www.philips.com/welcome

HTS3551



EN	User manual
ES	Manual del usuario
PT-BR	Manual do Usuário



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1 Help and support

Find answers to many frequently answered questions (FAQs) on your product at www.philips.com.

FAQs

If you have a problem, refer to the frequently asked questions (FAQs) for this home theater at www.philips.com/support.

If you still need help, contact Philips Consumer Care in your country.



Warning

 Do not attempt to repair your home theater yourself. This may cause severe injury, irreparable damage to your home theater, or void your warranty.

Contact Philips

If you contact Philips, you will be asked for the model and serial number of your product. The model number and serial number are on the back or bottom of your product. Note the numbers before you call Philips:

Model No	
Serial No	

2 Notice

This section contains the legal and trademark notices.

Copyright



Be responsible Respect copyrights

This item incorporates copy protection technology that is protected by U.S. patents and other intellectual property rights of Rovi Corporation. Reverse engineering and disassembly are prohibited.

Copyright in the UK

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

Compliance



This product is in compliance with the essential requirements and other relevant provisions of Directives 2006/95/EC (Low Voltage), 2004/108/EC (EMC).

Mains fuse (UK only)

This information applies only to products with a UK mains plug.

This product is fitted with an approved molded plug. If you replace the fuse, use one with:

- · the ratings shown on the plug,
- a BS 1362 approval, and
- the ASTA approval mark.

Contact your dealer if you are not sure about what type of fuse to use.

Caution: To conform with the EMC directive (2004/108/EC), do not detach the plug from the power cord.

Open source software

Philips Electronics Singapore Pte Ltd hereby offers to deliver, upon request, a copy of the complete corresponding source code for the copyrighted open source software packages used in this product for which such offer is requested by the respective licenses. This offer is valid up to three years after product purchase to anyone in receipt of this information. To obtain source code, please contact open.source@philips.com. If you prefer not to use email or if you do not receive confirmation receipt within a week after mailing to this email address, please write to "Open Source Team, Philips Intellectual Property & Standards, P.O. Box 220, 5600 AE Eindhoven, The Netherlands". If you do not receive timely confirmation of your letter, please email to the email address above. The texts of the licenses and acknowledgements for open source software used in this product are included on a separate leaflet.

Trademarks



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BONUSVIEW™

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x.v.Colour

'x.v.Colour' is a trademark of Sony Corporation.



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ABOUT DIVX VIDEO: DivX ® is a digital video format created by DivX, Inc. This is an official DivX Certified ® device that plays DivX video. Visit divx.com for more information and software tools to convert your files into DivX video.

ABOUT DIVX VIDEO-ON-DEMAND: This DivX Certified * device must be registered in order to play purchased DivX Video-on-Demand (VOD) movies. To obtain your registration code, locate the DivX VOD section in your device setup menu. Go to vod.divx.com for more information on how to complete your registration.



HDMI, the HDMI logo, and High-Definition Multimedia Interface are trademarks or registered trademarks of HDMI licensing LLC in the United States and other countries.

CLASS 1 LASER PRODUCT

3 Important

Read and understand all instructions before you use your home theater. If damage is caused by failure to follow instructions, the warranty does not apply.

Safety

Risk of electric shock or fire!

- Never expose the product and accessories to rain or water. Never place liquid containers, such as vases, near the product. If liquids are spilt on or into the product, disconnect it from the power outlet immediately. Contact Philips Consumer Care to have the product checked before
- Never place the product and accessories near naked flames or other heat sources, including direct sunlight.
- Never insert objects into the ventilation slots or other openings on the product.
- Where the mains plug or an appliance coupler is used as the disconnect device, the disconnect device shall remain readily operable.
- Disconnect the product from the power outlet before lightning storms.
- When you disconnect the power cord, always pull the plug, never the cable.

Risk of short circuit or fire!

 Before you connect the product to the power outlet, ensure that the power voltage matches the value printed on the back or bottom of the product. Never connect the product to the power outlet if the voltage is different.

Risk of injury or damage to the home theater!

- For wall-mountable products, use only the supplied wall mount bracket. Secure the wall mount to a wall that can support the combined weight of the product and the wall mount. Koninklijke Philips Electronics N.V. bears no responsibility for improper wall mounting that results in accident, injury or damage.
- For speakers with stands, use only the supplied stands. Secure the stands to the speakers tightly. Place the assembled stands on flat, level surfaces that can support the combined weight of the speaker and stand.

