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HTS3576

CC Centro de Informações
ao Consumidor

PHILIPS

WALITA

Grande SP: 2121-0203
Demais localidades: 0800 701 0203

Manual do Usuário

Foto somente ilustrativa



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Responsabilidade Social

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Sendo assim, realiza suas atividades em conformidade com a norma SA-8000, que se baseia nos princípios das convenções da Organização Internacional do Trabalho, da Convenção das Nações Unidas sobre os Direitos da Criança e na Declaração Universal dos Direitos Humanos.

Informação ambiental

Todo o material desnecessário foi retirado da embalagem do produto.

Nós tentamos fazer as embalagens de modo que elas sejam fáceis de separar em três materiais: caixa de papelão (caixa), calços de isopor e sacos plásticos.

O seu sistema contém materiais que podem ser reciclados e usados novamente se desmontados por uma empresa especializada. Por favor, observe os regulamentos locais relacionados à disposição de materiais da embalagem, baterias e equipamentos, com relação à destinação no seu fim de vida.

Prezado Consumidor,

PARABÊNS POR TER ADQUIRIDO ESTE PRODUTO...

E BEM VINDO À FAMÍLIA PHILIPS.

Agradecemos pela sua confiança na Philips e temos a certeza de que seu HTS3576 lhe trará muitos momentos agradáveis, pois ele é um produto de tecnologia moderna e com muitos recursos. Para usufruir de todo seu potencial, basta ler atentamente este manual e seguir as orientações dadas.

Atenciosamente,

Philips da Amazônia
Indústria Eletrônica Ltda.

Baterias e pilhas



CUIDADO com o uso de pilhas ou baterias!

– Não descarte as pilhas ou baterias juntamente com o lixo doméstico.

– O descarte não controlado de pilhas e baterias prejudica o meio ambiente e a saúde humana.

– Para contribuir com o meio ambiente e com a sua saúde a Philips receberá nos postos de serviço técnico as pilhas ou baterias fornecidas com seus produtos após o uso e fará o descarte gratuitamente.

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“Evite o uso prolongado do aparelho com volume superior a 85 decibéis pois isto poderá prejudicar a sua audição.”

Nível de Decibéis	Exemplos
30	Biblioteca silenciosa, sussurros leves
40	Sala de estar, refrigerador, quarto longe do trânsito
50	Trânsito leve, conversa normal, escritório silencioso
60	Ar condicionado a uma distância de 6 m, máquina de costura
70	Aspirador de pó, secador de cabelo, restaurante ruidoso
80	Tráfego médio de cidade, coletor de lixo, alarme de despertador a uma distância de 60 cm
OS RUÍDOS ABAIXO PODEM SER PERIGOSOS EM CASO DE EXPOSIÇÃO CONSTANTE	
90	Metrô, motocicleta, tráfego de caminhão, cortador de grama
100	Caminhão de lixo, serra elétrica, furadeira pneumática
120	Show de banda de rock em frente às caixas acústicas, trovão
140	Tiro de arma de fogo, avião a jato
180	Lançamento de foguete

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1 Important

Safety and important notice

Warning

- Risk of overheating! Never install the Home Theater System in a confined space. Always leave a space of at least 4 inches around the Home Theater System for ventilation. Ensure curtains or other objects never cover the ventilation slots on the Home Theater System.
- Never place the Home Theater System, remote control or batteries near naked flames or other heat sources, including direct sunlight.
- Only use this Home Theater System indoors. Keep this Home Theater System away from water, moisture and liquid-filled objects.
- Never place this Home Theater System on other electrical equipment.
- Keep away from this Home Theater System during lightning storms.
- Where the mains plug or an appliance coupler is used as the disconnect device, the disconnect device shall remain readily operable.
- Visible and invisible laser radiation when open. Avoid exposure to beam.

Recycling notice



This electronic equipment contains a large number of materials that can be recycled or reused if disassembled by a specialised company. If you are disposing of an old machine, please take it to a recycling centre. Please observe the local regulations regarding disposal of packaging materials, exhausted batteries and old equipment.

Copyright notice



**Be responsible
Respect copyrights**

This product incorporates copyright protection technology that is protected by method claims of certain U.S. patents and other intellectual property rights owned by Macrovision Corporation and other rights owners. Use of this copyright protected technology must be authorised by Macrovision Corporation, and is intended for home and other limited viewing uses only unless otherwise authorised by Macrovision Corporation. Reverse engineering or disassembly is prohibited.

About Progressive Scan

Consumers should note that not all high definition television sets are fully compatible with this product and may cause artefacts to be displayed on 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 centre.

Trademark notice



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2 Your Home Theater System

Congratulations on your purchase, and welcome to Philips! To fully benefit from the support that Philips offers, register your product at www.philips.com/welcome.

Feature highlights

Video upscaling to 1080p

Enjoy watching discs in the highest picture quality available for your HDTV. This Home Theater System offers full high-definition video playback up to 1080p resolution that provides a highly detailed picture and increased sharpness that delivers a more true-to-life picture for an amazing viewing experience.

Philips EasyLink

Your Home Theater System supports Philips EasyLink, which uses the HDMI CEC (Consumer Electronics Control) protocol. EasyLink-compliant devices that are connected through HDMI connectors can be controlled by a single remote control.

Note

- Philips does not guarantee 100% interoperability with all HDMI CEC devices.

Listen to rich uncompressed multi-channel surround sound

This Home Theater System supports 5.1 channels of uncompressed audio that delivers a real-to-life sound experience as if you are listening to it live.

High speed USB 2.0 Link and MP3 link

Simply plug your USB device into the USB jack to play your MP3/WMA/JPEG/DivX files; or plug your portable media player to the MP3 LINK jack to enjoy the music play in superb sound quality.

Sync the audio output with the video play

Synchronise audio and video by delaying the audio output if the video signal sent to the TV is slower than the audio streams.

Create MP3 files

Convert your favourite audio tracks from an audio CD into MP3 format. The created MP3 files are saved in your USB device.

Screen Fit



View the movie in full screen display on any TV.

Karaoke scoring function

Karaoke scoring gives a score and a comment for each performance. Have your singing performance scored for even more karaoke fun at home!

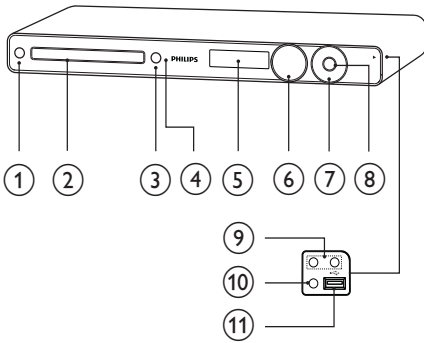
Region codes

You can play discs with the following region codes.

DVD region code	Countries
 	Latin America

Product overview

Main unit



- a **⏻ (Standby-On)**
 - Turns on the Home Theater System or switches to standby mode.
- b **Disc compartment**
- c **▲ (Open/Close)**
 - Opens or closes the disc compartment.
- d **IR sensor**
 - Detects signals from the remote control. Point the remote control at the IR sensor.
- e **Display panel**
 - Displays the current status or disc information.
- f **VOLUME**
 - Increases or decreases volume.

- g **Play/Pause, Stop, Fast Reverse / Fast Forward**
 - **▶|| (Play/Pause)**
 - Starts, pauses or resumes disc play.
 - In radio mode, automatically tunes radio stations during first-time setup.
 - **■ (Stop)**
 - Stops disc play.
 - In radio mode, erases the current preset radio station.
 - **◀◀ / ▶▶ (Fast Reverse/Fast Forward)**
 - Skips to the previous or next title, chapter or track.
 - Press and hold for fast backward or forward search.
 - In radio mode, selects a preset radio channel.

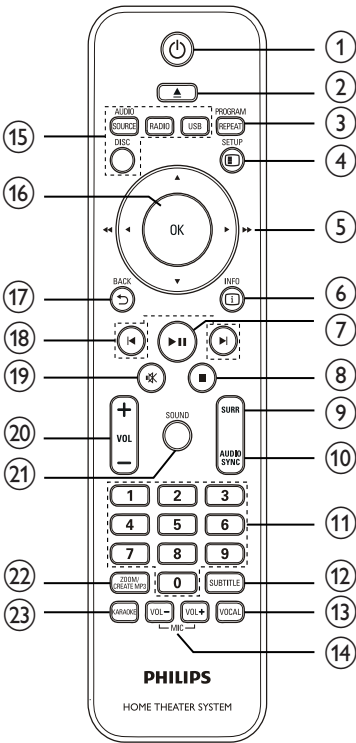
- h **SOURCE**
 - Selects a media to play or listen to audio from the connected device.

Note

- The following sockets are under the flap, in the right-hand corner of the main unit (**OPEN ▶**).

- i **MIC 1 / MIC 2**
 - Connects a microphone.
- j **MP3 LINK**
 - Connects a portable audio player
- k **↔ (USB)**
 - Connects a USB supported device.

Remote Control



a (Standby-On)

- Turns on the Home Theater System or switches to standby mode.
- Press and hold to turn off the Home Theater System and all HDMI CEC compliant devices.

b (Open/Close)

- Opens or closes the disc compartment.

c PROGRAM / REPEAT

- In radio mode, resets the list of preset stations: press to manually reset; press and hold to automatically reset.
- Selects or turns off repeat or shuffle mode.

d SETUP

- Accesses or exits the setup menu.

e (Navigation buttons)

- Navigates through the menus.
- Press left and right for fast backward or forward search.
- In radio mode, press up and down to tune the radio frequency.
- In radio mode, press left or right to start auto search.

f INFO

- For discs, displays information about the current status or the disc.
- For slideshows, displays a thumbnail view of photo files.

g (Play/Pause)

- Starts, pauses or resumes disc play.
- In radio mode, automatically tunes radio stations during first-time setup.

h (Stop)

- Stops disc play.
- In radio mode, erases the current preset radio station.

i SURR (Surround Sound)

- Switches to supported surround sound or stereo sound.

j AUDIO SYNC

- Selects an audio language or channel.
- Press and hold to access the setting for audio sync, then press VOL +/- to set the audio delay time.

- k **Numeric buttons**
 - Selects an item to play.
- l **SUBTITLE**
 - Select DVD or DivX subtitle languages.
- m **VOCAL**
 - Changes the audio channel of a karaoke disc.
- n **MIC (VOL +/-)**
 - Increases or decreases microphone volume.
- o **Source buttons**
 - **AUDIO SOURCE:** Selects an audio input source.
 - **RADIO:** Switches to FM band.
 - **USB:** Switches to the USB source.
 - **DISC:** Switches to the disc source.
- p **OK**
 - Confirms an entry or selection.
- q **↩ BACK**
 - Returns to a previous screen.
 - For DVD, goes to the title menu.
 - For VCD version 2.0 or SVCD with PBC turned on, returns to the menu during playback.
- r **◀ / ▶ (Previous/Next)**
 - Skips to the previous or next title, chapter or track.
- s **🔇 (Mute)**
 - Mutes or restores audio output.
- t **VOL +/-**
 - Increases or decreases volume.
- u **SOUND**
 - Selects a predefined sound effect.
- v **ZOOM / CREATE MP3**
 - Zooms in or out of the picture.
 - Accesses the menu to create MP3.
- w **KARAOKE**
 - Accesses or exits the karaoke menu.

3 Connect

Make the following connections to use your Home Theater System.

Basic connections:

- Video
- Speakers and subwoofer
- Power

Optional connections:

- Radio antenna
- Audio
 - Audio from TV
 - Audio from digibox/recorder/game console
- Other devices
 - Portable media player
 - USB device

Note

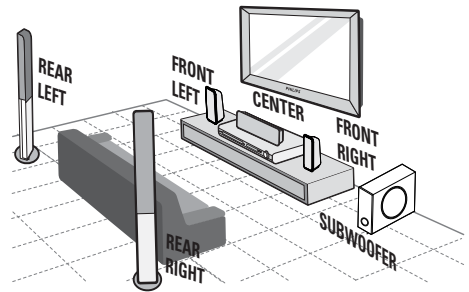
- Refer to the type plate at the back or bottom of the product for identification and supply ratings.
- Before you make or change any connections, ensure that all the devices are disconnected from the power outlet.

Tip

- Different types of connectors may be used to connect this product to your TV, depending on availability and your needs. A comprehensive interactive guide to help you connect your product is available at www.connectivityguide.philips.com.

Place the Home Theater System

- Place the Home Theater System where it cannot be pushed, pulled over or knocked down. Do not place it in an enclosed cabinet.
- Make sure that you have full access to the power cord for easy disconnection of the Home Theater System from the power supply.



- 1 Place this Home Theater System near the TV.
- 2 Place the speakers system at normal listening ear-level and directly parallel to the listening area.
- 3 Place the subwoofer in the corner of the room or at least 3 feet away from the TV.

Tip

- To avoid magnetic interference or unwanted noise, never place this Home Theater System too close to any radiation devices.

Connect video cables

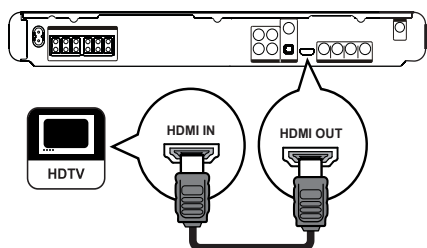
Connect this Home Theater System to TV to view disc play. Select the best video connection that the TV can support.

- Option 1: Connect to the HDMI jack (for a HDMI, DVI or HDCP-compliant TV).
- Option 2: Connect to the component video jacks (for a standard TV or progressive scan TV).
- Option 3: Connect to the video (CVBS) jack (for a standard TV).

Note

- You must connect this Home Theater System directly to a TV.

Option 1: Connect to the HDMI jack



- 1 Connect an HDMI cable to the **HDMI OUT** jack on this Home Theater System and the HDMI input jack on the TV.

