optional: Connecting additional equipment .....	12
Listening to the playback of a non-USB device .....	12
Connecting a USB device or memory card ...	12

## Controls

Controls on the system .....	13
Controls on the remote control .....	13~14

## Preparations

Step 1: Using the remote control .....	15
Using the Remote Control to operate the Player .....	15
Step 2: Setting the clock .....	15
Step 3: Setting video preference .....	15~16
Setting up Progressive Scan feature .....	15
To deactivate Progressive manually ....	15~16
Step 4: Setting language preference .....	16

## Basic Functions

Switching the system on/off .....	17
Power-saving automatic standby .....	17
Sound Control .....	17
DBB (Dynamic Bass Boost) .....	17
DSC (Digital Sound Control) .....	17
LOUDNESS .....	17
Volume control .....	17
Dimming the display screen .....	17

## Disc Operations

Playing discs .....	18
Using the disc menu .....	18
Basic playback controls .....	18
Pausing playback .....	18
Selecting a track/chapter/title .....	18
Resuming playback from the last stopped point .....	18
Zoom .....	18
Different play modes: SHUFFLE and REPEAT ..	18
Repeat A-B .....	18
Slow Motion .....	19
Forward/Reverse Searching .....	19
Time search & search by chapter/track number .....	19
Information display during playback .....	19
Special disc features .....	19
Playing a Title .....	19
Camera Angle .....	19
Changing the Audio Language .....	20
Changing the Audio Channel .....	19
Subtitles .....	19
Playing MP3/WMA/JPEG Picture disc .....	19
General operation .....	19
Special JPEG features .....	20
Zoom picture .....	20
Playback with multi-angles .....	20
Playing a DivX disc .....	20

## System Menu Options

Basic operations .....	21
GENERAL SETUP PAGE .....	21
TV DISPLAY .....	21
OSD LANGUAGE .....	21
SCREEN SAVER .....	21
DIVX(R) VOD registration code .....	21
AUDIO SETUP PAGE .....	21~22
ANALOG AUDIO SETUP .....	22
DIGITAL AUDIO SETUP .....	22
DOLBY DIGITAL SETUP .....	21
3D .....	21
HDCD .....	21
NIGHT MODE .....	22
VIDEO SETUP PAGE .....	22
COMPONENT .....	22
TV MODE .....	22
PICTURE SETTING .....	22
PREFERENCE PAGE .....	22
PARENTAL .....	22
DEFAULT .....	22
PASSWORD SETUP .....	22

## Radio Reception

Tuning to radio stations .....	23
Programming radio stations .....	23
Automatic programming .....	23
Manual programming .....	23
Tuning to preset radio stations .....	23

## External Sources

Using a USB mass storage device .....	24
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## Clock/Timer

Clock setting .....	25
Timer setting .....	25
Sleep timer setting .....	25

## Specifications .....

## Troubleshooting .....

# General Information

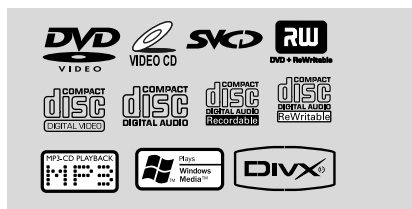
Congratulations on your purchase and welcome to Philips!

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## Discs for playback

### Your DVD System will play:

- Digital Video Discs (DVDs)
- Video CDs (VCDs)
- SuperVideo CDs (SVCDs)
- Digital Video Discs + Rewritable (DVD+RW)
- Compact Discs (CDs)
- Picture (Kodak, JPEG) files on CDR(W)
- Windows Media Audio (WMA)
- DivX(R) disc on CD-R(W):
- DivX 3.11, 4.x and 5.x
- Supported MP3-CD format.
- ISO 9660 / UDF format
- Max. title/album name –10 characters
- Max. title number plus album is 255.
- Max. nested directory is 8 levels.
- The max. album number is 32.
- The max. MP3 track number is 999.
- Supported sampling frequencies for MP3 disc: 32 kHz, 44.1 kHz, 48 kHz.
- Supported Bit-rates of MP3 disc are: 32, 64, 96, 128, 192, 256 (kbps).



The following formats can't be supported

- The files like \*.VMA, \*.AAC, \*.DLF, \*.M3U, \*.PLS, \*.WAV,
- The discs recorded under Joliet format

### Region Codes

DVDs must be labeled as shown below in order to play on this DVD system. You cannot play discs that are labeled for other regions.



### Notes:

- For mixed mode discs, only one mode will be selected for playback according to the recording format.
- If you are having trouble playing a certain disc, remove the disc and try a different one. Improperly formatted discs will not play on this system.

## Supplied accessories

- A/V cord (R/W/Y)
- FM wire antenna
- 1 X certified power adapter  
(Brand name: PHILIPS,  
Model No.: GFP451DA-2419-1  
Input: 110-240V ~ 50/60Hz 1.2A  
Output: 24V === 1.9A)
- Stand
- Remote Control and two AAA batteries
- This instruction booklet and a quick start guide

## Environmental information

All unnecessary packaging has been omitted. We have tried to make the packaging easy to separate into three materials: cardboard (box), polystyrene foam (buffer) and polyethylene (bags, protective foam sheet).

Your system consists of materials which can be recycled and reused if disassembled by a specialised company. Please observe the local regulations regarding the disposal of packaging materials, exhausted batteries and old equipment.

## Care and safety information

### Avoid high temperatures, moisture, water and dust

- Do not expose the system, batteries or discs to humidity, rain, sand or excessive heat (caused by heating equipment or direct sunlight).
- No objects filled with liquids, such as vases, shall be placed on the apparatus.
- No naked flame sources, such as lighted candles, should be placed on the apparatus.
- The apparatus shall not be exposed to dripping or splashing.



## Avoid condensation problem

- The lens may cloud over when the player is suddenly moved from cold to warm surroundings, making it impossible to play a disc. Leave the player in the warm environment until the moisture evaporates.

## Do not block the vents

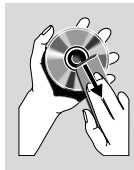
- Do not operate the system in an enclosed cabinet and allow about 10 cm (4 inches) of free space all around the player for adequate ventilation.
- The ventilation should not be impeded by covering the ventilation openings with items, such as newspapers table-cloths, curtains, etc.

## Cleaning the cabinet

- Use soft cloth slightly moistened with a mild detergent solution. Do not use a solution containing alcohol, spirits, ammonia or abrasives.

## Cleaning discs

- To clean a CD, wipe it in a straight line from the center towards the edge using soft and lint-free cloth. A cleaning agent may damage the disc.
- Write only on the printed side of a CDR(W) and only with a soft felt-tipped pen.
- Handle the disc by its edge. Do not touch the surface.



## Finding a suitable location

- Place the player on a flat, hard, stable surface.
- Install this unit near the AC outlet and where the AC power plug can be reached easily.