- Never place the product or any objects on power cords or on other electrical equipment.
- If the product is transported in temperatures below 5°C, unpack the product and wait until its temperature matches room temperature before connecting it to the power outlet.
- Visible and invisible laser radiation when open. Avoid exposure to beam.
- Do not touch the disc optical lens inside the disc compartment.
- Parts of this product can be made of glass. Handle with care to avoid injury and damage.

Risk of overheating!

 Never install this product in a confined space. Always leave a space of at least four inches around the product for ventilation. Ensure curtains or other objects never cover the ventilation slots on the product.

Risk of contamination!

- 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 of properly.

Risk of swallowing batteries!

 The product/remote control may contain a coin type battery, which can be swallowed.
 Keep the battery out of reach of children at all times!

Care for your product

- Do not insert any objects other than discs into the disc compartment.
- Do not insert warped or cracked discs into the disc compartment.
- Remove discs from the disc compartment if you are not using the product for an extended period of time.
- Use only microfiber cloth to clean the product.

Care of the environment



Your product is designed and manufactured with high quality materials and components, which can be recycled and reused.



When this crossed-out wheeled bin symbol is attached to a product it means that the product is covered by the European Directive 2002/96/ EC. Please inform yourself about the local separate collection system for electrical and electronic products.

Please act according to your local rules and do not dispose of your old products with your normal household waste.

Correct disposal of your old product helps to prevent potential negative consequences for the environment and human health.



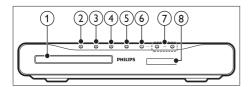
Your product contains batteries covered by the European Directive 2006/66/EC, which cannot be disposed with normal household waste.

Please inform yourself about the local rules on separate collection of batteries because correct disposal helps to prevent negative consequences for the environmental and human health.

4 Your home theater

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

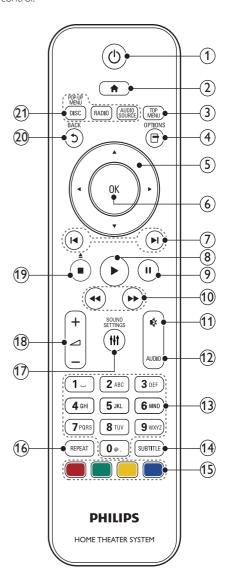
Main unit



- 1 Disc compartment
- (2) ▲ (Open/Close)
 Open or close the disc compartment, or eject the disc.
- ③ ►II (Play/Pause) Start, pause or resume play.
- (Stop)
 Stop play.
- (5) \circlearrowleft (Standby-On) Switch the home theater on or to standby.
- (6) SOURCE Select an audio or video source for the home theater.
- 7 4+/Increase or decrease volume.
- 8 Display panel

Remote control

This section includes an overview of the remote control.



1 (Standby-On)

- Switch the home theater on or to standby.
- When EasyLink is enabled, press and hold for at least three seconds to switch all connected HDMI CEC compliant devices to standby.
- (2) **A** (Home)

Access the home menu.

3 TOP MENU

Access the main menu of a disc.

4 ☐ (Options)

Access more play options while playing a disc or a USB storage device.

- (5) Navigation buttons
 - Navigate menus.
 - In radio mode, press left or right to start auto search.
 - In radio mode, press up or down to tune the radio frequency.
- 6 OK

Confirm an entry or selection.

- (7) I ✓ / ►I (Previous/Next)
 - Skip to the previous or next track, chapter or file.
 - In radio mode, select a preset radio station.
- (8) ► (Play) Start or resume play.
- 9 II (Pause)
 Pause play.
- (10) ◀◀ / ▶▶ (Fast Backward / Fast Forward) Search backwards or forward. Press repeatedly to change the search speed.
- (11) **♦ (Mute)**Mute or restore volume.
- (12) AUDIO Select an audio language or channel.
- (3) Numeric buttons
 Enter values or letters (using SMS style entry).
- (14) SUBTITLE
 Select subtitle language for video.
- (15) Color buttons
 Select tasks or options for Blu-ray discs.

- (16) REPEAT
 - Select or turn off repeat mode.
 - In radio mode, set a radio station.
- (17) HI SOUND SETTINGS

Access or exit sound options.

18 4/- (Volume)

Increase or decrease volume.