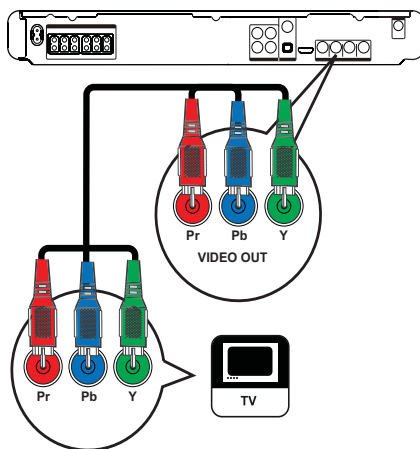
Note

- If your device supports HDMI CEC, you can control compliant devices with a single remote control. (see 'Get started' > 'Use Philips EasyLink').

Tip

- If the TV has a DVI connection only, connect via a HDMI/DVI adaptor. Connect an audio cable for sound output.
- You can optimise the video output. (see 'Adjust settings' > 'Video setup' > [HDMI Setup]).
- This type of connection provides the best picture quality.

Option 2: Connect to the component video jack

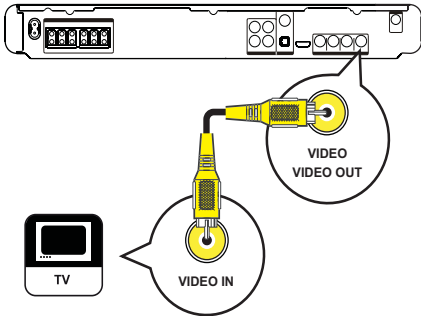


- 1 Connect the component video cable (not supplied) to the **Y Pb Pr** jacks on this Home Theater System and the **COMPONENT VIDEO** input jacks on the TV.
 - If a progressive scan TV is used, you may turn on the progressive scan mode. (see 'Get started' > 'Turn on Progressive Scan').

Note

- The component video input jack on the TV might be labeled as Y Pb/Cb Pr/Cr or YUV.
- This type of connection provides good picture quality.

Option 3: Connect to the Video (CVBS) jack



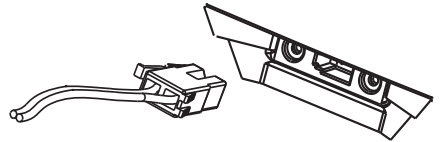
- 1 Connect a composite video cable to the **VIDEO** jack on this Home Theater System and the **VIDEO IN** jack on the TV.

Note

- The video input jack on the TV might be labelled as A/V IN, VIDEO IN, COMPOSITE or BASEBAND.
- This type of connection provides standard picture quality.

Connect speaker cables to speakers

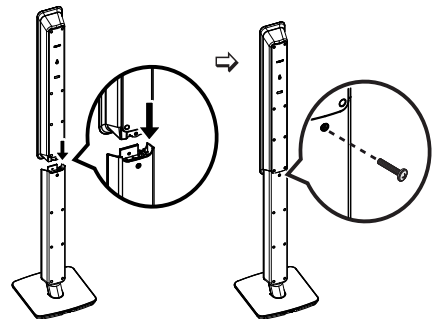
For the rear speakers only



- 1 Connect the speaker cables to the matching colour jacks on the speakers (or speaker stands).

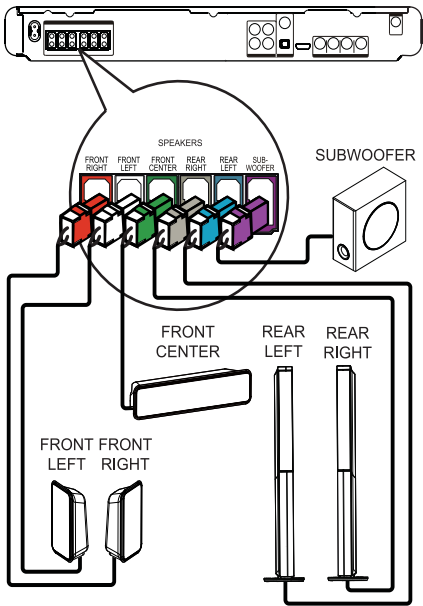
Connect speaker to speaker stand

For the rear speakers only



- 1 Attach the speakers to the speaker stands and secure the position with screws.

Connect speakers and subwoofer

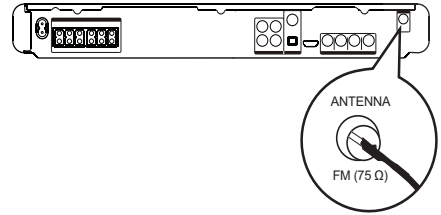


- 1 Connect the speakers and subwoofer to the matching jacks on the Home Theater System.

Note

- Ensure that the colours of the plugs and jacks are matched.

Connect radio antenna



- 1 Connect the FM antenna to the FM75 Ω jack on this Home Theater System (for some models, this cable is already connected).
- 2 Extend the FM antenna and fix its ends to the wall.

Tip

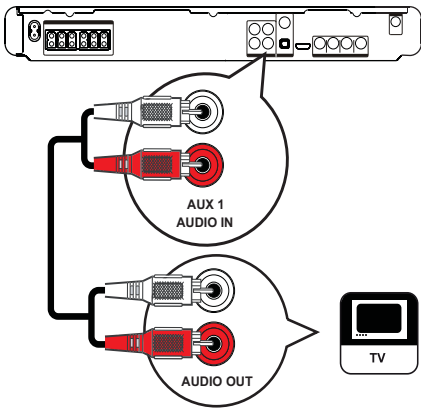
- For better FM stereo reception, connect to an external FM antenna.

Connect audio cables/other devices

Route the audio from other devices to this Home Theater System to enjoy audio play with multi-channel surround capabilities.

Connect audio to TV

(also used for EasyLink control)



- 1 Connect the audio cables (not supplied) to the **AUDIO IN-AUX1** jacks on the Home Theater System and the **AUDIO** output jacks on the TV.

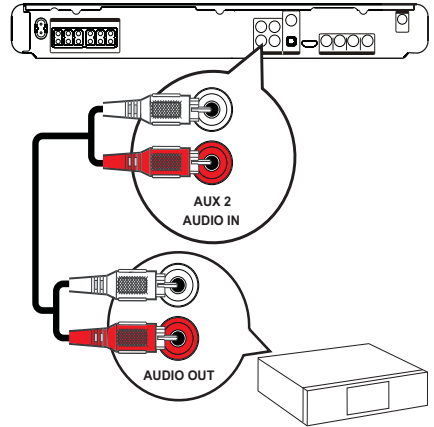
Note

- To listen to the audio output from this connection, press **AUDIO SOURCE** repeatedly until 'AUX1' is displayed on the display panel.

Connect audio from cable box/ recorder/game console

You can choose to connect to analogue or digital jacks depending on the device capabilities.

Connect to analogue jacks

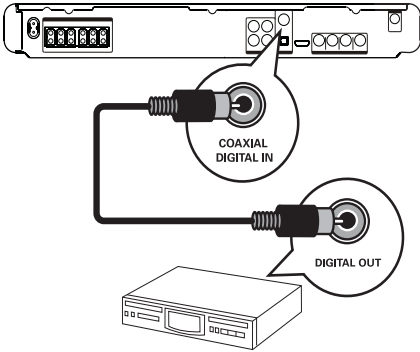


- 1 Connect the audio cables (not supplied) to the **AUDIO IN-AUX2** jacks on the Home Theater System and the **AUDIO** output jacks on the device.

Note

- To listen to the audio output from this connection, press **AUDIO SOURCE** repeatedly until 'AUX2' is displayed on the display panel.

Connect to coaxial jack

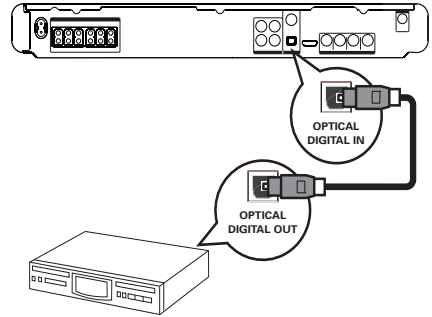


- 1 Connect a coaxial cable (not supplied) to the **COAXIAL DIGITAL-IN** jack on the Home Theater System and the **COAXIAL/DIGITAL** output jack on the device.

Note

- To listen to the audio output from this connection, press **AUDIO SOURCE** repeatedly until 'COAX IN' is displayed on the display panel.

Connect to optical jack

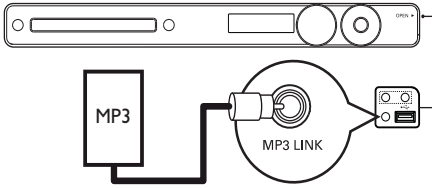


- 1 Connect an optical cable (not supplied) to the **OPTICAL DIGITAL-IN** jack on the Home Theater System and the **OPTICAL/SPDIF** output jack on the device.

Note

- To listen to the audio output from this connection, press **AUDIO SOURCE** repeatedly until 'OPTI IN' is displayed on the display panel.

Connect portable media player

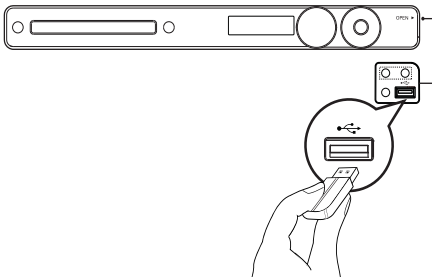



- 1 Connect a 3.5mm stereo audio cable (not supplied) to the **MP3 LINK** jack on this Home Theater System and the phone jack on the portable media player (such as MP3 player).

Note

- To listen to the audio output from this connection, press **AUDIO SOURCE** repeatedly until 'MP3 LINK' is displayed on the display panel.

Connect USB device



- 1 Connect the USB device to  **USB** jack on this Home Theater System.

Note

- This Home Theater System can only play/view MP3, WMA, DivX (Ultra) or JPEG files that are stored on such devices.
- Press **USB** to access the content and play the files.

Connect power cord

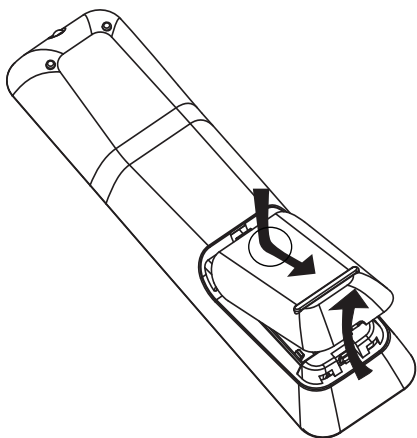
Warning

- Risk of product damage! Ensure that the power supply voltage corresponds to the voltage printed on the back or the underside of the Home Theater System.
- Before connecting to a socket, set the voltage selector (at the rear or bottom of this Home Theater System) to the local power line voltage.

- 1 Connect the power cord to the socket when all the required connections are made.
 - » The Home Theater System is ready to be set up for use.

4 Get started

Insert the remote control batteries



- 1 On the back of the remote control, slide the battery cover to remove it.
- 2 Insert the 2 supplied batteries (AAA). Be sure the + and - ends of the batteries line up with the markings inside the case.
- 3 Slide the cover back into position.

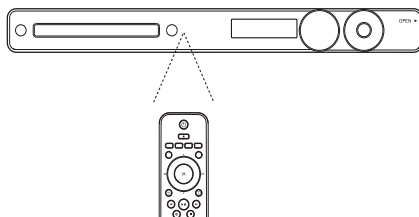
Note

- Do not mix batteries (old and new or carbon and alkaline, etc.).
- Remove batteries if they are exhausted or if the remote control is not to be used for a long time.
- Batteries contain chemical substances, they should be disposed off properly.

Control a play source

- 1 Press **RADIO**, **USB** or **DISC** button to select the source you wish to control.
- 2 Select the desired function (for example ◀, ▶).

Navigate through the menu



- 1 Point the remote control directly at the remote sensor on the Home Theater System and select the desired function.
- 2 Press the following buttons on the remote control to navigate through the on-screen menus.

Button	Action
▲▼	Move up or down
◀▶	Move left or right
OK	Confirm a selection
1 2 3	Enter numbers
4 5 6	
7 8 9	
0	

Find the correct viewing channel

- 1 Press **⓪** to turn on the Home Theater System.
- 2 Press **DISC** to switch to disc mode.
- 3 Turn on the TV and switch to the correct video-in channel in one of the following ways:
 - Go to the lowest channel on your TV, then press the Channel Down button until you see the Philips screen.
 - Press the **SOURCE** button repeatedly on the remote control of your TV.

Tip

- The video-in channel is between the lowest and highest channels and may be called FRONT, A/V IN, VIDEO, HDMI etc. See the TV user manual on how to select the correct input on the TV.

Select menu display language

Note

- Skip this setting if this Home Theater System is connected to a HDMI CEC compliant TV. It switches automatically to the same OSD menu language as per your TV setting.

General Setup	
EasyLink Setup	<input checked="" type="radio"/> Auto
Disc Lock	<input type="radio"/> English
Display Dim	<input type="radio"/> Español
OSD Language	<input type="radio"/> Português
Screen Saver	
Sleep Timer	
DivX(R) VOD Code	

- 1 Press **DISC**.
- 2 Press **⓪ SETUP**.
 - » **[General Setup]** menu is displayed.
- 3 Press **▶**.
- 4 Press **▲▼** to select **[OSD Language]** in the menu, then press **▶**.
 - The language options are different depending on your country or region. It may not correspond to the illustration shown here.
- 5 Press **▲▼** to select a language, then press **OK**.

Tip

- You can set the default language for DVD disc menu (see 'Adjust settings' > 'Preferences' > [Disc Menu]).

Turn on Progressive Scan

If the TV supports progressive scan output, you can connect this Home Theater System and the TV using component video connection. (see 'Connect video cables' > 'Option 2: Connect to the component video jack').