## Hearing Safety

### Listen at a moderate volume.

- Using headphones at a high volume can impair your hearing. This product can produce sounds in decibel ranges that may cause hearing loss for a normal person, even for exposure less than a minute. The higher decibel ranges are offered for those that may have already experienced some hearing loss.
- Sound can be deceiving. Over time your hearing "comfort level" adapts to higher volumes of sound. So after prolonged listening, what sounds "normal" can actually be loud and harmful to your hearing. To guard against this, set your volume to a safe level before your hearing adapts and leave it there.

### To establish a safe volume level:

- Set your volume control at a low setting.
- Slowly increase the sound until you can hear it comfortably and clearly, without distortion.

### Listen for reasonable periods of time:

- Prolonged exposure to sound, even at normally "safe" levels, can also cause hearing loss.
- Be sure to use your equipment reasonably and take appropriate breaks.

### Be sure to observe the following guidelines when using your headphones.

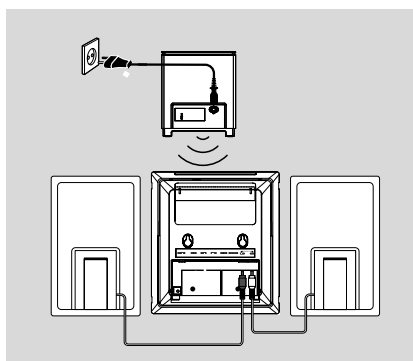
- Listen at reasonable volumes for reasonable periods of time.
- Be careful not to adjust the volume as your hearing adapts.
- Do not turn up the volume so high that you can't hear what's around you.
- You should use caution or temporarily discontinue use in potentially hazardous situations.
- Do not use headphones while operating a motorized vehicle, cycling, skateboarding, etc.; it may create a traffic hazard and is illegal in many areas.

# Installation

## IMPORTANT!

- The type plate is located at the rear of the system.
- Before connecting the AC power cord to the wall outlet, ensure that all other connections have been made.
- Never make or change any connections with the power switched on.
- The voltage selector located at the bottom of this subwoofer is preset at 220V-240V from the factory. For countries that operate at 110V-127V, please adjust to 110V-127V before you switch on the system.

## Step 1: Connecting speakers



- 1 Place the main set with the front side facing down on a flat and firm surface. Then remove the detachable cover on the back of the set to expose the terminals available for connection.
- 2 Connect the two front speaker cables to the **SPEAKERS** terminals: right speaker to "RIGHT" and left speaker to "LEFT".

### Notes:

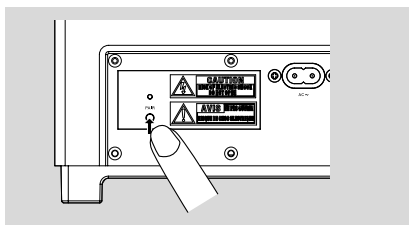
- Ensure that the speaker cables are correctly connected. Improper connections may damage the system due to short-circuit.
- For optimal sound performance, use the supplied speakers.
- Do not connect more than one speaker to any one pair of +/- speaker terminals.
- Do not connect speakers with an impedance lower than the speakers supplied. Please refer to the SPECIFICATIONS section of this manual.

## Connecting the wireless subwoofer

- Power on both the main set and subwoofer.  
→ Wireless connection will set up automatically.

**In case the wireless connection fails due to conflict or strong interference etc., you may need the following procedures for manual pairing:**

- 1 In standby mode, press and hold **▶||** on the set for three seconds.  
→ "PAIRING" flashes on the display screen.
- 2 Press and hold the **PAIR** button on the rear of the subwoofer for three seconds.  
→ The LED indicator on the subwoofer flashes.

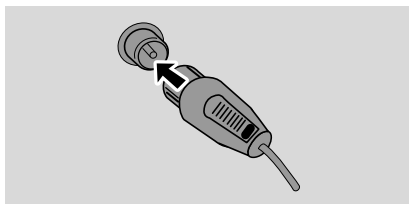


- If the connection succeeds, the display shows "PAIR OK".
- If the connection fails or the connection cannot be set up successfully within 60 seconds, the display shows "PAIR FAIL".

### Notes:

- The wireless connection will be disconnected automatically after power-off.
- See "Basic Functions - Switching the system to Eco Power Standby mode" for how to switch between Eco Power Standby mode and standby mode.

## Step 2: FM antenna connection



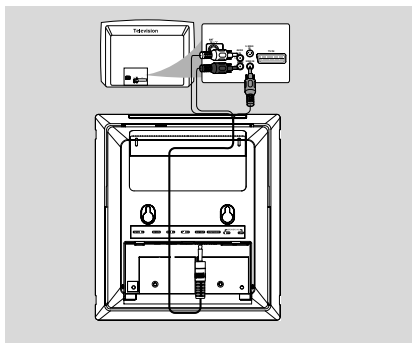
- Connect the supplied FM antenna to the **FM AERIAL** terminal.

## Step 3: Connecting TV

### IMPORTANT!

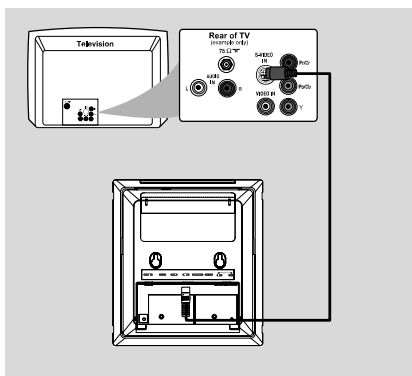
- You only need to make one video connection from the following options, depending on the capabilities of your TV.
- Connect the DVD system directly to the TV.

### Using A/V OUT jack



- 1 Connect the end of the supplied AV cord with only one connector to the **A/V OUT** jack of the DVD system.
- 2 For the other end, connect the video output connector (yellow) to the video input jack (or labeled as A/V In, CVBS, Composite or Baseband) on the TV. To hear the sound of this DVD system through your TV, connect the audio connectors (white/ red) to the audio input jacks on the TV.

### Using S-Video In jack

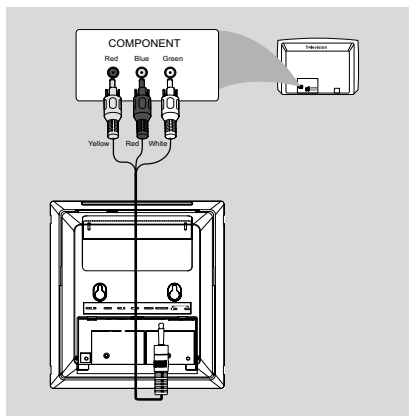


- 1 Use the S-Video cable (not supplied) to connect the system's **S-VIDEO** jack to the S-Video input jack (or labeled as Y/C or S-VHS) on the TV set.

### Using Component Video jacks (Y Pb Pr)

### IMPORTANT!

- The progressive scan video quality is only possible when using **Y Pb Pr**, and a progressive scan TV is required.