- 19 **■** (Stop)
 - Stop play.
 - Press and hold for three seconds to open or close the disc compartment, or eject the disc.
- (20) **→** BACK
 - Return to a previous menu screen.
 - In radio mode, press and hold to erase the current preset radio stations.
- (21) Source buttons
 - DISC / POP-UP MENU: Access or exit the disc menu when you play a disc.
 - RADIO: Switch to FM radio.
 - AUDIO SOURCE: Select an audio input source.

EasyLink controls

With Easylink, you can control your home theater and the TV with the following buttons on your home theater remote control (see 'EasyLink' on page 23).

- Ø (Standby-On): Press and hold to switch your home theater, TV and the connected devices to standby.
- P(Play): When a video disc is in the disc compartment, wake up the TV from standby, and then play a disc.

5 Connect your home theater

This section helps you connect your home theater to a TV and other devices.

For information about the basic connections of your home theater and accessories, see the quick start guide. For a comprehensive interactive guide, see www.connectivityguide.philips.com.



Note

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

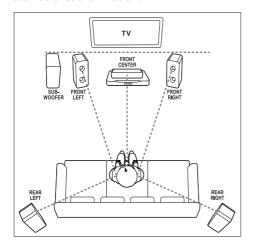
Speakers

Position, connect, and set up your speakers for best surround sound.

Position

Speaker position plays a critical role in setting up a surround sound effect.

For best results, place your speakers and the subwoofer as shown below.





Note

 Surround sound depends on factors such as room shape and size, type of wall and ceiling, windows and reflective surfaces, and speaker acoustics. Experiment with the speaker positions to find the optimum setting for you.

Follow these general guidelines, and then set up your speakers.

- **1** Seating position:
- This is the center of your listening area.
- 2 FRONT CENTER (front center) speaker: Place the center speaker directly in front of the seating position, either above or below your TV. Make sure that it is close to your ear height when you are seated.
- 3 FRONT LEFT (front left) and FRONT RIGHT (front right) speakers:

Place the left and right speakers in the front, and equidistant from the center speaker in an arc, so that all the three speakers are at same distance from your seating position. For best effect, point the speakers towards the seating position and place the speakers close to the ear level (when seated).

- 4 REAR LEFT (rear left) and REAR RIGHT (rear right) speakers:
 - Place the rear surround speakers to the left and right side of your seating position, either in line with it or slightly behind it. For best effect, point the speakers towards the seating position and place the speakers just above the ear level (when seated).
- 5 SUBWOOFER (subwoofer):

Place the subwoofer at least one meter to the left or right of the TV. Leave about ten centimeter clearance from the wall.

Connect

Connect your speakers and the subwoofer to your home theater as described in the quick start guide.

Setup

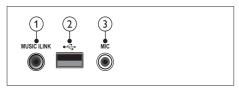
Set up your speakers through the speaker setup menu.

- 1 Connect your speakers and subwoofer as described in the Quick start guide.
- 2 Press ♠ (Home) on your home theater remote control, and select [Setup] > [Audio] > [Speaker Setup].
- 3 Enter the distance for each speaker, and then listen to the test tones and change the volume. Experiment a little with the speaker positions to find the ideal setting.

Connectors

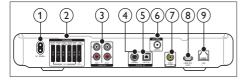
Connect other devices to your home theater.

Front



- (1) MUSIC iLINK
 Audio input from an MP3 player.
- (3) MIC Audio input from a microphone.

Back connectors



- 1 AC MAINS~ Connect to the power supply.
- 2 SPEAKERS

 Connect to the supplied speakers and subwoofer

3 AUDIO IN (AUX 1 and AUX 2)

Connect to an analog audio output on the TV or an analog device.

(4) DIGITAL IN-COAXIAL

Connect to a coaxial audio output on the TV or a digital device.

(5) DIGITAL IN-OPTICAL

Connect to an optical audio output on the TV or a digital device.

(6) ANTENNA FM 75 Ω

Signal input from an antenna, cable or satellite.

(7) VIDEO OUT-VIDEO

Connect to the composite video input on the TV.

8 HDMI OUT (ARC)

Connect to the HDMI input on the TV.

9 LAN

Connect to the LAN input on a broadband modem or router.

Side right



(1) MIC LEVEL

Press to push out the microphone volume knob

Connect to TV

Connect your home theater to a TV to watch videos. You can listen to audio from TV programs through your home theater speakers. Use the best quality connection available on your home theater and TV.