Video Setup	
TV System	<input type="radio"/> On
TV Display	<input checked="" type="radio"/> Off
Screen Fit	
Picture Setting	
HDMI Setup	
Closed Caption	
Progressive	

- 1 Turn on the TV and ensure that the TV progressive scan mode is deactivated (see the TV user manual).
- 2 Switch the TV to the correct viewing channel for this Home Theater System.
- 3 Press **DISC**.
- 4 Press **SETUP**.
- 5 Press **▼** to select [**Video Setup**] in the menu, then press **▶**.
- 6 Select [**Progressive**] > [**On**], then press **OK**.
 - » A warning message is displayed.
- 7 To proceed, select [**OK**] and press **OK**.
 - » The progressive setup is complete.

Note

- If a blank/distorted screen is displayed, wait for 15 seconds for the auto recover.
- If no picture is displayed, turn off the progressive scan mode as follows: 1) Press **▲** to open the disc compartment. 2) Press **◀**. 3) Press **AUDIO SYNC**.

- 8 Press **EXIT** **SETUP** to exit the menu.
- 9 You can now turn on the progressive scan mode on the TV.

Note

- During play, when progressive scan mode is on for both this Home Theater System and the TV, distorted picture may be displayed. Turn off the progressive scan feature on both this Home Theater System and the TV.

Change speaker settings

Ideally, the distance between listening position and all the speakers should be the same. If not, change the speaker settings based on their distance from the listening position to obtain the best possible surround sound.

Audio Setup	
Speakers Volume	
Speakers Delay	
HDMI Audio	
CD Upsampling	
Audio Sync	

- 1 Press DISC.
- 2 Press **SETUP**.
- 3 Press **▼** to select **[Audio Setup]** in the menu, then press **▶**.
 - If the speaker setup option is not accessible, press **■** twice before you press **SETUP**.

To set the speakers level

- 1 Select **[Speakers Volume]** in the menu, then press **▶**.

Speakers Volume Setup	
Front Left	<input type="range"/> 0dB
Front Right	<input type="range"/> 0dB
Center	<input type="range"/> 0dB
Subwoofer	<input type="range"/> 0dB
Rear Left	<input type="range"/> 0dB
Rear Right	<input type="range"/> 0dB


- 2 Press **◀▶** to change the volume level, then press **OK**.
 - » The test tone is emitted from the speaker.
 - Repeat the above setting for other speakers until all the speakers' output level sounds equally balance.
 - To exit the menu, press **SETUP**.

To set the output delay time (centre and rear speakers only)

- 1 Select **[Speakers Delay]** in the menu, then press **▶**.

Speakers Distance Setup	
Center	<input type="text"/> 0MS
Rear Left	<input type="text"/> 0MS
Rear Right	<input type="text"/> 0MS

- 2 Press **◀▶** to set the delay time, then press **OK**.
 - Repeat the above setting for other speakers until the sound output from different speakers reach the listening position at the same time.
 - To exit the menu, press **SETUP**.

 **Tip**

- Set a longer delay time if the centre speaker or rear speaker is closer to the listening position than the front speaker.
- Allow 1ms setting for every 1 foot distance between the speaker and the listening position.

Use Philips EasyLink

Your Home Theater System supports Philips EasyLink, which uses the HDMI CEC (Consumer Electronics Control) protocol. EasyLink-compliant devices that are connected through HDMI connectors can be controlled by a single remote control.



Note

- Philips does not guarantee 100% interoperability with all HDMI CEC devices.

- 1 Turn on the HDMI CEC operations on the TV and other connected devices. See TVs/devices manual for details.
- 2 You can now enjoy the following Philips EasyLink controls.

EasyLink

You can turn off or turn on all EasyLink features.

One-touch play

When you connect your Home Theater System to devices that support one-touch play, you can control your Home Theater System and the devices with one remote control. For example, when you press Play on your Home Theater System remote control, your TV automatically switches to the correct channel to show the DVD content. To enable One-touch play, a video disc must be placed in the disc compartment before operation.

One-touch standby

When you connect your Home Theater System to devices that support standby, you can use your Home Theater System remote control to put your Home Theater System and all connected HDMI devices in standby mode. You can perform one-touch standby using the remote control from any of the connected HDMI devices.

System Audio Control

When you connect your Home Theater System to HDMI CEC compliant devices, your Home Theater System can switch automatically to play audio from the connected device.

To use one-touch audio, you must map the audio input from the connected device to your Home Theater System.

Audio Input Mapping

When you map the audio input correctly, this Home Theater System switches to the audio from the played device automatically.

Map the audio inputs to the connected devices

Note

- Before you start, ensure that the audio output of the HDMI TV and other HDMI devices have been connected to the audio input jacks on this Home Theater System.

General Setup	
EasyLink Setup	<input type="radio"/> EasyLink
Disc Lock	<input type="radio"/> One Touch Play
Display Dim	<input type="radio"/> One Touch Standby
OSD Language	<input type="radio"/> System Audio Control
Screen Saver	<input type="radio"/> Audio Input Mapping
Sleep Timer	
DivX(R) VOD Code	

- 1 Press DISC.
- 2 Press **SETUP**.
 - » [General Setup] menu is displayed.
- 3 Press **▶**.
- 4 Select [EasyLink Setup], then press **▶**.
 - [One Touch Play] and [One Touch Standby] functions are turned on by default in the factory.
- 5 Select [System Audio Control] > [On], then press **OK** to start scanning devices.
 - » Once complete, audio input mapping menu is displayed.

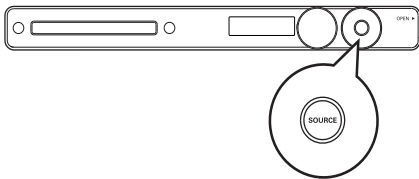
Audio Input Mapping	
Aux 1	<input type="radio"/> [TV]
Aux 2	<input type="radio"/> [DVD 3400]
Coaxial In	<input type="radio"/> other (Non-HDMI)
Optical In	

For example, if the TV audio is connected to the **AUX1** jack on this Home Theater System, select [**Aux1**] and map with the TV (brand name) at the right panel.

- 6 Select the audio input of this Home Theater System that is used to connect to other HDMI devices (e.g. AUX1, AUX2), then press **▶**.
- 7 Select the correct connected device, then press **OK**.
 - » Repeat steps 5–7 to map other connected devices.
- 8 Press **SETUP** to exit the menu.

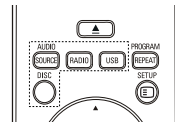
Select a play source

On the main unit



- Press **SOURCE** button repeatedly to select: **DISC** > **USB** > **FM** > **AUX 1** > **AUX 2** > **COAX IN** > **OPTI IN** > **MP3 LINK** > **DISC ...**

On the remote control



- Press **AUDIO SOURCE** repeatedly to switch to the connected audio source:

Display	Device connected to
AUX 1	AUDIO IN-AUX1 jacks
AUX 2	AUDIO IN-AUX2 jacks
COAX IN	COAXIAL DIGITAL IN socket
OPTI IN	OPTICAL DIGITAL IN socket
MP3 LINK	MP3 LINK socket

- Press **RADIO** to switch to FM band.
- Press **USB** to switch to USB mode.
- Press **DISC** to switch to disc mode.

5 Play

Play a disc

Caution

- Never place any objects other than discs into the disc compartment.
- Never touch the disc optical lens inside the disc compartment.

- 1 Press **▲** to open the disc compartment.
- 2 Insert a disc with its label facing up.
 - For double-sided discs, load the side to play face up.
- 3 Press **▲** to close the disc compartment and start disc play.
 - To view disc play, turn on the TV to the correct viewing channel for this Home Theater System.
 - To stop disc play, press **■**.

Note

- Check the types of discs supported. (see 'Specifications' > 'Playback media').
- If the password entry menu is displayed, enter the password before you can play the locked or restricted disc.
- If you pause or stop a disc for about 5 minutes, the screen saver activates. To deactivate the screen saver, press **DISC**.
- After you pause or stop a disc and no buttons are pressed within 15 minutes, this Home Theater System automatically switches to standby mode.







Play video

Note

- For video disc, playback always resumes from the point where it was last stopped. To start play from the beginning, press **◀** while the message is displayed.


Control video play

- 1 Play a title.
- 2 Use the remote control to control the title.

Button	Action
	Starts, pauses or resumes disc play.
	Stops disc play.
	Skips to the next title or chapter.
	Skips to the beginning of the current title or chapter. Press twice to jump to the previous title or chapter.
	Searches fast-forward (right) or fast-backward (left). Press repeatedly to change the search speed. In pause mode, slow motion backward or forward play.
	Searches slow-forward (down) or slow-backward (up). Press repeatedly to change the search speed. For VCD, only slow-forward play is possible.

Change video play

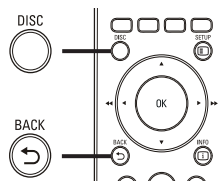
- 1 Play a title.
- 2 Use the remote control to change the video play.

Button	Action
AUDIO	Selects an audio language or channel on a disc.
SYNC	
SUBTITLE	Selects the subtitle language on a disc.
REPEAT	Selects or turns off repeat or shuffle mode. Repeat options vary depending on the disc type. For VCDs, repeat play is only possible if the PBC mode is turned off.
ZOOM	Zooms in or out of the picture. To pan through the zoomed image, press the Navigation buttons .
 INFO	Displays the current status or disc information. You can change the video play options here without interrupting disc play.

Note

- Some operations may not work with some discs. See the information accompanying the disc for details.

Access DVD menu

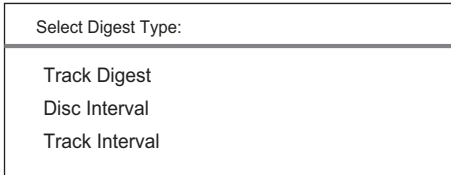


- 1 Press **DISC** to access disc main menu.
- 2 Select a play option, then press **OK**.
 - In some menus, press the **Numeric buttons** to input your selection.
 - To return to the title menu during play, press **BACK**.

Access VCD menu or preview menu

The PBC (Playback Control) for VCD is activated by default in the factory. When you load a VCD, the contents menu is displayed.

- 1 Press **▲▼** to select a play option, then press **OK** to start play.
 - If PBC is off, it skips the menu and starts play from the first title.
 - To return to the menu during play, press **↶** **BACK** (only possible if the PBC mode is on).
- 2 Press **DISC** to preview the contents of the disc.
 - To exit the menu, press **DISC**.



- 3 Select a preview play option, then press **OK**

[Track Digest]

Plays the first few seconds of each track in a disc.

[Disc Interval]

Divides the total disc time by six and play the first few seconds of these intervals.

[Track Interval]

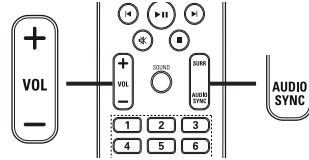
Divides the current track by six and play the first few seconds of these intervals. This option is not available in stop mode.

Tip

- You can change the PBC setting (see 'Adjust settings' > 'Preferences' > **[PBC]**).

Sync audio output with video play

If the video play is slower than the audio output (sound does not match with the pictures), you can delay the audio output to match the video.

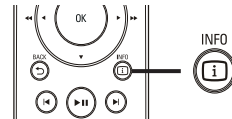


- 1 Press and hold **AUDIO SYNC** until 'AUDIO SYNC' is displayed.
- 2 Within five seconds, press **VOL +/-** to set the delay time for audio output.

Note

- If the volume control is not used within five seconds, it resumes normal volume control function.

Quick skip play to a specific time



- 1 During play, press **INFO**.
 - » The disc status menu is displayed.
- 2 Press **▲▼** to view information, then press **OK**.
 - **[TT Time]** (title time)
 - **[Ch Time]** (chapter time)
 - **[Disc Time]** (disc time)
 - **[Track Time]** (track time)
- 3 Press the **Numeric buttons** to enter the time where you want to skip to, then press **OK**.

Note

- The options are different depending on the disc type.

Repeat play a specific section

- 1 During playback, press **INFO**.
 - » The disc status menu is displayed.
- 2 Select **[Repeat]** in the menu, then press **▶**.
- 3 Move to **[A-B]** in the menu, then press **OK** to set the starting point.
- 4 Press **OK** again to set the ending point.
 - » Repeat play starts.
- 5 To cancel repeat play, select **[Off]** and press **OK**.



Note

- The marked section for repeat play is only possible within a track/title.

View video play from different camera angles

- 1 During play, press **INFO**.
 - » The disc status menu is displayed.
- 2 Select **[Angle]**, then press **▶**.
- 3 Press the **Numeric buttons** to select an angle, then press **OK**.
 - » Play changes to the selected angle.



Note

- Applicable only to discs containing multi-angle scenes.

Play DivX® video

DivX video is a digital media format that retains high quality despite a high rate of compression. You can enjoy DivX video on this DivX® Certified Home Theater System.

- 1 Insert a disc or USB device that contains the DivX videos.
- 2 Press **DISC** or **USB**.
 - » A contents menu is displayed.
- 3 Select a title to play, then press **▶||**.
- 4 Use the remote control to control the title.

Button	Action
AUDIO	Selects an audio language or channel.
SYNC	Select DVD or DivX subtitle languages.
■	Stops play. For DivX Ultra video, press this button again to display the contents menu.
INFO	Displays DivX Ultra video information.







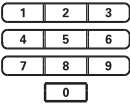

Note

- You can only play DivX videos that were rented or purchased with the DivX registration code of this Home Theater System (see 'Adjust settings' > 'General setup' > **[DivX(R) VOD Code]**).
- You can play DivX video files of up to 4GB.
- If the subtitle does not appear correctly, change the character set (see 'Adjust settings' > 'Preferences' > **[DivX Subtitle]**).
- This Home Theater System can display up to 45 characters in the subtitle.