- 1 Use the supplied AV cord (red/white/yellow) to connect the **COMPONENT** jack to the corresponding Component video input jacks (or labeled as Y Pb/Cb Pr/Cr or YUV) on the TV: yellow connector to the red jack, red connector to the blue jack, white connector to the green jack.
- 2 If you are using a Progressive Scan TV (TV must indicate Progressive Scan or ProScan capability), to activate TV Progressive Scan, please refer to your TV user manual. For DVD system Progressive Scan function, see "Preparations-Setting up Progressive Scan feature".

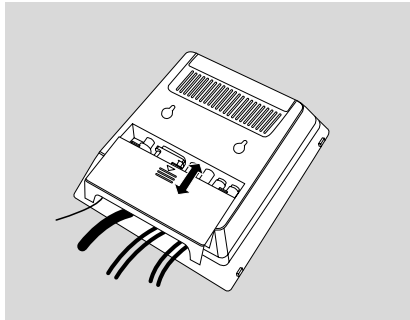
### Note:

- If your TV does not support Progressive Scan, you will not be able to view the picture. Press **SYSTEM MENU** on the remote to exit the system menu and then **DISC** and "1" to exit progressive scan.

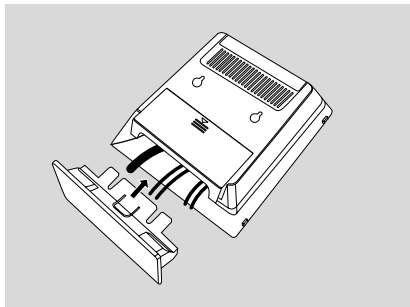
# Installation

## Step 4: Placing the set and speakers

- 1 After finishing all rear connections, mount the detachable cover on the back of the set until hearing a click to avoid cable clutter.



- 2 Align the side marked **PRESS▼** of the stand to the slots at the bottom of the set.



- 3 Push the stand down into the slots until you hear a click.
- 4 Place the set upright on the desktop with the support of the stand.
- 5 Extend the bracket on the back of each front speaker as shown so that the front speakers can stand firmly on the desktop.
- 6 Place the subwoofer on the floor near an AC outlet.

### Note:

– To remove the stand from the set, while pressing down **PRESS▼**, pull the stand out from the slots.

## Step 5: Connecting the power supply

**After everything is connected properly, plug in the AC power cord and adapter to the power outlet.**

Never make or change any connection with the power switched on.


## Optional: Connecting additional equipment


### Listening to the playback of a non-USB device

- Connect the system's **AUX-IN** jack to the **AUDIO OUT** jacks on another audio/visual device (such as a VCR, Laser Disc player or cassette desk) using a "single-to-double" cinch cable (with one end providing a 3.5" connector for connection to the **AUX-IN** jack while the other end providing two white/red connectors for connection to the other device's AUDIO OUT jacks).


### Connecting a USB device or memory card

#### IMPORTANT!


– Before connecting the USB plug, first slide down the movable baffle as shown on Page 3 to expose the  jack.

- Insert the USB device's USB plug into the  socket on the set.









#### for the devices with USB cables:



- 1 Insert one plug of the USB cable (not supplied) to the  socket on the set.
- 2 Insert the other plug of the USB cable to the USB output terminal of the USB device.

#### for the memory card:




- 1 Insert the memory card into a card reader (not supplied).
- 2 Use a USB cable (not supplied) to connect the card reader into the  socket on the set.

## Controls on the system

- ① **STANDBY-ON** 
  - switches the system on or to standby mode.
- ② **iR sensor**
  - infrared sensor for remote control.
- ③ **PROGRAM**
  - DVD/VCD/CD/MP3-CD/USB: enters the program menu.
  - Picture CD: during playback, to select a slide show mode.
  - Tuner: programs preset radio stations.
- ④ **Mode Selection**
  -  ..... In DISC/USB mode, to stop playback or clear a program.
  - ..... for Demo (*on the system only*) to activate/deactivate the demonstration.
  -  ..... In DISC/USB mode, to start or interrupt playback.
  - PRESET**  
    - Disc/USB: skips to the previous/next chapter/ title/track.
    - Tuner: selects a preset radio station.
  - TUNING**  
    - Tuner
    - press to tune to a lower/higher radio frequency gradually.
    - press and hold, then release the key to start automatic search for a radio frequency downward/upward.
    - Disc/USB
    - searches fast backward/forward.
- ⑤ **Display screen**
  - to view the current status of the system.
- ⑥ **SOURCE**
  - to select the respective sound source :TUNER, DISC, USB or AUX.
- ⑦ **VOLUME +/-**
  - adjusts the volume upward/downward.
  - adjusts the hours and minutes in clock/timer setting mode.
  - selects a source in timer setting mode.
- ⑧ 
  - to connect a headphone.

- ⑨ **EJECT**
  - ejects a disc from the disc loader.
- ⑩ **AUX-IN**
  - connects an external non-USB device.
- ⑪  **USB DIRECT**
  - jack for the external USB mass storage device.
- ⑫ **SLIDE OPEN** 
  - slides down to expose some buttons and jacks on the front panel.

## Controls on the remote control

- ① **STANDBY-ON** 
  - switches the system on or to standby mode.
- ② **Numeric Keypad (0-9)**
  - inputs a track/title/chapter number of the disc.
- ③ **PROGRAM**
  - DVD/VCD/CD/MP3-CD/USB: enters the program menu.
  - Picture CD: during playback, to select a slide show mode.
  - Tuner: programs preset radio stations.
- ④ **SOURCE**
  - to select the respective sound source: DISC, TUNER, USB or AUX.
- ⑤ **SYSTEM MENU** (disc mode only)
  - to enter or exit the system menu bar.
- ⑥ **DISC MENU** (disc mode only)
  - DVD/VCD: enters or exits the disc contents menu.
  - VCD2.0: switches the playback control mode on or off .
- ⑦  
  - Tuner
  - press to tune to a lower/higher radio frequency gradually.
  - press and hold, then release the key to start automatic search for a radio frequency downward/upward.
  - Disc/USB
  - searches fast backward/forward.
  - In DISC mode, to select a movement direction in the disc menu or system menu bar.

\* = Press and hold the button for more than three seconds.