Option 1: Connect to TV through HDMI (ARC)

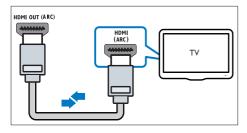
Best quality video

Your home theater supports HDMI version 1.4 - Audio Return Channel (ARC). If your TV is HDMI ARC compliant, connect your home theater to the TV through the HDMI ARC connection for easy and quick setup.

With HDMI ARC, you do not need an additional audio cable to play audio from TV through your home theater.

1 Using a High Speed HDMI cable, connect the HDMI OUT (ARC) connector on your home theater to the HDMI ARC connector on the TV.

The **HDMI ARC** connector on the TV might be labeled HDMI IN or HDMI. For details on TV connectors, see the TV user manual



- On your TV, turn on HDMI-CEC. For details, see the TV user manual.
 - → When you play a disc on your home theater, the video is automatically displayed on TV and the audio is automatically played on the home theater.
- If audio from the TV does not play automatically on your home theater, set up the audio manually (see 'Set up audio for connected devices' on page 14).

Option 2: Connect to TV through HDMI

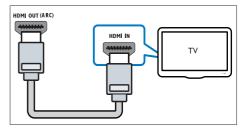
Best quality video

If your TV is not HDMI ARC compliant, connect your home theater to the TV through a standard HDMI connection

With a standard HDMI connection, you need an additional audio cable to play the audio from the TV through your home theater (see 'Connect audio from TV and other devices' on page 13).

1 Using a High Speed HDMI cable, connect the HDMI OUT (ARC) connector on your home theater to the **HDMI** connector on the TV.

> The HDMI connector on the TV might be labeled HDMI IN.



- On your TV, turn on HDMI-CEC. For details, see the TV user manual.
 - → When you play a disc on your home theater, the video is automatically displayed on TV and the audio is automatically played on the home theater.
- To play audio from TV programs through your home theater, connect an additional audio cable (see 'Connect audio from TV and other devices' on page 13).
- If audio from the TV does not play automatically on your home theater, set up the audio manually (see 'Set up audio for connected devices' on page 14).



Note

• If your TV has a DVI connector, you can use an HDMI/DVI adapter to connect to TV.

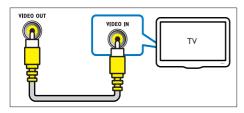
Option 3: Connect to the TV through composite video

Basic quality video

If your TV does not have HDMI connectors, connect your home theater to the TV through a composite connection. A composite connection does not support high-definition video.

With a composite connection, you need an additional audio cable to play the audio from the TV through your home theater (see 'Connect audio from TV and other devices' on page 13).

Using a composite video cable, connect the VIDEO connector on your home theater to the composite video connector on the TV. The composite video connector might be labeled AV IN, VIDEO IN, COMPOSITE, or BASEBAND.



- 2 On your TV, switch to the correct video input.
- To play audio from TV programs through your home theater, connect an additional audio cable (see 'Connect audio from TV and other devices' on page 13).

On your home theater, press **SOURCE** repeatedly to select the correct audio input.

Connect audio from TV and other devices

Play audio from TV or other devices through your home theater.

Use the best quality connection available on your TV, home theater, and other devices.



Note

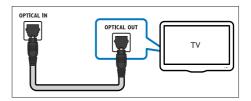
- The audio connections in this user manual are only recommendations. You can use other connections too.
- When your home theater and TV are connected through HDMI ARC, an audio connection is not required.

Option 1: Connect audio through a digital optical cable

Best quality audio

Using an optical cable, connect the **OPTICAL** connector on your home theater to the **OPTICAL OUT** connector on the TV or other device.

The digital optical connector might be labeled SPDIF. SPDIF OUT. or OPTICAL.

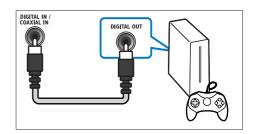


Option 2: Connect audio through a digital coaxial cable

Good quality audio

Using a coaxial cable, connect the COAXIAL connector on your home theater to the COAXIAL/DIGITAL OUT connector on the TV or other device.

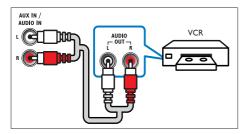
The digital coaxial connector might be labeled **DIGITAL AUDIO OUT**.