Play music




Control audio track play

- 1 Play a track.
- 2 Use the remote control to control the track.

Button	Action
	Starts, pauses or resumes disc play.
	Stops disc play.
	Skips to the next track.
	Skips to the beginning of the current track. Press twice to jump to the previous track.
	Selects an item to play.
	Searches fast-forward (right) or fast-backward (left). Press repeatedly to change the search speed.
REPEAT	Selects or turns off repeat or shuffle mode.

Play MP3/WMA music

MP3/WMA is a type of highly compressed audio file (files with .mp3 or .wma extensions).

- 1 Insert a disc or USB that contains the MP3/WMA music.
- 2 Press **DISC** or **USB**.
 - » A contents menu is displayed.
- 3 Select a folder, then press **OK**.
- 4 Select a track to play, then press 
 - To return to the main menu, press  **BACK** or press  until 'Previous' folder is selected, then press **OK**.

Note

- For disc recorded in multiple sessions, only the first session is played.
- This Home Theater System does not support MP3PRO audio format.
- If any special characters are present in the MP3 track name (ID3) or album name, it might not be displayed correctly on the screen because these characters are not supported.
- Some WMA files are protected by Digital Rights Management and cannot be played on this Home Theater System.
- Folders/files that exceed the supported limit of this Home Theater System will not be displayed or played.

Tip

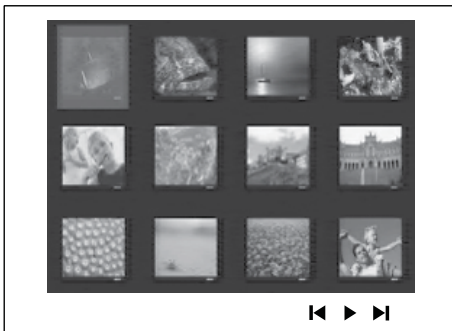
- You can select the display of data contents, view folders or files (see 'Adjust settings' > 'Preferences' > **[MP3/JPEG Display]**).

Play photo

Play photo as slideshow

This Home Theater System can play JPEG photos (files with .jpeg or .jpg extensions).

- 1 Insert a disc or USB that contains the JPEG photos.
- 2 Press **DISC** or **USB**.
 - » Slideshow begins (for Kodak disc) or a contents menu (for JPEG disc) is displayed.
- 3 Select the folder/album you want to play.
 - To preview the photos in the folder/album, press **INFO**.



- To go to previous or next screen display, press **◀** / **▶**.
 - To select a photo, press the **Navigation buttons**.
 - To display the selected photo only, press **OK**.
- 4 Press **▶||** to start slideshow play.
 - To return to the menu, press **↶** **BACK**.

Note

- You may require longer time to display the disc content on the TV due to the large number of songs/photos compiled onto one disc.
- If the JPEG photo is not recorded with an 'exif' type file, the actual thumbnail picture is not shown on the display. It is replaced by a 'blue mountain' thumbnail picture.
- This Home Theater System can only display digital camera pictures according to the JPEG-EXIF format, typically used by almost all digital cameras. It cannot display Motion JPEG and pictures in formats other than JPEG, or sound clips associated with pictures.
- Folders/files that exceed the supported limit of this Home Theater System are not displayed or played.

Control photo play

- 1 Play photo slideshow.
- 2 Use the remote control to control the photo.

Button	Action
◀	Skips to the previous photo.
▶	Skips to the next photo.
▲	Rotates the photo clockwise.
▼	Rotates the photo anti-clockwise.
ZOOM	Zooms in or out of the picture. Play pause in zoom mode.
■	Stops play.

Play musical slideshow

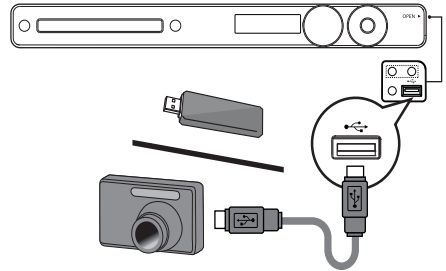
Play MP3/WMA music files and JPEG photo files simultaneously to create musical slideshow. The MP3/WMA and JPEG files must be stored on the same disc or USB device.


- 1 Play MP3/WMA music.
- 2 Navigate to the photo folder/album and press **OK** to start slideshow play.
 - » Slideshow begins and continues till the end of the photo folder or album.
 - » Audio continues to play till the end of the disc.
 - To stop slideshow play, press **■**.
 - To stop music play, press **■** again.

Play from USB device

This Home Theater System plays/views MP3, WMA, DivX (Ultra) or JPEG files on the following USB devices:

- digital camera that complies with the PTP standard
- flash drive
- memory card reader
- HDD (external power source needed)



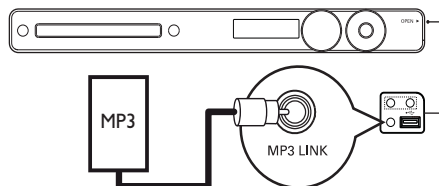
- 1 Connect a USB device to the  (USB) jack.
- 2 Press **USB**.
 - » A contents menu is displayed.
- 3 Select a file to play, then press **▶||**.
 - » Play starts.
 - To stop play, press **■** or remove the USB device.

Note

- If the device does not fit into the USB jack, connect it through a USB extension cable.
- If you connect a multiple USB card/device reader, only one card/device can be accessed.

Play from portable media player

Simply connect your portable media player (e.g. MP3 player) to this Home Theater System to enjoy superb sound quality from your music collections.



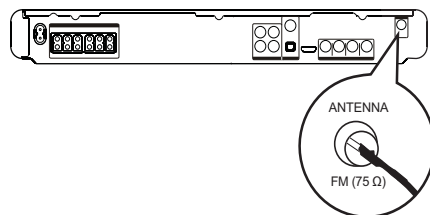
- 1 Connect a 3.5 mm stereo audio cable (not supplied) from the **MP3 LINK** jack on this Home Theater System to the 'headphone' jack on the portable media player.
- 2 Press **AUDIO SOURCE** repeatedly until 'MP3 LINK' is displayed.
- 3 Start play on your portable media player.
 - To stop play, press **STOP** on the portable media player.

Note

- Control playback is only possible on the portable media player.
- Stop play on the portable media player before you switch to other play media/source.

Play from radio

Check if the FM antenna has been connected to this Home Theater System. If not, connect the supplied FM antenna to the **FM75 Ω** jack and fix its ends to the wall.



Tip

- For better FM stereo reception, connect an external FM antenna (not supplied).
- Position the antenna as far away as possible from your TV, VCR or other radiation source to prevent interference.

First time tuning

When you access radio mode for the first time, follow the instructions to install the radio stations.




- 1 Press **RADIO**.
 - » 'AUTO INSTALL ... PRESS PLAY' is displayed.
- 2 Press **▶||**.
 - » All detected radio stations are stored.
 - » Once complete, it tunes to the first preset radio station.
 - To stop auto tuning, press **■**.

Note

- This Home Theater System can store up to a maximum of 40 radio stations.
- If auto installation is not activated or less than 5 radio stations are stored, you will be prompted to install the radio stations again.

Listen to radio

- 1 Press **RADIO**.
- 2 Use the remote control to control the radio.

Button	Action
	Selects a preset radio station.
	Tunes the radio frequency up or down.
	Press and hold this button to erase the current radio station from the preset list. The preset number for other radio stations remain unchanged.







Reinstall all the radio stations

- 1 Press **RADIO**.
- 2 Press and hold **PROGRAM** for more than 5 seconds.
 - » All previously stored radio stations are replaced.

Note

- Check the radio antenna connection if no stereo signal is detected or less than 5 stations are detected during radio installation.

Search and store radio stations individually



- 1 Press **RADIO**.
- 2 Press  / .
 - » It starts searching until a radio station is detected.
- 3 Repeat step 2 until you tune to the radio station you wish to store.
 - To finetune the radio frequency, press  / .
- 4 Press **PROGRAM**.
 - » The preset station number blinks.
 - » If no action is carried out within 20 seconds after the above step, it exits the preset mode.
- 5 Press  /  (or the **Numeric buttons**) to select a preset number to store.
- 6 Press **PROGRAM** to confirm.

Change the tuning grid

In some countries, the frequency step between adjacent channels in FM band is 50 kHz or 100 kHz.

Note

- This feature is only applicable for certain regions.
- Changing the tuning grid erases all preset radio stations.

- 1 Press **RADIO**.
- 2 Press .
- 3 Press and hold  until 'GRID 9' or 'GRID 10' is displayed.
 - » 'GRID 9' for 50 kHz and 'GRID 10' for 100 kHz.


6 Advanced features

Create MP3 audio files


You can convert audio CDs into MP3 audio files with this Home Theater System. The created MP3 audio files are saved in your USB device.

Option	Description
[Speed]	Selects the write-to-file speed. If [Normal] speed is selected, music play can be heard while creating the MP3 file.
[Bitrate]	Selects the quality level. Higher bitrate for better sound quality and bigger file size. Default setting is [128kbps].

CREATE MP3			
OPTIONS		TRACK	
Speed	Normal	<input type="radio"/> Track01	04:14
Bitrate	128kbps	<input type="radio"/> Track02	04:17
		<input type="radio"/> Track03	03:58
		<input type="radio"/> Track04	04:51
		<input type="radio"/> Track05	03:53
SUMMARY		<input type="radio"/> Track06	04:09
Select Track	0	<input type="radio"/> Track07	04:38
Time	00:00		▼
Start	Exit	Select All	Deselect All

- 1 Insert an audio CD. (CDDA/HDCD)
- 2 Connect the USB flash drive to  (USB) jack on this Home Theater System.
- 3 During disc play, press **CREATE MP3**.
- 4 Select the conversion options in the [OPTIONS] panel, then press **OK**.

- 5 Press **▶** to access the [TRACK] panel.
- 6 Select the audio track, then press **OK**.
 - To select another track, repeat step 6.
 - To select all tracks, select [Select All] in the menu and press **OK**.
 - To deselect all tracks, select [Deselect all] in the menu and press **OK**.
- 7 Select [Start] in the menu to convert, then press **OK**.
 - » Once complete, a new folder is created automatically in the USB device to store all the new MP3 files.
 - To exit the menu, select [Exit] and press **OK**.

 Note

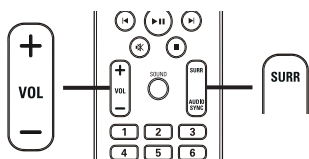
- While you convert, do not press any buttons.
- DTS CDs and copy-protected CDs cannot be converted.
- Write-protected or password-protected USB devices cannot be used to store MP3 files.

7 Adjust sound

Control the volume

- 1 Press **VOL +/-** to increase or decrease the volume.
 - To mute, press **MUTE**.
 - To restore the volume, press **MUTE** again or press **VOL +**.

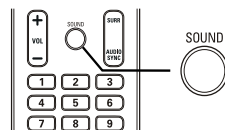
Select surround sound



- 1 Press **SURR** repeatedly to select the best surround output that's available on the disc.

Option	Description
5 CH STEREO	Enhances the stereo channel output by duplicating the sound output to the centre and rear speakers. Ideal for party music.
MULTI-CHANNEL/ DPLII	Multi-channel surround output: DTS (Digital Theatre Systems), Dolby Digital, and Dolby Pro Logic II.
STEREO	Stereo sound from two front speakers.

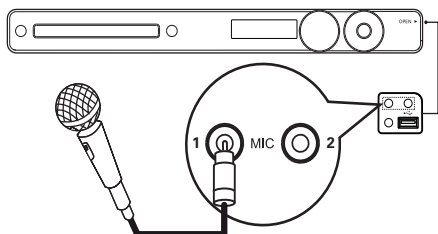
Select a preset sound



- 1 Press **SOUND** repeatedly to select the sound effect that most suitable for the video or music you play.

Video/Music	Description
ACTION / ROCK	Enhance low and high range for great sounding movie effects and atmosphere. Great for action movies and rock/pop music.
CONCERT/ CLASSIC	Flat and pure sound mode. Ideal for listening to classical music and watching live concert disc.
DRAMA / JAZZ	Clear mid and high range. Recreates the atmosphere of a live club with the artist just in front of you. Good for jazz music and watching dramas.
SPORTS	Moderate mid range and surround effects for clear vocals and the atmosphere of a live sports venue. It is also ideal for video gaming.
NIGHT	Dynamically controlled sound mode suitable for watching movies at night or for nonintrusive background music.

Adjusting microphone volume level



- 1 Connect a microphone (not supplied) to the MIC socket on this Home Theater System.
- 2 Turn on the microphone output. (see 'Karaoke settings')
- 3 Press MIC (VOL +/-) to adjust the microphone volume.
 - » 'MIC XX' is displayed.
 - Sing or speak into the microphone to find the desired volume level.

Karaoke settings



- 1 Turn on the TV to the correct viewing channel for this Home Theater System.
- 2 Press KARAOKE.
 - » [Karaoke Setup Page] menu is displayed.
- 3 Select an option and change the setting, then press OK.
 - To exit the menu, press KARAOKE.

[Mic]

Turns microphone output on and off.

- [On] – Turns microphone on.
- [Off] – Turns microphone off.

[Echo Level]

Press ▲▼ to set the echo level.

[Key]

Press ▲▼ to set the pitch level that matches your voice.

[Score]

Selects a karaoke rating score level.

- [Off] – No score rating display.
- [Basic] – Basic rating.
- [Intermediate] – Intermediate rating.
- [Advance] – Advance rating.

Turning vocals off (voice cancel)





- 1 Press VOCAL repeatedly until 'VOICE CANCEL' is displayed.

Note

- You cannot cancel the voice output from MP3 or WMA audio.

8 Adjust settings

You can customise various kinds of settings as you prefer. Refer to the following instructions to navigate through the setup menus.





Symbol	Options
	[General Setup]
	[Audio Setup]
	[Video Setup]
	[Preferences]

Note

- If the setup option is greyed out, it means the setting cannot be changed in the current state.