# Controls

- ⑧ ▲▼
- In DISC mode, to select a movement direction in the disc menu or system menu bar.
- ⑨ **OK**
- to exit or confirm the selection.
- ⑩ ⏮/⏭
- Disc: skips to the previous/next chapter/title/track.
  - Tuner: selects a preset radio station.
- ⑪ ■
- In DISC/USB mode, to stop playback or clear a program.
- ⑫ ⏸
- In DISC/USB mode, to start or interrupt playback.
- ⑬ **VOL +/-**
- adjusts the volume upward/downward.
  - adjusts the hours and minutes in clock/timer setting mode.
  - selects a source in timer setting mode.
- ⑭ **MODE**
- selects various repeat modes or the shuffle play mode for a disc.
- ⑮ **SUBTITLE**
- selects a subtitle language.
- ⑯ **SLEEP/TIMER**  
**Standby mode**
- sets time for switching on the system automatically.
- Power-on mode**
- sets the sleep timer function (auto off).
- ⑰ **LOUDNESS**
- enables or disables automatic loudness adjustment.
- ⑱ **DSC**
- selects different types of preset sound equalizer settings (CLASSIC, JAZZ, ROCK, POP or FLAT; for DVD: NORMAL, CONCERT, DRAMA, ACTION or SCI-FI).
- ⑲ **DBB**
- enables or disables bass enhancement.
- ⑳ **MUTE**
- to interrupt or resume sound reproduction.
- ㉑ **DISPLAY**
- displays information on TV screen during playback.
- ㉒ **A-B**
- for VCD/CD/USB: to repeat a specific section within the same track.
  - for DVD: to repeat a specific section in a disc.
- ㉓ **DIM**
- selects different levels of brightness for the display screen.
- ㉔ **AUDIO**  
for VCD
- sets Stereo, Mono-Left or Mono-Right sound mode.
- for DVD
- selects an audio language.
- ㉕ **ZOOM**
- DVD/VCD/Picture CD: enlarges or reduces a picture or active image on the TV screen.
- ㉖ **ANGLE**
- selects a DVD camera angle.
- ㉗ **GOTO**
- In DISC mode, to fast search in a disc by entering a time, title, chapter or track.
- ㉘ **CLOCK**
- Standby mode
- \*– sets the system clock.
- Playback mode
- displays the system clock.
- ㉙ ▲
- ejects a disc from the disc loader.
- ㉚ **SLOW**
- selects different slow playback modes for a VCD/ SVCD/DVD.
- ㉛ **RDS (unavailable for this version)**

## Notes for remote control:

- **First, select the source you wish to control by pressing one of the source select keys on the remote control (DISC or TUNER, for example).**
- **Then select the desired function (⏸, ⏮, ⏭ for example).**

\* = Press and hold the button for more than three seconds.

# Preparations

## IMPORTANT!

- Make sure to complete the preparation procedures before operating the system.

## Step 1: Using the remote control

- 1 Open the battery compartment.
- 2 Insert two AAA batteries following the indications (+/-) inside the compartment.
- 3 Close the cover.

### Using the Remote Control to operate the Player

- 1 Aim the Remote Control directly at the remote sensor (IR) on the front panel.
- 2 Do not put any objects between the Remote Control and the DVD Player while operating the DVD Player.

## Step 2: Setting the clock

- 1 Go to Standby mode.
- 2 Press and hold **CLOCK** on the remote control.  
→ "CLOCK SET" is displayed briefly. Then, the hour digits flash on the display screen.
- 3 Press **VOLUME +/-** (**VOL +/-** on the remote control) to set the hours.
- 4 Press **CLOCK** again.  
→ The minute digits flash on the display screen.
- 5 Press **VOLUME +/-** (**VOL +/-** on the remote control) to set the minutes.
- 6 Press **CLOCK** to confirm the clock setting.

### Notes:

- This system only supports 24-hour mode.
- The clock setting will be erased when the system is disconnected from the power supply.
- The system will exit clock setting mode if no button is pressed within 30 seconds.

## Step 3: Setting video preference

### IMPORTANT!

- Make sure you have completed all the necessary connections. (See "Connections-Connecting TV".)

- 1 In stop mode or during playback, press **SYSTEM MENU**.
- 2 Press **◀/▶/▲/▼** on the remote control to toggle through the functions and select your preferential option.  
→ Move to **PREFERENCE PAGE** and press **▼**.  
→ Move to one of the following and press **▶**.

### – Setting TV TYPE

Allows you to select the colour system matching the connected TV set. The options include "PAL" (Wide screen mode), "MULTI" and "NTSC".


### Note:

The format you select must be available on the disc. If it is not, the setting for TV Type will not affect the picture during playback.

### To exit the menu

Press **SYSTEM MENU** again.

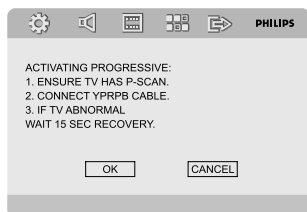
### Setting up Progressive Scan feature (for Progressive Scan TV only)

- 1 Turn on your TV.
- 2 Turn off your TV progressive scan mode or turn on interlaced mode (refer to your TV user manual).
- 3 Press **STANDBY-ON**  to turn on the DVD player.
- 4 Select the correct Video Input channel.  
→ The DVD background screen appears on the TV.
- 5 Press **SYSTEM MENU**.
- 6 Press **◀/▶** repeatedly to select "**VIDEO SETUP PAGE**".

# Preparations

- 7 Select **"TV MODE"** to **"P-SCAN"**, then **OK** to confirm.

→ The instruction menu appears on the TV.

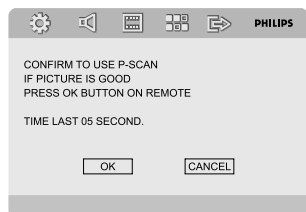


- 8 Press **◀▶** to highlight OK in the menu and press **OK** to confirm.

**There will be a distorted picture on your TV at this state until you turn on the progressive scan mode on your TV.**

- 9 Turn on your TV progressive scan mode (refer to your TV user manual).

→ The below menu appears on the TV.



- 10 Press **◀▶** to highlight OK in the menu and press **OK** to confirm.
- The setup is complete now and you can start enjoy the high quality picture.

## To deactivate Progressive manually

- **When the distorted sign still appears on the TV**, it may be due to the connected TV does not accept progressive signals, and progressive is set by mistake. You must reset the unit to interlace format.
- 1 Turn off your TV progressive scan mode or turn on to interlaced mode (refer to your TV user manual).

- 2 Press **SYSTEM MENU** on the remote to exit the system menu and then **DISC** and "1" to exit progressive scan.

→ The DVD blue background screen will appear.

## Step 4: Setting language preference

- 1 In stop mode or during playback, press **SYSTEM MENU**.
- 2 Press **◀▶/▲/▼** on the remote control to select your preferred option.

→ Move to **GENERAL SETUP PAGE** or **PREFERENCE PAGE** and press **▼**.  
 → Move to one of the following and press **▶**.

**OSD LANGUAGE** (On-Screen Display)  
 Switches the display language on the TV screen. Select the language from the displayed list.

**AUDIO** (DVD only)  
 Switches the display language of the sound track. Select the language from the displayed list.

**SUBTITLE** (DVD only)  
 Switches the display language of the subtitle. Select the language from the displayed list.

**DISC MENU** (DVD only)  
 Select the language for the DVD menu.

When the selected language is not recorded in the DVD, one of the recorded languages will be selected automatically (except for OSD). You can reset all the DVD settings except for Rating.