Option 3: Connect audio through analog audio cables

Basic quality audio

Using an analog cable, connect the AUX connectors on your home theater to the AUDIO OUT connectors on the TV or other device.



Set up audio for connected devices

When you connect a device to your home theater, check the audio settings.

- On your TV and other devices, turn on HDMI-CEC. For details, see the user manual of the TV and the other device.
- Select 'Amplifier' from the TV speakers menu. For details, see the TV user manual.
- 3 On your home theater, turn on System Audio Control, and then map the audio of the connected device to the correct connectors on your home theater (see 'Play audio from home theater' on page 23).

If the connected device is not HDMI-CEC compliant, press **SOURCE** repeatedly on your home theater to select the correct audio input.

Internet

Connect your home theater to the internet and enjoy:

- YouTube videos:Browse, search, and watch YouTube videos through the Internet (see 'YouTube videos' on page 22).
- Picasa web albums: Access, search, and view photos stored in your Picasa web albums through the Internet (see 'Picasa Web Albums' on page 22).
- BD-Live applications: Access exclusive services from the BD-Live enabled Blu-ray discs (see 'BD-Live on Blu-ray' on page 17).
- Software update: update the home theater software through the network (see 'Update software through the Internet' on page 27).



Caution

 Before you try to connect the home theater to a computer network, familiarize yourself with the network router, media server software and networking principles. If necessary, read documentation that accompanies the network components. Philips is not responsible for lost, damaged, or corrupt data.

Wired connection

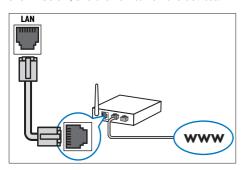
Connect your home theater to your router through a network cable.

What you need

- A network router (with DHCP enabled).
- A network cable (RJ45 straight cable).
- For BD-Live application and software update, make sure that the network router has access to the Internet and the firewall is disabled.

Set up the wired network

Connect your home theater to your router as shown below, and then switch on the devices.



- 1 Connect the home theater to a network router through a wired connection (see 'Wired connection' on page 14).
- 2 Turn on your TV, and switch to the correct source for the home theater.
- 3 Press ♠ (Home).
- 4 Select [Setup], and then press OK.
- 5 Select [Network] > [Network Installation] > [Wired (Ethernet)], and then press OK.
- 6 Follow the instructions on the TV to complete the setup.
 - → The home theater connects to the internet. If connection fails, select [Retry], and then press OK.
- 7 Select [Finish], and then press OK to exit.

Check wired network settings

- 1 Press ♠ (Home).
 - Select [Setup], and then press OK.
- Select [Network] > [View Network Settings], and then press OK.
 - → The current network settings are displayed.

6 Use your home theater

This section helps you use the home theater to play media from a wide range of sources.

Before you start

- Make the necessary connections described in the Quick start guide and the user manual.
- Switch the TV to the correct source for the home theater.

Choose sound

This section helps you choose the ideal sound for your video or music.

- 1 Press Ht SOUND SETTINGS.
- 2 Press Navigation buttons (left/ right) to access the sound options on the display.

Sound settings	Description
SOUND	Select a sound mode.
SURROUND	Select surround sound or stereo sound.
TREBLE	Change the high frequency output.
BASS	Change the low frequency output.
AUD SYNC	Delay the audio to match the video.
ECHO	Add echo to your music.

- 3 Select an option, and then press OK.
- Press → BACK to exit.
 If you do not press a button within five

seconds, the menu exits automatically.

15

Sound mode

Select predefined sound modes to suit your video or music.

- Press III SOUND SETTINGS.
 - Select **SOUND**, and then press **OK**.
 - Press the Navigation buttons (up/down) to select a setting on the display:
 - MOVIE: Enjoy a truly cinematic audio experience, specially enhanced for
 - **MUSIC**: Recreate the original recording environment of your music, in the studio or at a concert.
 - **ORIGINAL**: Experience the original sound of your movies and music, without added sound effects.
 - **NEWS**: Hear every word with optimized speech and clear vocals.
 - **GAMING**: Enjoy thrilling arcade sounds, ideal for action-packed video games or loud parties.
- Press **OK** to confirm.

Surround sound mode

Experience an immersive audio experience with surround sound modes.