General setup

General Setup	
EasyLink Setup	
Disc Lock	
Display Dim	
OSD Language	
Screen Saver	
Sleep Timer	
DivX(R) VOD Code	

- 1 Press  **SETUP**.
» [General Setup] menu is displayed.
- 2 Press .
- 3 Select an option, then press **OK**.
- 4 Select a setting, then press **OK**.
 - To return to the previous menu, press  **BACK**.
 - To exit the menu, press  **SETUP**.

Note

- See the explanations of the above options in the following pages.

[EasyLink Setup]

If this Home Theater System is connected to HDMI CEC compliant TV/devices, all connected devices can respond to the following commands simultaneously:

Option	Description
[EasyLink]	Turns off or on all EasyLink features. To disable this feature, select [Off] .
[One Touch Play]	When you press PLAY , the TV and Home Theater System are turned on. Disc play starts if there is a disc in the Home Theater System. To disable this feature, select [Off] .
[One Touch Standby]	When you press and hold STANDBY for at least 3 seconds, the Home Theater System and all the HDMI CEC devices switch to standby simultaneously. To disable this feature, select [Off] .
[System Audio Control]	When you play audio that is routed from the connected devices, this Home Theater System switches to the corresponding audio source automatically. To enable this feature, select [On] . Then proceed to [Audio Input Mapping] to scan and map all the connected devices.
[Audio Input Mapping]	When you map the audio input correctly, this Home Theater System switches to the audio from the played device automatically.

Note

- You must turn on the HDMI CEC operations on the TV/devices before you can enjoy the EasyLink controls. See the TV/devices manual for details.
- Philips does not guarantee 100% interoperability with all HDMI CEC compliant devices.

[Disc Lock]

Sets play restriction for specific discs. Before you start, place the disc in the disc compartment (maximum 40 discs can be locked).

- [Lock]** – Restricts access to the current disc. Once activated, a password is needed to unlock and play the disc.
- [Unlock]** – Plays all discs.

Tip

- You can set or change the password (see 'Adjust settings' > 'Preferences' > **[Password]**).

[Display Dim]

Changes the brightness level of the display panel on this Home Theater System.

- [100%]** – Normal brightness.
- [70%]** – Medium brightness.
- [40%]** – Dimmest display.

[OSD Language]

Selects the default on-screen menu language.

[Screen Saver]

Turns off or on the screen saver mode. Helps to protect the TV screen from being damaged due to over exposure to a static image for too long.

- [On]** – Sets the screen saver to appear after 5 minutes of inactivity (for example, in pause or stop mode).
- [Off]** – Disable screen saver mode.

[Sleep Timer]

Switches to standby automatically after the preset time.

- [15 mins], [30 mins], [45 mins], [60 mins]
– Selects the count down time before the Home Theater System switches to standby.
- [Off] – Disables sleep timer mode.

[DivX(R) VOD Code]






Displays the DivX® registration code.

Tip

- Enter this Home Theater System DivX registration code when you rent or purchase a video from www.divx.com/vod. The DivX videos rented or purchased through the DivX® VOD (Video On Demand) service can be played only on the device to which it is registered.

Audio setup

Audio Setup	
Speakers Volume	
Speakers Delay	
HDMI Audio	
CD Upsampling	
Audio Sync	

- 1 Press  **SETUP**.
» [General Setup] menu is displayed.
- 2 Press  to select [Audio Setup], then press .
- 3 Select an option, then press **OK**.
- 4 Select a setting, then press **OK**.
 - To return to the previous menu, press  **BACK**.
 - To exit the menu, press  **SETUP**.

Note

- See the explanations of the above options in the following pages.

[Speakers Volume]

Sets the volume level of each speaker to get the ideal audio balance.

- 1) To start, press **OK**.
- 2) Select a speaker in the menu, then press **◀▶** to adjust the volume level.
- 3) Press **OK** to confirm and exit.

Note

- The test tone is emitted from the speaker which you adjust.

[Speakers Delay]

Sets the delay time for the centre and rear speakers if they are placed closer to the listening position, so that the sound output from all speakers reaches the listening position at the same time.

- 1) To start, press **OK**.
- 2) Select a speaker in the menu, then press **◀▶** to set the delay time.
- 3) Press **OK** to confirm and exit.

Note

- Allow 1ms setting for every 1 foot distance between the speaker and the listening position.

[HDMI Audio]

Selects the HDMI audio setting when you connect this Home Theater System and the TV with a HDMI cable.

- **[On]** – Allows audio output through the TV and the speaker system. If the audio format on the disc is not supported, it will be downmixed to two-channel sound (linear-PCM).
- **[Off]** – Disables audio output from the TV. The sound is only output through the speaker system.

[CD Upsampling]

Converts the music CD to a higher sampling rate using sophisticated digital signal processing for better sound quality.

- **[Off]** – Disables CD-upsampling.
- **[88.2kHz (X2)]** – Converts the sampling rate of the CDs twice as high as the original rate.

Note

- CD upsampling is only available in stereo mode.

[Audio Sync]

Sets the default delay time for audio output when you play a video disc.

- 1) To start, press **OK**.
- 2) Select a speaker delay in the menu, then press **◀▶** to set the delay time.
- 3) Press **OK** to confirm and exit.

Video setup

Video Setup	
TV System	
TV Display	
Screen Fit	
Picture Setting	
HDMI Setup	
Closed Caption	
Progressive	

- 1 Press **⏏** **SETUP**.
» **[General Setup]** menu is displayed.
- 2 Press **▼** to select **[Video Setup]**, then press **▶**.
- 3 Select an option, then press **OK**.
- 4 Select a setting, then press **OK**.
 - To return to the previous menu, press **↩** **BACK**.
 - To exit the menu, press **⏏** **SETUP**.

Note

- See the explanations of the above options in the following pages.

[TV System]

Change this setting if the video does not appear correctly. By default, this setting matches the most common setting for TVs in your country.

- **[PAL]** – For PAL-system TV.
- **[NTSC]** – For NTSC-system TV.
- **[Multi]** – For TV that is compatible with both PAL and NTSC.

[TV Display]

Selects one of the following display formats:



4:3 Pan Scan (PS)

4:3 Letter Box (LB)

16:9 (Wide Screen)

- **[4:3 Pan Scan]** – For 4:3 screen TV: full-height display with the trimmed sides.
- **[4:3 Letter Box]** – For 4:3 screen TV: wide-screen display with black bars on the top and bottom of the screen.
- **[16:9 Wide Screen]** – For wide-screen TV: display ratio 16:9.

[Screen Fit]

Fits the picture format to the TV screen to enjoy watching disc play in full screen mode.

- **[Select]** – Displays various types of full screen format, press **OK** to select a suitable picture format that best fits to the TV screen.
- **[Off]** – Returns to normal screen display.

[Picture Setting]

Selects a predefined set of picture colour settings or customises the personal setting.

- **[Standard]** – Original colour setting.
- **[Bright]** – Vibrant colour setting.
- **[Soft]** – Warm colour setting.
- **[Personal]** – Customises the colour setting. Set the level of brightness, contrast, sharpness/tint and colour saturation, then press **OK**.

[HDMI Setup]

Selects the HDMI video setting when you connect this Home Theater System and the TV with a HDMI cable.

- **[Wide Screen Format]** – Defines the wide screen format for disc play.

Option	Description
[Superwide]	Centre position of the screen is stretched less than the side. Applicable only to 720p and above video resolution setting.
[4:3 Pillar Box]	No stretching of the picture. Black bars are displayed on both sides of the screen.
[Off]	Picture is displayed according to the format of the disc.



Note

- This setting is only available if you have set the [TV Display] setting to [16:9 Wide Screen].
- **[HDMI Video]** – Selects the HDMI video output resolution that is compatible with your TV display capability.

Option	Description
[Auto]	Detects and selects the best supported video resolution automatically.
[480i], [576i], [480p], [576p], [720p], [1080i], [1080p]	Selects a video resolution that is best supported by the TV. See the TV manual for details.



Note

- If the setting is not compatible with your TV, a blank screen appears. Wait for 15 seconds for auto recover or switch to its default mode as follows: 1) Press **▲**. 2) Press **◀**. 3) Press **ZOOM**.

[Closed Caption]

Turns off or on display captions.

- **[On]** – Shows the sound effects in subtitles. Applicable only to discs with Closed Caption information included and the TV supports this feature.
- **[Off]** – Disables closed caption.

[Progressive]

If the TV supports progressive scan output, you can turn on the progressive scan mode to enhance the picture quality. Video connection through Component Video is required.

- **[On]** – Turns on progressive scan mode.
- **[Off]** – Disables progressive scan mode.



Tip

- There is more detailed description available (see 'Get started' > 'Turn on Progressive Scan').

Preferences

Note

- Stop disc play before you can access [Preferences].

Preferences	
Audio	
Subtitle	
Disc Menu	
Parental	
PBC	
MP3/JPEG Display	
Password	
DivX Subtitle	▼

- 1 Press **SETUP**.
» [General Setup] menu is displayed.
- 2 Press ▼ to select [Preferences], then press ►.
- 3 Select an option, then press **OK**.
- 4 Select a setting, then press **OK**.
 - To return to the previous menu, press **BACK**.
 - To exit the menu, press **SETUP**.

Note

- See the explanations of the above options in the following pages.

[Audio]

Selects the default audio language for disc play.

[Subtitle]

Selects the default subtitle language for disc play.

[Disc Menu]

Selects the language for disc menu.

Note

- If the language you have set is not available on the disc, the disc uses its own default language.
- For some discs, the subtitle/audio language can only be changed from the disc menu.
- To select the languages that are not listed in the menu, select [**Others**]. Then check the Language Code list at the back of this user manual and enter the respective 4-digit language code.

[Parental]

Restricts access to discs that are unsuitable for children. These types of discs must be recorded with ratings.

- 1) Press **OK**.
- 2) Select a rating level, then press **OK**.
- 3) Press the **Numeric buttons** to enter the password.

Note

- Rated discs above the level you set in [Parental] require a password to be played.
- The ratings are country-dependent. To allow all discs to play, select '8'.
- Some discs have ratings printed on them but are not recorded with ratings. This function has no effect on such discs.

Tip

- You can set or change the password (see 'Preferences' > [Password]).

[PBC]

Turns off or on the content menu of VCDs/SVCDs with PBC (playback control) feature.

- **[On]** - Displays index menu when you load a disc for play.
- **[Off]** - Skips the menu and starts play from the first title.

[MP3/JPEG Display]

Selects to display the folders or display all the files.

- **[View Folders]** – Displays the folders of MP3/WMA files.
- **[View Files]** – Displays all the files.

[Password]

Sets or changes the password for locked discs and play restricted DVDs.

Change Password	
Old Password	<input type="password"/>
New Password	<input type="password"/>
Confirm Password	<input type="password"/>
OK	

- 1) Press the **Numeric buttons** to enter '136900' or the last set password at **[Old Password]** field.
- 2) Enter the new password at **[New Password]** field.
- 3) Enter the new password again at **[Confirm Password]** field.
- 4) Press **OK** to exit the menu.

Note

- If you forget the password, enter '136900' before you set a new password.

[DivX Subtitle]

Selects a character set that supports the DivX subtitle.

[Standard]	English, Irish, Danish, Estonian, Finnish, French, German, Italian, Portuguese, Luxembourgish, Norwegian (Bokmål and Nynorsk), Spanish, Swedish, Turkish
[Central Europe]	Polish, Czech, Slovak, Albanian, Hungarian, Slovene, Croatian, Serbian (Latin script), Romanian
[Cyrillic]	Belarusian, Bulgarian, Ukrainian, Macedonian, Russian, Serbian
[Greek]	Greek
[Hebrew]	Hebrew
[Chinese(Simp)]	Simplified Chinese
[Korean]	Korean

Note

- Ensure that the subtitle file has the exact same file name as the movie file. If for example the file name of the movie is 'Movie.avi', then you will need to name the text file 'Movie.sub' or 'Movie.srt'.

[Version Info.]

Displays the software version of this Home Theater System.

Tip

- This information is required when you want to find out if a newer software version is available at the Philips website that you may download and install on this Home Theater System.

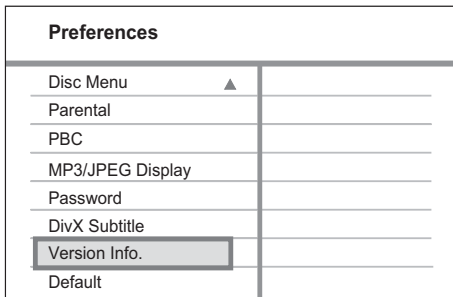
[Default]

Resets all the settings of this Home Theater System to factory default, except for **[Disc Lock]**, **[Password]** and **[Parental]** settings.

9 Additional Information

Update software

To check for new updates, compare the current software version of your Home Theater System with the latest software version (if available) at the Philips website.



- 1 Press **SETUP**.
- 2 Select **[Preferences] > [Version Info.]**, then press **OK**.
- 3 Write down the version number, then press **SETUP** to exit the menu.
- 4 Go to www.philips.com/support to check the latest software version available for this Home Theater System.
- 5 If the latest software version is higher than the software version of this Home Theater System, download it and store onto a CD-R or USB flash drive.
- 6 Insert the CD-R or USB flash drive to this Home Theater System.
- 7 Press **DISC** or **USB**, then follow the instruction on the TV to confirm update operation.
 - » Once software update is complete, this Home Theater System turns off to standby automatically.

Note

- Do not remove the CD-R or USB when software updating is in progress.

- 8 Disconnect the power cord for a few seconds and connect again to reboot the system.

Care

Caution

- Never use solvents such as benzene, thinner, cleaners available commercially or anti-static sprays intended for discs.

Clean discs

Wipe the disc with a micro fibre cleaning cloth from the centre to the edge in a straight line movement.