If the language selected is not available on the disc, the original language designated by each disc will be selected.

- 3 Press **▲▼** to select a language and press **OK**.
- 4 Repeat **steps 2~3** for other settings.


## To exit the menu

Press **SYSTEM MENU** again.




# Basic Functions

## Switching the system on/off

- Press **STANDBY-ON** .  
→ "HELLO" is displayed briefly. The system will switch to the last selected source.
- Press **DISC, TUNER, USB** or **AUX** on the remote control.  
→ The system will switch to the selected source.

## To switch the system to standby mode

- Press **STANDBY-ON** .  
→ The interactive sound settings, last selected source and tuner presets will be retained in the player's memory.

## Power-saving automatic standby

As a power-saving feature, the system will automatically switch to Standby mode if you do not press any buttons within 15 minutes after a disc has stopped playing.

## Sound Control

**DBB, DSC and LOUDNESS sound features cannot be activated at the same time.**

### DBB (Dynamic Bass Boost)

DBB enhances the bass response.

- Press **DBB** on the remote to enable/disable DBB feature.  
→ Some discs might be recorded in high modulation, which causes a distortion at high volume. If this occurs, switch off DBB or reduce the volume.


### DSC (Digital Sound Control)

DSC provides a different type of preset sound equalizer setting.

- Press **DSC** on the remote repeatedly to select: CLASSIC, JAZZ, ROCK, POP or FLAT (for DVD: NORMAL, CONCERT, DRAMA, ACTION or SCI-FI).

## LOUDNESS

LOUDNESS feature enables the system to automatically increase the treble and bass sound effect at low volume (the higher the volume, the lower the treble and bass increase).


- Press **LOUDNESS** on the remote to enable or disable LOUDNESS feature.  
→  icon appears/disappears after this feature is enabled/disabled.

## Volume control

Press **VOLUME +/- (VOL +/-)** on the remote control) to increase or decrease the volume level.

→ "VOLUME XX" is displayed on the display panel. "XX" denotes the volume level.

## To listen through the headphone

- Connect the headphone plug to the  socket on the front panel of the DVD player.  
→ The speakers will be muted.

## To switch off the volume temporarily

- Press **MUTE** on the remote control.  
→ Playback will continue without sound and "MUTING" flashes.
- To activate sound reproduction, you can:
  - press **MUTE** again;
  - adjust the volume controls;
  - change source.

## Dimming the display screen

- Press **DIM** repeatedly to select different levels of brightness for the display screen.

# Disc Operations

## Playing discs

- ① Insert a disc into the slot loader.
  - Make sure the label side is facing you.
  - Make sure you have removed any other disc from the slot loader.
- ② Playback will start automatically (depending on the disc type).
  - If a disc menu appears on the TV, see "Using the Disc Menu".
  - If the disc is locked by parental control, you must enter your four-digit password.
- ③ At any time, simply press **■** to stop playback.

## Using the disc menu

For disc with Table Of Contents, a menu may appear on the TV screen once you load the disc.

### To select a playback feature or item

- Use **◀/▶/▲/▼** and **OK** or **Numeric Keypad (0-9)** on the remote.
  - Playback will start automatically.

### To access or exit the menu

- Press **DISC MENU** on the remote.

### For VCD with Playback Control (PBC) feature (version 2.0 only)

PBC playback allows you to play Video CDs interactively, following the menu on the display.

- During playback, press **DISC MENU**.
  - If PBC was ON, it will switch to OFF and continue playback.
  - If PBC was OFF, it will switch to ON and return to menu screen.

## Basic playback controls

### Pausing playback (DVD/VCD/CD/MP3/WMA)

- ① During playback, press **▶II**.
  - Playback will pause and sound will be muted.
- ② Press **▶II** again to resume.

### Selecting a track/chapter/title (DVD/VCD/CD/MP3/WMA)

- ① Press **PRESET** **◀/▶** during playback to go to the previous or next chapter/title/track.
- ② To go directly to any chapter/ title/track, enter the chapter/ title/track number using the **Numeric Keypad (0-9)**.

### Resuming playback from the last stopped point (DVD/VCD/CD/MP3/WMA)

- In stop mode and when a disc has not been removed, press **▶II**.

### To cancel resume mode

- In stop mode, press **■** again.

### Zoom (DVD/VCD/JPEG)

Zooming allows you to enlarge or reduce the video image during playback.

- ① Press **ZOOM** repeatedly to enlarge or reduce the playback video image.
- ② Press **◀/▶/▲/▼** to pan across the TV screen.

### Different playback modes: SHUFFLE and REPEAT (DVD/VCD/CD/MP3/WMA)

- Press **MODE** repeatedly to choose a repeat mode during playback.

### Repeat A-B (DVD/VCD/CD/MP3/WMA)

- ① Press **A-B** at your chosen starting point.
- ② Press **A-B** again at your chosen end point.
  - The section A and B can be set only within the same chapter/track.
  - The section will now repeat continuously.
- ③ To exit the sequence, press **A-B** again.
  - "A-B" is displayed on the TV screen.

# Disc Operations

## Slow Motion (DVD/VCD)

- 1 Press **SLOW** on the remote control during playback to select the required forward speed: 1/2, 1/4, 1/8 or 1/16.  
→ Sound will be muted.
- 2 To return to normal speed, press **▶II**.

## Forward/Reverse Searching (DVD/VCD/CD)

- 1 Press **TUNING ◀◀/▶▶** (◀▶ on the remote control) during playback to select the required speed: X2, X4, X8, X16 or X32 (backward or forward).  
→ Sound will be muted.
- 2 To return to normal speed, press **▶II**.

## Time search & search by chapter/track number (DVD/VCD/CD/MP3/WMA)

- 1 Press **GOTO** until the time or chapter/track edit box appears.
- 2 Enter hours, minutes and seconds from left to right in the time edit box using the **Numeric Keypad (0-9)** on the remote.  
OR  
Enter your desired chapter/track number in the chapter/track edit box using the **Numeric Keypad (0-9)** on the remote.

## Information display during playback (DVD/VCD/CD/MP3/WMA)

- During playback, press **DISPLAY** to show disc information on the TV screen.

## Special disc features

### Playing a Title (DVD)

- 1 Press **DISC MENU**.  
→ The disc title menu appears on the TV screen.
- 2 Use ◀▶/▲▼ to select a play option.
- 3 Press **OK** to confirm.

### Camera Angle (DVD)

- Press **ANGLE** repeatedly to select different desired angle.

### Changing the Audio Language (for DVD recorded with multiple languages)

- Press **AUDIO** repeatedly to select different audio languages.

### Changing the Audio Channel (for VCD only)

- Press **AUDIO** to select the available audio channels provided by the disc (Mono Left, Mono Right or Stereo).

### Subtitles (DVD)

- Press **SUBTITLE** repeatedly to select different subtitle languages.