- 1 Press # SOUND SETTINGS.
 - Select **SURROUND**, and then press **OK**.
- Press the Navigation buttons (up/down) to select a setting on the display:
 - AUTO: Surround sound based on the audio stream.
 - MULTI-CH: Immersive multi-channel sound for an enhanced movie experience.
 - **STEREO**: Two-channel stereo sound. Ideal for listening to music.
- Press **OK** to confirm.

Equalizer

Change the high frequency (treble) and low frequency (bass) settings of the home theater.

- Press Ht SOUND SETTINGS
- ን Select TREBLE or BASS, and then press
- Press the Navigation buttons (up/down) to change the frequency.
- Press **OK** to confirm.

Discs

Your home theater can play DVDs, VCDs, CDs, and Blu-ray discs. It can also play discs that you've made at home, such as CD-R discs of photos and music.

What you need

For audio or 2D video:

- Audio and video connection between your home theater and the TV.
- An audio or a video disc

Play discs

- Insert a disc into the home theater.
 - → YourTV switches to the correct source and the disc plays automatically.
- 2 If the disc does not play automatically, press **DISC** or select [play Disc] in the home menu, and then press OK.
- Press the play buttons to control play (see 'Play buttons' on page 16).

Play buttons	
Button	Action
Navigation buttons	Navigate menus.
OK	Confirm an entry or selection.
► (Play)	Start or resume play.
П	Pause play.
	Stop play.
I ◀/▶ I	Skip to the previous or next track, chapter or file.
◄◄ / ▶▶	Fast backwards or fast forwards. Press repeatedly to change the search speed.
Navigation buttons (up/ down)	Rotate the picture clockwise or counter-clockwise.
SUBTITLE	Select subtitle language for video.
DISC/ POP-UP MENU	Access or exit the disc menu.
(Options)	Access the advanced options when you play your audio, video, or media files (see 'Audio, video, and picture

options' on page 19).

For video formats such as DivX:

- To stop play, press ■.
- To resume the video from where you stopped, press ► (Play).
- To play the video from the start, press **OK**.

Display menu for VCD and SVCD

Display the content menu on VCD and SVCD discs

- 1 Press **\Pi** (Home).
- 2 Select [Setup] > [Preference], and then press OK.
- 3 Select [VCD PBC] > [On], and then press OK.



Note

• To skip the content menu, select [Off].

Synchronize picture and sound

If the audio and video are not synchronized, delay the audio to match the video.

- 1 Press HI SOUND SETTINGS.
- 2 Select AUD SYNC, and then press OK.
- Press the **Navigation buttons** (up/down) to synchronize the audio with the video.
- 4 Press **OK** to confirm.

Bonus View on Blu-ray

On Blu-ray discs that support the Bonus View, enjoy extra content, such as a director's commentary, while you watch the main feature. Bonus View is also known as picture-in-picture.

- 1 Enable BonusView (or Picture-In-Picture) in the Blu-ray disc menu.
- While you play the main feature, press (Options).
 - → The options menu is displayed.
- 3 Select [PIP Selection] > [PIP], and then press OK.
 - → Depending on the video, PIP option [1] or [2] is displayed.
 - → The picture-in-picture video is displayed in a small window.

- 4 Select [2nd Audio Language] or [2nd Subtitle Language], and then press OK.
- 5 Select the language, and then press OK.



Note

 To turn off the Bonus View, press ⊕ (Options), select [PIP Selection] > [Off], and then press OK.

BD-Live on Blu-ray

On Blu-ray discs with BD-Live content, access additional features, such as internet chats with the director, latest movie trailers, games, wallpaper, and ringtones.

What you need

- a Blu-ray disc with BD-Live content
- · an internet connection
- a USB storage device, with at least 1GB of memory



Note

- BD-Live services vary from country to country, and depend on the disc.
- When you use BD-Live, data on the disc and home theater are accessed by the content provider.

Access BD-Live with a USB storage device

- 1 Connect your home theater to the home network and internet (see 'Internet' on page 14).
- 2 Connect the USB storage device to the home theater.
 - The USB storage device is used to store the downloaded BD-Live content
- **3** Select the BD-Live icon in the disc menu, and then press **OK**.
 - → BD-Live starts to load. The loading time depends on the disc and your internet connection.
- 4 Press the Navigation buttons to navigate BD-Live, and then press OK to select an item.

Clear memory

If your storage device does not have enough memory for the BD-Live content, clear the memory on the storage device.