Clean main unit screen

Wipe the screen surface with a micro fibre cleaning cloth.

10 Specifications

Note

- Specification and design are subject to change without notice

Playback media

- DVD-Video, DVD+R/+RW, DVD-R/-RW, DVD+R DL, CD-R/CD-RW, Audio CD, Video CD/SVCD, Picture CD, MP3-CD, WMA-CD, DivX-CD, USB flash drive

Amplifier

- Total output power:
 - Home Theatre mode:
1200 W RMS (2 X 260 + 4 X 170)
- Frequency response: 40 Hz ~ 20 kHz
- Signal-to-noise ratio:
> 60 dB (A-weighted)
- Input sensitivity:
 - AUX1: 400 mV
 - AUX2: 400 mV
 - MP3 LINK: 250 mV

Disc

- Laser Type: Semiconductor
- Disc diameter: 12 cm / 8 cm
- Video decoding:
MPEG1/ MPEG2 / DivX / DivX Ultra
- Video DAC: 12 bits, 108 MHz
- Signal system: PAL / NTSC
- Video S/N: 56 dB
- Audio DAC: 24 bits / 96 kHz
- Frequency response:
 - 4 Hz~20 kHz (44.1 kHz)
 - 4 Hz~22 kHz (48 kHz)
 - 4 Hz~44 kHz (96 kHz)
- PCM: IEC 60958
- Dolby Digital: IEC 60958, IEC 61937
- DTS: IEC 60958, IEC 61937

Radio

- Tuning range:
FM 87.5-108 MHz (50/100 kHz)
- 26 dB quieting sensitivity: FM 22 dBf
- IF rejection ratio: FM 60 dB
- Signal-to-noise ratio: FM 50 dB
- Harmonic distortion: FM 3%
- Frequency response:
FM 180 Hz~10 kHz / ± 6 dB
- Stereo separation: FM 26 dB (1 kHz)
- Stereo Threshold: FM 29 dB

USB

- Compatibility: High Speed USB (2.0)
- Class support:
UMS (USB Mass Storage Class)
- File system: FAT12, FAT16, FAT32

Main Unit

- Power supply: 110-127 V/220-240 V;
~50-60 Hz switchable
- Power consumption: 200 W
- Standby power consumption: < 1 W
- Dimensions (WxHxD):
435 x 57 x 365 (mm)
- Weight: 3.69 kg

Speakers

- System: full range satellite
- Speaker impedance:
 - Front/Rear: 4 Ohm
 - Centre: 3 Ohm
- Speaker drivers:
 - Centre: 2 X 2.5" woofer + 1 X 2" tweeter
 - Front/Rear: 3" full range
- Frequency response: 150 Hz ~ 20 kHz
- Dimensions (WxHxD):
 - Centre: 440 x 105 x 75 (mm)
 - Front: 103 x 203 x 71 (mm)
 - Rear: 262 x 1199 x 264 (mm)
- Weight:
 - Centre: 1.43 kg
 - Front: 0.58 kg
 - Rear: 3.55 kg

Subwoofer

- Impedance: 3 ohm
- Speaker drivers: 203 mm (8") woofer
- Frequency response: 40 Hz ~ 150 Hz
- Dimensions (WxHxD):
242 x 352 x 360 (mm)
- Weight: 5.76 kg

Laser specification

- Type: Semiconductor laser GaAlAs (CD)
- Wave length: 645–665 nm (DVD),
770–800 nm (CD)
- Output power: 6 mW (DVD),
7 mW (VCD/CD)
- Beam divergence: 60 degrees.

11 Troubleshooting

Warning

- Risk of electric shock. Never remove the casing of the Home Theater System.

To keep the warranty valid, never try to repair the system yourself.

If you encounter problems when using the Home Theater System, check the following points before requesting service. If the problem remains unsolved, register your Home Theater System and get support at www.philips.com/welcome.

If you contact Philips, you will be asked for the model and serial number of your Home Theater System. The model number and serial number are on the back or underside of your Home Theater System. Write the numbers here:

Model No. _____

Serial No. _____

Main unit

The buttons on this Home Theater System do not work.

- Disconnect this Home Theater System from the power outlet for a few minutes, then connect again.

Picture

No picture.

- See TV manual for correct video input channel selection. Change the TV channel until you see the DVD screen.
- Press **DISC**.
- If you have changed the **[TV Display]** setting, switch back to default mode:
 - 1) Press **▲** to open the disc compartment.
 - 2) Press **◀**.
 - 3) Press **SUBTITLE**.
- If you have changed the **[Progressive]** setting, switch back to default mode:
 - 1) Press **▲** to open the disc compartment.
 - 2) Press **◀**.
 - 3) Press **AUDIO SYNC**.

No picture on HDMI connection.

- Check if the HDMI cable is faulty. Replace a new HDMI cable.
- If this happens when you change the HDMI video resolution, you have to switch to its default mode:
 - 1) Press **▲**.
 - 2) Press **◀**.
 - 3) Press **ZOOM**.

Sound

No sound.

- Ensure that the audio cables are connected and press the correct input source (for example, **AUDIO SOURCE**, **USB**) to select the device you want to play.

No sound on HDMI connection.

- Sound cannot transmit through HDMI connection if the connected device is non-HDCP compliant or only DVI-compatible. Make an analogue or digital audio connection.
- Ensure that the [**HDMI Audio**] setting is turned on.

No sound from TV programme.

- Connect an audio cable from the **AUDIO** input on this Home Theater System to the **AUDIO** output on your TV. Then press **AUDIO SOURCE** repeatedly to select the corresponding audio input source.

No surround sound effect from the speakers.

- Press **SURR** to select a correct surround sound setting.
- If the Home Theater System does not support DTS playback, press **AUDIO SYNC** to select other audio track.
- Ensure that the source you are playing is recorded or broadcast in surround sound (Dolby Digital, etc). Sound cannot transmit through HDMI connection if the connected device is non-HDCP compliant or only DVI-compatible. Make an analogue or digital audio connection.

Play

DivX video files cannot be played.

- Ensure that the DivX file is encoded according to the 'Home Theatre Profile' with the DivX encoder.
- Ensure that the DivX video file is complete.

The aspect ratio of the screen is not aligned with the TV display setting.

- The aspect ratio is fixed on the disc.

DivX subtitle does not display correctly.

- Ensure that the subtitle file name is the same as the movie file name.
- Select the correct character set:
 - 1) Press **⏏** **SETUP**.
 - 2) Select [**Preferences**], then press **▶**.
 - 3) Select [**DivX Subtitle**], then press **OK**.
 - 4) Select the character set that supports the subtitle.

The contents of the USB flash drive cannot be read.

- The USB flash drive format is not compatible with this Home Theater System.
- Drive is formatted with different file system which is not supported by this unit (e.g. NTFS).
- Maximum size of memory supported is 160 GB.

12 Glossary

A

Aspect ratio

Aspect ratio refers to the length to height ratio of TV screens. The ratio of a standard TV is 4:3, while the ratio of a high-definition or wide TV is 16:9. The letter box allows you to enjoy a picture with a wider perspective on a standard 4:3 screen.

D

DivX®

The DivX® codec is a patent-pending, MPEG-4 based video compression technology developed by DivX®, Inc. It can shrink the file size of digital video and still maintain high visual quality.

Dolby Digital

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

H

HDCP

High-bandwidth Digital Content Protection. This is a specification that provides a secure transmission of digital contents between different devices (to prevent unauthorised copyright.)

HDMI

High-Definition Multimedia Interface (HDMI) is a high-speed digital interface that can transmit uncompressed high definition video and digital multichannel audio. It delivers high quality picture and sound quality, completely free from noise. HDMI is fully backward-compatible with DVI.

As required by the HDMI standard, connecting to HDMI or DVI products without HDCP (High-bandwidth Digital Content Protection) will result in no Video or Audio output.

J

JPEG

A very common digital still picture format. A still-picture data compression system proposed by the Joint Photographic Expert Group, which causes only a small decrease in image quality in spite of its high compression ratio. Files are recognised by their file extension '.jpg' or '.jpeg'.

M

MP3

A file format with a sound data compression system. MP3 is the abbreviation of Motion Picture Experts Group 1 (or MPEG-1) Audio Layer 3. With the MP3 format, one CD-R or CD-RW can contain about 10 times more data than a regular CD.

MPEG

Motion Picture Experts Group. A collection of compression systems for digital audio and video.

P

PBC

Playback Control. A system where you navigate through a Video CD/Super VCD with on-screen menus that are recorded onto the disc. You can enjoy interactive playback and search.

PCM

Pulse Code Modulation. A digital audio encoding system.

Progressive scan

The progressive scan displays twice as many frames per second as an ordinary TV system. It offers higher picture resolution and quality.

W

WMA

Windows Media™ Audio. Refers to an audio compression technology developed by Microsoft Corporation. WMA data can be encoded with Windows Media player version 9 or Windows Media player for Windows XP. Files are recognised by their file extension '.wma.'

WMV

Windows Media Video. Refers to a video compression technology developed by Microsoft Corporation. WMV content can be encoded by using Windows Media® Encoder 9 series. Files are recognised by their file extension '.wmv'.

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Horário de atendimento: de segunda à sexta-feira, das 08:00 às 20:00h; aos sábados das 08:00 às 13:00h.

**Para atendimento fora do Brasil, contate a Philips local ou a: Philips Consumer Service
Beukenlaan 2 - 5651 CD Eindhoven The Netherlands**