## Playing MP3/WMA/JPEG Picture disc

### General operation

- 1 Load an MP3/WMA/JPEG disc.  
→ A data disc menu appears on the TV screen and playback starts automatically from the first track (file).
- 2 Press ◀ to move to the album (folder) column on the left of the TV screen, then use ▲▼ to select an album (folder) and press **OK** to open it.
- 3 Press ▶ to move to the track (file) column on the right of the TV screen and then use ▲▼ to highlight a track (file); or directly use the Numeric Keypad (0-9) to input a track (file) number.
- 4 Press **OK** to confirm.  
→ The playback will start from the selected track (file) to the end of the album (folder).

# Disc Operations

## Special JPEG features

### Zoom picture (JPEG)

- During playback, press **ZOOM** repeatedly to display the picture with different scales (2x, 3x, 4x, 1/2x, 1/3x or 1/4x).
- Use ◀▶/▲▼ to view the zoomed picture.

### Playback with multi-angles (JPEG)

- During playback, press ◀▶ to rotate the picture on the TV screen.

## Playing a DivX disc

This DVD player supports the DivX movie playback that you download from your computer onto a CD-R/RW (see "System Menu Options-DIVX(R) VOD registration code" for more information).

- 1 Load a DivX disc and press ▶|| to start playback.
  - 2 If the DivX movie contains external subtitles, the subtitle menu will appear on the TV screen for your selection.
- In this case, pressing **SUBTITLE** on the remote control will turn on or off the subtitle.
  - If multilingual subtitles are embedded on the DivX disc, pressing **SUBTITLE** will change the subtitle language during playback.

### Note:

- Subtitle files with the following filename extensions (.srt, .smi, .sub, .ssa, .ass) are supported but do not appear on the file navigation menu.
- The subtitle filename have to be the same as the filename of the movie.

# System Menu Options

## Basic operations

- 1 Press **SYSTEM MENU** to enter the Setup Menu.
- 2 Press **◀/▶** to select a page to be set.
- 3 Press **▲/▼** to highlight an option.
- 4 Enter its submenu by pressing **▶** or **OK**.
- 5 Move the cursor by pressing **▲/▼** to highlight the selected item.  
→ In cases of value setting, press **▲/▼** to adjust values.
- 6 Press **OK** to confirm.

### To return to the upper-level menu

- Press **◀**.

### To exit from the menu

- Press **SYSTEM MENU** again.  
→ The settings will be stored in the player's memory even if the player is switched off.

#### Note:

– Some of the features in the System Menu Options are described in "Preparations".

## GENERAL SETUP PAGE

### TV DISPLAY

Set the aspect ratio of the DVD Player according to the TV you have connected.

- **4:3 PAN SCAN**: If you have a normal TV and want both sides of the picture to be trimmed or formatted to fit your TV screen.
- **4:3 LETTER BOX**: If you have a normal TV. In this case, a wide picture with black bands on the upper and lower portions of the TV screen will be displayed.
- **16:9**: If you have a wide-screen TV.

### SCREEN SAVER

This function is used to turn the screen saver on or off.

- **ON**: In STOP, PAUSE or No DISC mode, if no actions are performed about 3 minutes, the screen saver will be activated.
- **OFF**: Screen saver is disabled.

### DIVX(R) VOD registration code

- 1 In **GENERAL SETUP PAGE**, press **▲ ▼** to highlight **DIVX(R) VOD**, then press **▶** or **OK** to enter its submenu and press **OK** again to confirm.  
→ The registration code will appear.
- 2 Press **OK** to exit.
- 3 Use the registration code to purchase or rent the videos from DivX® VOD service at [www.divx.com/vod](http://www.divx.com/vod). Follow the instructions and download the video onto a CD-R for playback on this DVD player.

#### Notes:

- All the downloaded videos from DivX® VOD can only be played back on this DVD player.
- Time search feature is not available during DivX movie playback.

## AUDIO SETUP PAGE

### ANALOG AUDIO SETUP

- **LT/RT**: Selects the mixed sound output mode.
- **STEREO**: Selects the ordinary stereo sound output.

### DIGITAL AUDIO SETUP

- **OFF**: Turns off the SPDIF output.
- **SPDIF/RAW**: If you have connected your system to a multi-channel decoder/receiver.
- **PCM only**: Only if your receiver is not capable of decoding multi-channel audio.

### DOLBY DIGITAL SETUP

- **STEREO**: Left mono sound will send output signals to Left speaker and Right mono sound will send output signals to Right speaker.
- **L-MONO**: Left mono sound will send output signals to Left speaker and Right speaker.
- **R-MONO**: Right mono sound will send output signals to Left speaker and Right speaker.

### 3D

- **OFF, CONCERT, LIVING ROOM, HALL, BATHROOM, CAVE, ARENA and CHURCH**.

### HD CD

- **OFF, 44.1K and 88.2K**.

# System Menu Options

## NIGHT MODE

→ **ON**: Select this to level out the volume. This feature is only available for movies with Dolby Digital mode.

→ **OFF**: Select this when you want to enjoy the surround sound with its full dynamic range.

## VIDEO SETUP PAGE

### COMPONENT

This setting is not required if you are using the **VIDEO** jack (yellow) to connect the DVD micro system to your TV.

→ **S-VIDEO**: Select this if you have connected the DVD micro system to your TV using S-Video jack.

→ **Pr/Cr Pb/Cb Y**: Select this if you have connected the DVD micro system to your TV using Component video jacks.

### TV MODE

Selects interlace or P-SCAN video output mode when **Pr/Cr Pb/Cb Y** is selected.

→ **PROGRESSIVE** and **INTERLACE**.

### PICTURE SETTING

This menu helps you to set the video quality.

## PREFERENCE PAGE

### PARENTAL

- ① Press **▲/▼** to highlight "RATING".
- ② Enter its submenu by pressing **►**.
- ③ Use **▲/▼** to highlight a rating level for the disc inserted.  
→ DVDs that are rated above the level you selected will not play unless you enter your four-digit password and choose a higher level rating.

## DEFAULT

Setting the "DEFAULT" function will reset all options and your personal settings to the factory defaults and all your personal settings will be erased.

## PASSWORD SETUP

### PASSWORD MODE

This feature is used to enable/disable password by selecting "ON"/"OFF".

### PASSWORD

Enter your four digit password when a hint is displayed on the screen. The default password is 1234.

## Tuning to radio stations

- 1 Press **SOURCE** on the set repeatedly or **TUNER** on the remote to select FM tuner source.
- 2 Press and hold **TUNING** ◀◀/▶▶ (◀▶ on the remote control) and release the button.  
→ The radio automatically tunes to a station with sufficient reception.
- 3 Repeat step 2 if necessary until you find the desired station.
- To tune to a weak station, press **TUNING** ◀◀/▶▶ (◀▶ on the remote control) briefly and repeatedly until you have found optimal reception.