LISTA DE SERVIÇO AUTORIZADO - BRASIL

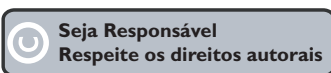
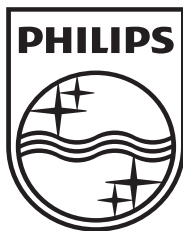
ACRE		CARIACICA	27 3336-0574	DIVINOPOLIS	37 3213-5278	IPORA	44 3652-1126
RIO BRANCO	68 3224-0558	COLATINA	27 3721-3272	DORES DO INDIAIA	37 3551-1094	IRATI	42 3422-1337
ALAGOAS		GUARAPARI	27 3261-3656	FORMIGA	37 3321-1998	LARANJEIRAS SUL	42 3635-3288
ARAÇUAIA	82 3522-2321	LINHARES	27 3372-2000	GOV VALADARES	33 3221-0665	LOANDA	44 3425-1716
MACIPE	82 3221-0188	PINEIROS	27 3765-1117	IPATINGA	31 3822-3125	LONDRINA	43 3323-7993
APEDÁ	82 3551-3893	SAO MATEUS	27 3763-1680	ITABIRA	31 3931-4930	LONDRINA	43 3324-2112
AMAPA		SERRA	27 3337-5494	ITAJAIBA	35 3622-4214	IML CAND RONDON	45 3256-2074
MACAPA	98 3223-2837	VILA VELHA	27 3289-5622	ITUJUBA	34 3261-4555	MARINGA	44 3025-3759
AMAZONAS		VITORIA	27 3323-1363	JANAUBA	38 3821-1110	MARINGA	44 3222-8035
ATOAZATIARA		GOIAS		JOAO MONLEVADE	31 3851-5229	MEDIANEIRA	45 3264-2580
MANAUS	92 3521-2509	ANAPOLIS	62 3098-7587	JOAO PINEIRO	38 3561-4887	NOVA ESPERANCA	44 3252-4431
MANAUS	92 3233-2578	CATALAO	64 3441-2786	JUIZ DE FORA	32 3215-6597	PALOTINA	44 3649-5131
MANAUS	92 3236-1238	FORMOSA	61 3831-4490	JUIZ DE FORA	32 3215-6597	PARANAGUA	41 3422-6566
MANAUS	92 3239-0313	GOJANIA	62 3241-7188	LAVRAS	35 3821-0550	PARANAVAI	44 3422-2182
MANAUS	92 3644-8977	GOJANIA	62 3289-0291	MANTENA	33 3241-2515	PARANAVAI	44 3422-3799
BAHIA		GOJANIA	62 3229-3105	MONTA CARMELO	34 3842-1710	PATO BRANCO	46 3224-4488
BARRERAS	77 3611-2845	GOJANIA	62 3229-2908	NANUQUE	38 3221-7477	PONTA GROSSA	42 3223-1083
BARRERAS	77 3612-4254	GOJANIA	62 3255-5541	PARACATU	38 3871-3014	RIO NEGRO	47 3645-0251
BOM JEJUS LAPA	77 3481-0359	INHUMAS	62 3511-1108	PASSOS	38 3821-8344	SANTA HELENA	45 3268-2194
BRUMADO	77 3441-1421	IPAMERI	64 3491-4377	PATOS DE MINAS	34 3821-4088	SAO JOSE PINHAS	41 3282-3030
CAETITE	77 3454-1183	ITAPURANGA	62 3355-1210	PATROCINIO	34 3831-1445	SAO MIGUEL IGUAÇU	45 3056-1429
CANDÉAS	71 3601-3217	ITUMBARA	64 3431-1990	POCOS DE CALDAS	35 3722-1424	SARANDI	44 3261-1322
CATU	71 3641-1982	LUZIANIA	61 3821-2640	PONTE NOVA	31 3817-3564	STO ANT PLATINA	43 3534-4469
COCERO DANTAS	75 3278-1027	QUIRINOPOLIS	64 3651-1943	POUSO ALEGRE	35 3421-6087	TELEMAGO BORBA	42 3222-2533
CORONADAO COITE	75 3282-3203	RIALMA	62 3391-1320	RAUL SOARES	62 3391-1320	TOLEDO	45 3056-3382
CRUZ DAS ALMAS	75 3621-5120	RIO VERDE	64 3621-1441	SAO JOAO DEL REI	32 3371 9611	UNIBARRA	44 3622-1065
ESPLANADA	75 3427- 2865	RIO VERDE	65 3971-6484	SAO LOURENCO	35 3531-3094	UNIO DA VITORIA	45 3267-2074
EUNAPOLIS	73 3281-2773	STA HELENA DE GO	64 3641-2567	SAO SEBASTIAO PARAISO	35 3531-3094	VERA CRUZ DO OESTE	45 3267-1479
FEIRA DE SANTANA	75 3623-7165	URUAÇU	62 3357-1328	SETE LAGOAS	31 3772-2000	PERNAMBUCO	
GANDU	73 3254-1947	VALPARAIZO DE GOIAS	61 3627-1917	TEOFILO OTONI	33 3621-2158	AFOS INGAZEIRA	87 3838-3185
GUANAMBI	77 3451-2791	MARANHAO		TRES CORACOES	35 3231-3474	ARARIPINA	87 3873-1757
IBICARAÍ	73 3422-1475	ACAILANDA	99 3538-1889	TRES PONTAS	35 3286-1826	ARCOVERDE	87 3821-1346
IPAJU	73 3531-6938	ACALANDIA	99 3621-2794	UBA	32 3532-4202	CABO DE STO AGOSTINHO	81 3521-1823
IRECE	74 3641-2419	CAXIAS	99 3521-2377	UBERABANDA	34 3212-0536	CAMARAGIBE	81 3456-4327
ITABUNA	73 3211-3814	IMPERATRIZ	99 3524-5843	UBERLANDIA	34 3214-3611	CARPINA	81 3621-6740
ITABUNA	73 3211-6324	PINEIRO	99 3881-4202	UNAI	38 3876-1669	CARUARU	81 3721-2231
ITAMARAÍ	73 3294-1742	PRESIDENTE DUTRA	99 3653-1815	VARGEM	35 3227-4334	CARANHINHA	87 3761-1114
ITAPETINGA	77 3261-2405	SANTA INES	88 3653-1986	VICOSA	31 3891-4847	JABOTAO DOS GUARARAPES	81 3361-6175
JACOBINA	74 3621-3607	SAO LUIS	98 3231-6869	PARA		LIMOEIRO	81 3628-1952
JEQUIE	73 3525-2524	SAO LUIS	98 3231-6276	ALTAMIRA	93 3515-1411	OLINDA	81 3429-3909
JUAZEIRO	87 3035-0484	MATO GROSSO		BELEM	91 3225-4185	RECIFE	81 3268-3061
LAURO DE FREITAS	71 3378-4021	ALTO ARAGUAIA	65 481-1200	BELEM	91 3242-1090	RECIFE	81 3325-2156
MURITIBA	75 3424-1024	BARRA DO GARÇAS	66 3401-8947	BELEM	91 3261-8247	RECIFE	81 3222-4154
RIBEIRA POMBAL	75 3276-1495	BARRA DOS GARÇAS	66 3401-1438	BELEM	91 3241-2223	SAO CATAO	81 3738-1818
SALVADOR	71 3261-2028	CACERES	65 3223-1796	BRAGANCA	91 3429-1982	SAO LOURENCO MATA	81 3526-0192
SALVADOR	71 3314-1391	CIJABÁ	65 3971-6484	CIJABANA	91 3462-9229	SERRA TALHADA	87 3531-5579
SALVADOR	71 3232-4761	CIJABA	65 3624-3681	CSTANHAL	91 3721-2145	VITORIA DE STO ANTAO	81 3526-0219
SALVADOR	71 3248-5143	JACARA	66 3461-3334	CONC DO ARAGUAIA	94 3421-1216	PIAUÍ	
SALVADOR	71 3268-5088	LUCAS RIO VERDE	65 3549-1333	MARABÁ	94 3321-3144	PARNAMIBA	86 3321-2135
SALVADOR	71 3351-7586	MIRASSOL D'OESTE	65 3241-1827	OBIDOS	93 547-2116	PICOS	89 3415-5138
SALVADOR	71 3381-2057	PRIMAVEIRA DO LESTE	66 3498-5583	PARAGOMINAS	91 3729-2388	TERESINA	86 3216-5800
SALVADOR	71 3431-4485	RONDONOPOLIS	66 3421-6457	SANTAREM	93 3522-3611	TERESINA	86 3221-4618
SERRINHA DO BONFIM	74 3541-3112	SINOP	66 3531-2491	XINGUARA	94 3426-1091	TERESINA	86 3221-6424
SERNHOS	75 3261-1794	SORRISO	66 3544-1080	PARABA		TERESINA	86 3222-8174
STO ANTO DE JESUS	75 3631-2711	TANGARA DA SERRA	65 3326-3861	CABELO	83 3228-4280	RIO DE JANEIRO	
TEIXEIRA FREITAS	73 3291-8286	MATO GROSSO DO SUL		CAJAZERAS	83 3531-3469	ARRARÁ	22 2665-5154
VALENCA	75 3641-9615	CAMPO GRANDE	67 382-6088	CAMPINA GRANDE	83 3321-2128	BARRA MANSÁ	24 3323-4440
VIT DA CONQUISTA	77 3422-3243	CAMPO GRANDE	67 3384-4480	CAMPINA GRANDE	83 3341-4734	BELFORD ROXO	21 2761-3072
CEARÁ		CORUMBÁ	67 3231-4490	GUARABIRA	83 3271-3035	BOM JESUS DO ITABAPONA	21 3831-2216
ARACATI	88 3421-4484	DOURADOS	67 3421-7117	JOAO PESSOA	83 3221-4800	CABO FRO	22 2643-0104
CRATEUS	88 3691-0019	DOURADOS	67 3424-2179	PATOS	83 3421-4514	CABO FRO	22 2643-0180
CRATO	88 3521-2818	NOVA ANDRADINA	67 3441-3775	SOUZA	83 3521-1978	CAMPOS DOS GOYTACAZES	22 2723-7140
FORTALEZA	85 3268-3912	PONTA PORA	67 3431-2020	APUCARANA	43 3422-4244	DUQUE DE CAXIAS	21 2671-1732
FORTALEZA	85 3231-7373	RIO BRILHANTE	67 3452-2036	ARAPONGAS	43 3252-3880	ITAPERUNA	22 3622-0025
FORTALEZA	85 3244-6276	TERENOS	67 3246-0003	ASTORGA	44 3234-3662	MACHÉ	22 2797-2430
FORTALEZA	85 4056-8655	MINAS GERAIS		CAMPOLARGO	41 3032-7215	MACE	21 3739-6719
IBIPATÁ	88 3653-1223	ABATE	37 3541-3211	CAMPO MOURAO	44 3523-3952	NITEROI	21 2717-0224
IGUAÇU	88 3581-0203	ARAGUARI	34 3241-6026	CAPANEMA	46 3552-2250	NOVA FRIBURGO	22 2523-9657
IPU	88 3683-1766	ARAXÁ	34 3661-2688	CASCAVEL	45 3224-1445	NOVA IGUAÇU	21 2668-3727
ITAPOICÓ	88 3631-2030	ARCOS	37 351-2872	CASCAVEL	45 3225-3435	PETROPOLIS	24 2422-1841
JUAZEIRO NORTE	88 3512-2120	BARBACENA	32 3331-0802	CASTRO	42 3232-1135	RESENDE	24 3354-2500
RUSSAS	88 3611-4855	BELO HORIZONTE	31 3201-8958	CIANORTE	44 3628-3884	RIO BONITO	21 2734-2201
SOBRAL	88 3671-3336	BELO HORIZONTE	31 3225-4066	CORN PROCOPIO	43 3524-1954	RIO DAS OSTRAS	22 2771-3195
TIANGUA	88 3634-1233	BETIM	31 3532-2088	CURITIBA	41 3289-2745	RIO DE JANEIRO	21 2443-9014
UBAJARA		CAMPO BELLO	35 3832-8134	CURITIBA	41 3019-1211	RIO DE JANEIRO	21 2208-0897
DISTRITO FEDERAL		CARANGOLÁ	32 3741-2017	CURITIBA	41 3036-1525	RIO DE JANEIRO	21 2421-1127
BRASILIA	61 3224-7862	CARATINGA	33 3231-9899	CURITIBA	41 3224-8008	RIO DE JANEIRO	21 2251-1031
BRASILIA	61 3245-5758	CASSIA	35 3541-2293	CURITIBA	41 3333-4764	RIO DE JANEIRO	21 2259-4548
BRASILIA	61 3346-0529	CATAGUASES	32 3421-4755	CURITIBA	41 3352-2325	RIO DE JANEIRO	21 2270-7241
BRASILIA	61 3371-6090	CEL FABRICIANO	31 3841-3824	DOIS VIZINHOS	46 3536-2208	RIO DE JANEIRO	21 2280-4338
BRASILIA	61 3556-4840	CONSELHEIRO LAFAIETE	31 3761-4083	FOZ DO IGUAÇU	45 3208-5061	RIO DE JANEIRO	21 2281-1443
BRASILIA	61 3562-8287	CONTAGEM	31 3351-6671	FRANCISCO BELTRAO	46 3523-3700	RIO DE JANEIRO	21 2289-7599
ESPIRITO SANTO		CONTAGEM	31 3391-2994	GUARAPUAVA	42 3823-5325	RIO DE JANEIRO	21 2401-7262
AFONSO CLAUDIO	27 3735-1207	CURVELLO	38 3721-7194	IBAITI	43 3546-1162	RIO DE JANEIRO	21 2452-3430
CACHOEIRA DO ITAPEMIRIM	28 3522-3528	DIAMANTINA	38 3531-3411	IBIPORA	43 3526-1649	RIO DE JANEIRO	21 2484-3488

LISTA DE SERVIÇO AUTORIZADO - BRASIL

RIO DE JANEIRO	21 2527-9532	URUGUAIANA	55 3411-4343	CAMPINAS	19 3234-8163	SAO JOSE CAMPOS	12 3684-8056
RIO DE JANEIRO	21 2545-7526	VACARIA	54 3231-3899	CAMPOS DO JORDAO	22 3622-3899	SAO JOSE DO RIO PARDO	19 3981-3862
RIO DE JANEIRO	21 2558-3109	VENANCIO AIRES	51 3741-1443	CAPOA BONITO	15 3542-1898	SAO JOSE DO RIO PRETO	17 3233-4036
RIO DE JANEIRO	21 2589-9276	VERANOPOLIS	54 3441-1909	CAPIVARI	19 3491-2403	SAO JOSE DO RIO PRETO	17 3234-6688
RIO DE JANEIRO	21 2595-5583			CARAGUATATUBA	12 3882-6249	SAO MANUEL	14 3841-4984
RIO DE JANEIRO	21 2329-2300	RONDÔNIA		CATANDUVA	17 3523-5252	SAO PAULO	11 2097-3077
RIO DE JANEIRO	21 3332-7983	ARIQUEMES	69 3535-5365	CERQUELHO	15 3384-4659	SAO PAULO	11 2281-8624
RIO DE JANEIRO	21 3379-2827	BURITIS	69 3238-3030	CHARQUEADA	19 3688-0981	SAO PAULO	19 3937-1566
RIO DE JANEIRO	21 3393-6099	CACOL	69 3443-3017	COSMOPOLIS	15 3378-1113	SAO PAULO	11 2852-2081
RIO DE JANEIRO	21 3394-2599	JARU	69 3521-2313	COTIA	11 4703-7738	SAO PAULO	11 3852-3443
RIO DE JANEIRO	21 3396-4540	JI PARANA	69 3421-5599	CRUZEIRO	12 3414-1256	SAO PAULO	11 3855-3688
SAO GONCALO	21 2701-3828	JI PARANA	69 3421-0451	DIADEMA	11 4044-3033	SAO PAULO	11 3915-5599
SAO GONCALO	21 3119-4588	PIMENTA BUENO	69 3451-2291	DRACENA	18 3821-1851	SAO PAULO	11 5453-8628
SAO JOAO MERITI	21 2758-7137	PORTO VELHO	69 3221-3191	ESP STO PINHAL	19 3651-4767	SAO PAULO	11 5891-6186
TERESOPOLIS	21 2742-7398			FERNANDOPOLIS	17 3463-2384	SAO PAULO	11 2115-4889
TRES RIOS	24 2252-1456	ROSIARIA		FRANCA	16 3722-3898	SAO PAULO	11 2215-6667
VOLTA REDONDA	24 3342-5930	BOA VISTA	95 3625-6199	FRANCO DA ROCHA	11 4449-3800	SAO PAULO	11 2221-0630
		SANTA CATARINA		GUARATINGUETA	12 3132-2611	SAO PAULO	11 2296-4622
RIO GRANDE DO NORTE		ALFREDO WAGNER	48 3276-1420	GUARULHOS	11 2408-0753	SAO PAULO	11 2257-7654
CAICO	84 3411-1096	ARARANGUAIA	48 3522-0304	GUARULHOS	11 2422-7555	SAO PAULO	11 2703-6116
CURRAS NOVOS	84 3431-2398	BALNEARIO CAMBORIU	48 3323-0708	IBITINGA	16 3342-2198	SAO PAULO	11 2191-8074
MOSSORO	84 3318-4114	BLUMENAU	47 3322-7742	INDAIATUBA	19 3875-1623	SAO PAULO	11 2943-3511
NATAL	84 3212-2227	BRUSQUE	47 3251-2095	ITAPETINGUA	15 3271-2583	SAO PAULO	11 2947-7098
NATAL	84 3213-2345	CABI	49 3648-0256	ITAPEVA	15 3521-4458	SAO PAULO	11 2958-4199
NATAL	84 3213-4034	CANONHAS	47 3622-3615	ITAPIRA	19 3863-1335	SAO PAULO	11 2961-9903
NATAL	84 3222-4795	CAPINZAL	49 3555-2286	ITAQUAJOCETUBA	11 6442-9510	SAO PAULO	11 2967-3407
		CHAPECO	49 3322-3304	ITARARE	15 3323-4012	SAO PAULO	11 2979-1184
RIO GRANDE DO SUL		CHAPECO	49 3323-4887	ITU	11 4023-0866	SAO PAULO	11 3062-1588
ARVOREZINHA	51 3772-2018	CONCORDIA	49 3242-0859	ITUIVERAVA	16 3729-2585	SAO PAULO	11 3115-0845
BAGE	53 3242-5391	CRICIUMA	48 3433-0269	JACAREI	16 3202-1217	SAO PAULO	11 3207-3852
BENTO GONCALVES	54 3055 9673	CRICIUMA	48 3433-7370	JACUPIRANGA	12 3852-5320	SAO PAULO	11 3209-2328
CAÇOEIROS	55 3254-1465	CLUNIA PORA	49 3646-0043	JALES	17 3632-1195	SAO PAULO	11 3225-8677
CACHOEIRINHA	51 3041-6055	CURITIBANOS	49 3245-6556	JAU	13 3266-4223	SAO PAULO	11 3229-8995
CAMADUA	51 3671-5878	CURITIBANOS	49 3221-0200	JAU	14 3622-7450	SAO PAULO	11 3268-5028
CAMPINAS DO SUL	54 3366-1300	FLORIANOPOLIS	48 3225-3600	JAU	14 3622-7450	SAO PAULO	11 3283-3587
CAMPO BOM	51 3597-1336	FRAIBURGO	49 3246-2121	JUNDIAI	11 4587-7792	SAO PAULO	11 3326-1834
CANOAS	51 3031-4408	IBIRAMA	47 3357-2174	LANANJAL PTA	15 2383-2588	SAO PAULO	11 3714-4282
CANOAS	51 3429-2094	ICARA	48 3432-3108	LEME	19 3791-6055	SAO PAULO	11 3726-7805
CARAZINHO	54 3330-3048	ITAIOPOLIS	47 3652-1572	LENCOIS PAULISTA	14 3263-0758	SAO PAULO	11 3742-3347
CAXIAS DO SUL	54 3536-7040	ITAJAI	47 3241-9698	LIMEIRA	19 3441-2622	SAO PAULO	11 3771-2224
CERRO LARGO	55 3359-2102	ITAJAI	47 3344-7777	LINS	14 3522-3988	SAO PAULO	11 3774-4218
CHOROQUEADAS	51 9906-5272	JACUPIRANGA	47 3275-4147	LORENA	12 3153-2166	SAO PAULO	11 3865-5704
CHROQUEADAS	51 9906-5272	JARAGUA DO SUL	47 3275-4147	MARLIA	14 3422-3671	SAO PAULO	11 3851-6096
CONSTANTINA	51 3554-1539	JOACABA	49 3522-0373	MATAO	16 3394-3212	SAO PAULO	11 3872-5097
DOIS IRMADOS	53 243-2265	JOINVILLE	47 3433-1148	MAUA	11 4541-4977	SAO PAULO	11 3965-8995
DOM PEDRITO	53 243-2265	JOINVILLE	47 3436-2525	MOCOCA	19 3665-5780	SAO PAULO	11 3975-1955
ENCANTADO	51 3751-3489	LAGES	49 3222-3638	MOGI DAS CRUZES	11 4790-8094	SAO PAULO	11 5011-5353
ERECHIM	54 3231-1933	MARAVILHA	49 3664-0052	MOGI MIRIM	19 3862-4561	SAO PAULO	11 5041-6549
ERECHIM	54 522-3218	ORLEANS	48 3426-0674	ORLANDIA	48 3426-1944	SAO PAULO	11 5055-2839
FARROPIUHA	54 3268-3845	PINHALZINHO	49 3366-1014	ORLANDIA	16 3826-1944	SAO PAULO	11 5061-0075
FLORES DA CUNHA	54 3292-2192	RIO DO SUL	47 3521-2396	OSASCO	12 3882-8983	SAO PAULO	11 5506-6122
GETULIO VARGAS	54 3341-1426	RIO NEGRO	47 3644-0979	OSASCO	11 3887-9000	SAO PAULO	11 5551-3889
GRAMADO	54 3286-2350	SAO BENTO DO SUL	47 3635-0939	OSVALDO CRUZ	16 3526-2155	SAO PAULO	11 5564-4250
GRAVATAI	51 3489-2509	SAO JOSE	48 3246-0789	OURINHOS	12 3422-3662	SAO PAULO	11 5575-5889
IBIRAMA	55 3742-1399	SAO LOURENCO OESTE	49 3344-1217	PARAGUACU PTA	19 3361-7621	SAO PAULO	11 5594-6014
IBIRAMA	55 3742-1399	SAO MIGUEL DOESTE	49 3622-0975	PEDERNEIRAS	14 3252-2529	SAO PAULO	11 5651-4494
IJUÍ	55 3333-6522	SEARA	49 3452-1417	PENAPOLIS	18 3652-1639	SAO PAULO	11 5666-2975
IMBÉ	51 3627-5449	TULUCAS	48 3263-0069	PINDAMONHANGABA	12 3642-3738	SAO PAULO	11 5687-1952
LAGOA VERMELHA	54 3358-2459	TIMBO	47 3382-0949	PIRACICABA	19 3422-8885	SAO PAULO	11 4784-6785
LAJEADO	51 3714-5155	TUBARAO	48 3622-1126	PIRASSUNINGA	50 3651-7201	SAO SEBASTIAO	12 3892-2572
MARAU	54 3342-2656	TUBARAO	48 3622-1933	PORTO FERREIRA	19 3581-5207	SAO VICENTE	13 3467-1598
NAO ME TOQUE	54 3332-1605	TURVO	48 3525-0172	PRAIA GRANDE	13 3473-1260	SERTAOZINHO	13 3462-2002
NONOAI	54 3242-1328	VAXEIRA	49 566-7171	PREES ERITACIO	18 3281-6877	SOROCABA	13 3272-9728
NOVA PRATA	54 3242-1328	XANXERE	49 3433-3026	PRES PRUDENTE	12 3222-6269	STA BARBARA DOESTE	19 3473-1302
NOVO HAMBURGO	51 3593-5978			PRES PRUDENTE	19 3222-9386	SUMARE	19 3973-6486
OSORIO	51 3663-2127	SAO PAULO		RIBEIRAO PIRES	11 4623-1085	SUZANO	11 4748-2075
PALMEIRA MISSOES	55 3742-2344	AGUAS DE LINDOIA	18 3521-3262	RIBEIRAO PRETO	16 3810-6989	TABOAO DA SERRA	11 4138-4548
PASSO FUNDO	54 3311-4565	AMERICANA	19 3804-1524	RIBEIRAO PRETO	16 3836-8156	TABOAO DA SERRA	11 4701-7929
PELOTAS	53 3225-5247	AMPARO	19 3807-4121	RIBEIRAO PRETO	16 3836-8156	TATUI	13 3295-5670
PORTO ALEGRE	51 3062-5932	ARACATUBA	18 3824-4964	RIO CLARO	19 3524-5901	Taubate	12 3632-6652
PORTO ALEGRE	51 3217-9658	ARARAQUARA	16 3336-7154	RIO CLARO	18 3524-7526	TIEETE	15 3282-2283
PORTO ALEGRE	51 3228-4648	ARARAS	19 3541-3118	ROSAÑA	18 3288-1469	VALINHOS	19 3871-1624
PORTO ALEGRE	51 3233-6206	ARTUR NOGUEIRA	19 3627-5410	SALTO	11 4026-7896	VARGEM GDE PTA	11 4158-1003
PORTO ALEGRE	51 3332-7507	ARUAJA	11 4655-4935	SANTA FE DO SUL	17 3631-1873	VARGEM GDE SUL	19 3841-1342
PORTO ALEGRE	51 3348-6870	ASSIS	16 3324-2682	SANTA ISABEL	11 4657-1112	VINHEDO	19 3870-3608
QUARAÍ	55 3423-1561	ATIBAIA	11 4412-1125	SANTANA DE PARNAIBA	11 4705-2622	VOTORANTIM	13 3434-6666
ROSARIO DO SUL	55 3231-1177	AVARE	14 3732-4233	SANTO ANDRE	11 4692-6663	VOTUPORANGA	17 3241-1159
SANTA MARIA	55 3222-8868	BARRA BONITA	14 3641-0689	SANTOS	12 3227-2947		
SANTA ROSA	55 3511-1414	BARULIERI	11 4198-1338	SANTOS	13 3235-5544	SERGIPE	
SANTO ANJO	55 3251-1483	BAURER	14 3223-2210	SAO BERNARDO CAMPO	11 4198-5460	ARACAJU	19 3317-1611
SANTO ANGELO	55 3212-1861	BAURUR	14 3232-2485	SAO BERNARDO CAMPO	11 4121-6922	ARACAJU	19 3241-5543
SÃO BARRA	55 3431-2083	BAURUR	17 3342-4894	SAO BERNARDO CAMPO	11 4121-7000	ITABIANA	19 3491-2991
SÃO LEOPOLDO	51 3589-1210	BEBEDOURO	18 3644-0500	SAO CAETANO DO SUL	11 3565-4748		
SÃO LUIZ GONZAGA	55 3352-1538	BIRIGUI	15 3263-4022	SAO CAETANO DO SUL	11 4221-4334	TOCANTINS	
SÃO MARCOS	54 3291-1357	BOITUVA	14 3815-5044	SAO CAETANO DO SUL	11 4224-2040	ARAGUAINHA	63 3414-4210
SARANDI	54 3361-1138	BOUCATU	14 3815-6007	SAO CARLOS	16 3871-4076	PALMAS	63 3421-1442
SOLEDADE	54 3811-1449	BOUCATU	11 4814-1262	SAO JOAO BOA VISTA	19 3623-5695		
STA CRUZ DO SUL	51 3715-3048	BRAGANCA PTA	12 3653-6944	SAO JOAO BARRA	16 3728-4118		
TAPEJARA	54 3344-1012	CACAPAVA		SAO JOSE CAMPOS	12 3921-0673		
TAQUARA	51 3542-3605						
TORRES	51 9811-4301						
TRES PASSOS	55 3522-1295						

Language code

Abkhazian	6566	Inupiaq	7375	Pusho	8083
Afar	6565	Irish	7165	Russian	8285
Afrikaans	6570	Íslenska	7383	Quechua	8185
Amharic	6577	Italiano	7384	Raeto-Romance	8277
Arabic	6582	Ivrit	7269	Romanian	8279
Armenian	7289	Japanese	7465	Rundi	8278
Assamese	6583	Javanese	7486	Samoan	8377
Avestan	6569	Kalaallisut	7576	Sango	8371
Aymara	6589	Kannada	7578	Sanskrit	8365
Azerhijani	6590	Kashmiri	7583	Sardinian	8367
Bahasa Melayu	7783	Kazakh	7575	Serbian	8382
Bashkir	6665	Kernewek	7587	Shona	8378
Belarusian	6669	Khmer	7577	Shqip	8381
Bengali	6678	Kinyarwanda	8287	Sindhi	8368
Bihari	6672	Kirghiz	7589	Sinhalese	8373
Bislama	6673	Komi	7586	Slovensky	8373
Bokmål, Norwegian	7866	Korean	7579	Slovenian	8376
Bosanski	6683	Kuanyama; Kwanyama	7574	Somali	8379
Brezhoneg	6682	Kurdish	7585	Sotho; Southern	8384
Bulgarian	6671	Lao	7679	South Ndebele	7882
Burmese	7789	Latina	7665	Sundanese	8385
Castellano, Español	6983	Latvian	7686	Suomi	7073
Catalán	6765	Letzeburgesch;	7666	Swahili	8387
Chamorro	6772	Limburgan; Limburger	7673	Swati	8383
Chechen	6769	Lingala	7678	Svenska	8386
Chewa; Chichewa; Nyanja	7889	Lithuanian	7684	Tagalog	8476
中文	9072	Luxembourgish;	7666	Tahitian	8489
Chuang; Zhuang	9065	Macedonian	7775	Tajik	8471
Church Slavic; Slavonic	6785	Malagasy	7771	Tamil	8465
Chuvash	6786	Magyar	7285	Tatar	8484
Corsican	6779	Malayalam	7776	Telugu	8469
Česky	6783	Maltese	7784	Thai	8472
Dansk	6865	Manx	7186	Tibetan	6679
Deutsch	6869	Maori	7773	Tigrinya	8473
Dzongkha	6890	Marathi	7782	Tonga (Tonga Islands)	8479
English	6978	Marshallese	7772	Tsonga	8483
Esperanto	6979	Moldavian	7779	Tswana	8478
Estonian	6984	Mongolian	7778	Türkçe	8482
Euskara	6985	Nauru	7865	Turkmen	8475
Ελληνικά	6976	Navaho; Navajo	7886	Twi	8487
Faroese	7079	Ndebele, North	7868	Uighur	8571
Français	7082	Ndebele, South	7882	Ukrainian	8575
Frysk	7089	Ndonga	7871	Urdu	8582
Fijian	7074	Nederlands	7876	Uzbek	8590
Gaelic; Scottish Gaelic	7168	Nepali	7869	Vietnamese	8673
Gallegan	7176	Norsk	7879	Volapuk	8679
Georgian	7565	Northern Sami	8369	Walloon	8765
Gikuyu; Kikuyu	7573	North Ndebele	7868	Welsh	6789
Guarani	7178	Norwegian Nynorsk;	7878	Wolof	8779
Gujarati	7185	Occitan; Provençal	7967	Xhosa	8872
Hausa	7265	Old Bulgarian; Old Slavonic	6785	Yiddish	8973
Herero	7290	Oriya	7982	Yoruba	8979
Hindi	7273	Oromo	7977	Zulu	9085
Hiri Motu	7279	Ossetian; Ossetic	7983		
Hrvatski	6779	Pali	8073		
Ido	7379	Panjabi	8065		
Interlingua (International)	7365	Persian	7065		
Interlingue	7365	Polski	8076		
Inuktitut	7385	Português	8084		



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