## Programming radio stations

You can store up to a total of 20 FM radio stations in the memory.

### Automatic programming

Press **PROGRAM** for more than three seconds to activate programming.

- All available stations are programmed.
- **RUITO** is displayed and available stations are programmed in order of waveband.

### Manual programming

- 1 Tune to your desired station (refer to "Tuning to radio stations").
- 2 Press **PROGRAM** to activate programming.  
→ **PROG** flashes on the display.
- 3 Press **PRESET** ◀/▶ to allocate a number from 1 to 20 to this station.
- 4 Press **PROGRAM** again to confirm the setting.  
→ **PROG** disappears.
- 5 Repeat the above four steps to store other stations.
- You can override a preset station by storing another frequency in its place.

## Tuning to preset radio stations

- Press **PRESET** ◀/▶ until the desired preset station is displayed.

# External Sources

## Using a USB mass storage device

By connecting a USB mass storage device to the Hi-Fi system, you can enjoy the device's stored music through the powerful speakers of Hi-Fi system.

### Playing a USB mass storage device Compatible USB mass storage devices

With the Hi-Fi system, you can use:

- USB flash memory (USB 2.0 or USB1.1)
- USB flash players (USB 2.0 or USB1.1)
- memory cards (requires an additional card reader to work with this Hi-Fi system)

**Note:**

– *In some USB flash players (or memory devices), the stored contents are recorded using copyright protection technology. Such protected contents will be unplayable on any other devices (such as this Hi-Fi system).*

### Supported formats:

- USB or memory file format FAT12, FAT16, FAT32 (sector size: 512 bytes)
- MP3 bit rate (data rate): 32-320 Kbps and variable bit rate
- WMA v9 or earlier
- Directory nesting up to a maximum of 8 levels
- Number of albums/ folders: maximum 99
- Number of tracks/titles: maximum 999
- ID3 tag v2.0 or later
- File name in Unicode UTF8 (maximum length: 128 bytes)

### The system will not play or support the following:

- Empty albums
- Non-supported file formats are skipped.
- AAC, WAV, PCM audio files
- DRM protected WMA files
- WMA files in Lossless format

## How to organize your MP3/WMA files on the USB mass storage device

This Hi-Fi system will browse the MP3/WMA files in the folders/sub-folders/titles order:

Organize your MP3/WMA files in different folders or subfolders as required.

**Notes:**

- *If you have not organized MP3/WMA files into any albums on your disc, an album "00" will be automatically assigned for all those files.*
- *Make sure that the file names of MP3 files end with .mp3, and the file names of WMA files end with .wma.*
- *For DRM protected WMA files, use Windows Media Player 10 (or later) for conversion. Visit [www.microsoft.com](http://www.microsoft.com) for details about Windows Media Player and WM DRM (Windows Media Digital Rights Management).*

- ❶ Check the USB device has been properly connected. (See Installation: Connecting an additional appliance).
- ❷ Press **SOURCE** once or more to select USB (or **USB** on the remote control). **NO AUDIO** appears if no audio file is found in the USB device.
- ❸ Play the USB's audio files as you do with the albums/tracks on a CD (See Disc Operations).

**Notes:**


- *For compatibility reasons, the album/track information may differ from what it is displayed through flash players' music management software.*
- *File names or ID3 tags will be displayed as — if they are not in English.*



## Clock setting

See "Preparations-Step 2: Setting the clock".

## Timer setting

- The system can be used as an alarm clock, whereby the last selected source is switched on at a set time (one time operation). The clock time needs to be set first before the timer can be used.
- ① In standby mode, press and hold **SLEEP/TIMER** on the remote control for more than three seconds.  
→ "TIMER SET" is displayed briefly. Then, the hour digits flash on the display panel.
- ② Press **VOLUME +/- (VOL +/-)** on the remote control to set the hours and **SLEEP/TIMER** to confirm.  
→ The minute digits flash on the display panel.
- ③ Press **VOLUME +/- (VOL +/-)** on the remote control to set the minutes and **SLEEP/TIMER** to confirm.  
→ "TUN", "D/D" or "US D" flashes.
- ④ Press **VOLUME +/- (VOL +/-)** on the remote control to select your desired source.
- ⑤ Press **SLEEP/TIMER** to complete the setting.  
→ Display shows .

### To deactivate the timer

- Press **SLEEP/TIMER** again.  
→  disappears.

## Sleep timer setting

The sleep timer enables the system to switch off by itself after a set period of time.

- ① Press **SLEEP/TIMER** on the remote control repeatedly to select a preset time.  
→ The selections are as follows (time in minutes):  
OFF → 15 → 30 → 45 → 60 → 75 → 90 → 105 → 120 → OFF  
→ "SLEEP XX" or "SLEEP OFF" is displayed.  
"XX" is the time in minutes.

- ② When you reach the desired length of time, stop pressing **SLEEP/TIMER**.  
→ Display shows **zzz**.

### To deactivate the sleep timer

- Press **SLEEP/TIMER** repeatedly until "OFF" is displayed, or press **STANDBY-ON**   
→ **zzz** disappears.

# Specifications

## Amplifier

Frequency response (L/R) .....	180 - 20000Hz
(Subwoofer) .....	50 - 180Hz
Signal to noise ratio .....	> 65dB
Aux input .....	1V RMS 20kohm

## Disc

Laser type .....	Semiconductor
Disc diameter .....	12cm/8cm
Video decoding .....	MPEG-1 / MPEG-2 / Divx
Video DAC .....	12Bits
Signal system .....	PAL / NTSC
Video format .....	4:3 / 16:9
Video S/N .....	> 48dB
Audio DAC .....	24Bits / 96kHz
Total harmonic distortion .....	< 0.1% (1kHz)
Frequency response .....	4Hz - 20kHz (44.1kHz)
.....	4Hz - 22kHz (48kHz)
.....	4Hz - 24kHz (96kHz)
S/N ratio .....	> 65dBA

## Tuner

FM tuning range .....	87.5 - 108MHz
Tuning grid .....	50KHz
Sensitivity	
– Mono, 26dB S/N ratio .....	5uV
– Stereo, 46dB S/N ratio .....	100uV
Selectivity .....	> 28dB
Image rejection .....	> 25dB
Total harmonic distortion .....	< 3%
Signal to noise ratio .....	> 50dBA

## Speakers

Speaker impedance (L/R) .....	4 ohm
(Subwoofer) .....	4 ohm
Speaker driver (L/R) .....	3"
(Subwoofer) .....	5"
Frequency response .....	50 - 16000 Hz

## General information

Total output power .....	2 x 25W + 50W RMS
AC power .....	110V - 240VAC, 50/60 Hz
Operation Power Consumption	
– Main unit .....	18W
– Subwoofer .....	35W
Standby Power Consumption .....	< 4W
Composite Video Output .....	1.0Vp-p, 75ohm
S-Video Output .....	1.0Vp-p, 75ohm
Coaxial Output .....	0.5Vpp ± 0.1Vpp 75ohm
Headphone output .....	2 X 15mW, 32ohm
USB direct .....	Version 2.0
Wireless Subwoofer Connection ..	2.4GHz, AFH

## Dimensions (W x H x D)

– Main unit .....	200 x 250 x 110mm
– Main speaker .....	140 x 220 x 33mm (each)
– Subwoofer .....	170 x 197 x 302mm

## Weight

– With packing .....	8kg
– Main unit .....	1.45kg
– Main speaker .....	0.4kg (each)
– Subwoofer .....	3.3kg

**Specifications subject to change without prior notice**

## WARNING

Under no circumstances should you try to repair the system yourself, as this will invalidate the warranty. Do not 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 remedy a problem by following these hints, consult your dealer or Philips for help.

Problem	Solution
<b>No power.</b>	<ul style="list-style-type: none"> <li>✓ Check if the AC power cord is properly connected.</li> </ul>
<b>"NO DISC" is displayed.</b>	<ul style="list-style-type: none"> <li>✓ Check if the disc is inserted upside down.</li> <li>✓ Wait until the moisture condensed at the lens has cleared.</li> <li>✓ Replace or clean the disc, see "Maintenance".</li> <li>✓ Use a readable disc or correctly recorded format MP3-CD.</li> </ul>
<b>No picture.</b>	<ul style="list-style-type: none"> <li>✓ Select the appropriate video input mode on the TV set.</li> <li>✓ Check if the TV set is switched on.</li> <li>✓ Check the video connection.</li> <li>✓ Check if the system is securely connected.</li> <li>✓ If the progressive scan feature is activated but the connected TV does not support progressive signals or the cables are not connected accordingly, see "Preparations-Setting up Progressive Scan feature" for proper progressive scan setup or deactivate the progressive scan feature as below:               <ol style="list-style-type: none"> <li>1) Turn off your TV progressive scan mode or turn on to interlaced mode.</li> <li>2) Press SYSTEM MENU on the remote control to exit the system menu and then DISC and 1 to exit progressive scan.</li> </ol> </li> </ul>
<b>Distorted or poor picture.</b>	<ul style="list-style-type: none"> <li>✓ Sometimes a slight picture distortion may appear. This is not a malfunction.</li> <li>✓ Clean the disc.</li> </ul>
<b>The aspect ratio of the screen cannot be changed even though you have set the TV shape.</b>	<ul style="list-style-type: none"> <li>✓ The aspect ratio is fixed on the DVD disc.</li> <li>✓ The aspect ratio may not be changed for some TV systems.</li> </ul>

# Troubleshooting

Problem	Solution
<b>The DVD player does not start playback.</b>	<ul style="list-style-type: none"> <li>✓ Insert a readable disc.</li> <li>✓ Check the disc type, color system and region code.</li> <li>✓ Clean the disc.</li> <li>✓ Place the disc with the playback side down.</li> <li>✓ Press SYSTEM MENU to turn off the setup menu.</li> <li>✓ Cancel the parental control rating function or change the rating level.</li> <li>✓ Moisture has condensed inside the system. Remove the disc and leave the system turned on for about an hour.</li> </ul>
<b>The DVD player does not respond when buttons are pressed.</b>	<ul style="list-style-type: none"> <li>✓ Disconnect the power plug from the jack, and insert again.</li> </ul>
<b>The language for the sound or subtitle cannot be changed when playing a DVD.</b>	<ul style="list-style-type: none"> <li>✓ Multi-language sound or subtitle is not recorded on the DVD.</li> <li>✓ Changing the language for the sound or subtitle is prohibited on the DVD.</li> </ul>
<b>No image is output when a function is selected.</b>	<ul style="list-style-type: none"> <li>✓ Make sure the component is connected correctly.</li> <li>✓ Press the correct function button for the input source.</li> </ul>
<b>Sound cannot be heard or is of poor quality</b>	<ul style="list-style-type: none"> <li>✓ Adjust the volume.</li> <li>✓ Disconnect the headphones.</li> <li>✓ Check that the speakers are connected correctly.</li> <li>✓ Check if the stripped speaker wire is clamped.</li> <li>✓ If the system is in pause, slow motion or fast forward/reverse mode, press ►   to resume the normal play mode.</li> <li>✓ Make sure the MP3-CD was recorded within 32-256 kbps bit rate with sampling frequencies at 48 kHz, 44.1 kHz or 32 kHz.</li> <li>✓ Ensure that the DTS disc also supports Dolby Digital output.</li> </ul>
<b>Poor radio reception.</b>	<ul style="list-style-type: none"> <li>✓ If the signal is too weak, adjust the antenna or connect an external antenna for better reception.</li> <li>✓ Increase the distance between the System and your TV set or VCR.</li> </ul>

Problem	Solution
<b>Left and right sound outputs are reversed.</b>	<ul style="list-style-type: none"> <li>✓ Check the speaker connections and location.</li> </ul>
<b>The remote control does not function.</b>	<ul style="list-style-type: none"> <li>✓ Point the remote control at the remote control sensor of the unit.</li> <li>✓ Reduce the distance to the player.</li> <li>✓ Remove any possible obstacles.</li> <li>✓ Replace the batteries with a new ones.</li> <li>✓ Check that the battery is loaded correctly.</li> </ul>
<b>Wireless connection with the subwoofer fails</b>	<ul style="list-style-type: none"> <li>✓ Ensure that the subwoofer is powered on.</li> <li>✓ The distance between the main set and subwoofer may exceed the maximum range of wireless communication. Move the subwoofer closer to the main set.</li> <li>✓ Obstacles may exist between the main set and subwoofer. Remove the obstacles.</li> <li>✓ Strong interference may exist. Ensure there is no strong interference that may impair the communication between the main set and subwoofer.</li> <li>✓ If the problem remains, see "Installation - Step 1: Connecting speakers - Connecting the wireless subwoofer" for manual pairing.</li> </ul>
<b>The timer is not working</b>	<ul style="list-style-type: none"> <li>✓ Set the clock correctly.</li> </ul>
<b>The Clock/Timer setting is erased</b>	<ul style="list-style-type: none"> <li>✓ Power has been interrupted or the power cord has been disconnected. Reset the clock/timer.</li> </ul>
<b>Unable to select Progressive Scan.</b>	<ul style="list-style-type: none"> <li>✓ Check that the output of the video signal is switched to 'Pr/Cr Pb/Cb Y'.</li> </ul>
<b>Some files on the USB device are not displayed.</b>	<ul style="list-style-type: none"> <li>✓ Check if the number of folders exceeds 99 or the number of titles exceeds 999.</li> </ul>
<b>"DEVICE NOT SUPPORTED" scrolls on the display.</b>	<ul style="list-style-type: none"> <li>✓ Remove the USB mass storage device or select another source.</li> </ul>