- 1 Press ♠ (Home).
- 2 Select [Setup], and then press OK.
- 3 Select [Advanced] > [Clear memory], and then press OK.
 - → This clears the local memory and deletes the BD-Live files that you downloaded on your storage device.

Disable BD-Live

To restrict access to BD-Live, turn on the BD-Live security.

- 1 Press **\(\Pi\)** (Home).
- Select [Setup], and then press OK.
- Select [Advanced] > [BD-Live security] > [On], and then press OK.
 - → BD-Live access is restricted.



 You cannot restrict internet access on commercial Blu-ray discs.

USB storage devices

Enjoy pictures, audio and video on a USB storage device.

What you need

- A USB storage device that is formatted for FAT or NTFS file systems, and complies with the Mass Storage Class.
- A USB extension cable, if the USB storage device does not fit into the connector.



Note

- You can use digital cameras connected by USB if they can play the files without using a special computer program.
- To play DivX DRM protected files from a USB storage device, connect your home theater to a TV through an HDMI cable.

Play files

- 1 Connect the USB storage device to the home theater.
- 2 Press ♠ (Home).
 - → The home menu is displayed.
- 3 Select [browse USB], and then press OK.
 - → A content browser is displayed.
- 4 Select a file, and then press **OK**.
- Press the playback buttons to control play (see 'Play buttons' on page 16).

DivX

Play DivX videos from:

- a disc (see 'Discs' on page 16),
- a USB storage device (see 'USB storage devices' on page 18).



Note

 To play DivX DRM protected files from a disc or a USB storage device, connect your home theater to a TV through an HDMI cable.

VOD code for DivX

Before you purchase DivX videos and play them on your home theater, register the home theater on www.divx.com using the DivX VOD code.

- 1 Press ♠ (Home).
- Select [Setup], and then press OK.
- 3 Select [Advanced] > [DivX® VOD Code], and then press OK.
 - → The DivX VOD registration code for your home theater is displayed.

Subtitles

If your video has subtitles in multiple languages, select a subtitle language.

While playing video, press **SUBTITLE** to select a language.



Note

- Make sure that the subtitle file has the same name as the video file. For example, if the video file is named 'movie.avi', save the subtitle file as 'movie.srt' or 'movie.sub'.
- Your home theater can play subtitle files in the following formats: .srt, .sub, .txt, .ssa, .ass, smi, and .sami. These files do not appear in the file navigation menu.
- If the subtitles do not appear correctly, change the character set.

Subtitle character set

If the subtitles do not appear correctly, change the character set that supports the DivX subtitle.

- 1 Press (Options).
 - → The options menu is displayed.
- Press the Navigation buttons to select [Character Set], and then press OK.
- **3** Select a character set.

Europe, India, and Russia

Character Set	Language
[Standard]	English, Albanian, Danish, Dutch, Finnish, French, Gaelic, German, Italian, Kurdish (Latin), Norwegian, Portuguese, Spanish, Swedish and Turkish
[Central Europe]	Albanian, Croat, Czech, Dutch, English, German, Hungarian, Irish, Polish, Romanian, Slovak, Slovene and Sorbian
[Cyrillic]	Bulgarian, Belorussian, English, Macedonian, Moldavian, Russian, Serbian and Ukrainian
[Greek]	Greek

Audio, video, and picture options

Use advanced features when you play audio, video, or media files from a disc or a USB storage device.

Audio options

While playing audio, repeat an audio track, a disc, or a folder.

- 1 Press (Options) repeatedly to cycle through the following functions:
 - RPT TRACK / RPT FILE : Repeat the current track or file.
 - RPT DISC / RPT FOLDER : Repeat all the tracks on the disc or the folder.
 - **RPT RANDOM**: Play audio tracks in random order.
 - RPT OFF: Turn off the repeat mode.

Video options

While watching video, select options such as subtitles, audio language, time search, and picture settings. Depending on the video source, some options are not available.

- **1** Press **□** (**Options**).
 - → The video options menu appears.
- Press the Navigation buttons and OK to select and adjust:
 - [Audio Language]: Select audio language for video.
 - [Subtitle Language]: Select subtitle language for video.
 - [Info]: Display information about what is playing.
 - [Character Set]: Select a character set that supports the DivX subtitle.
 - [Time Search]: Skip to a specific part of the video by entering the time of the scene.
 - [2nd Audio Language]: Select the second audio language for Blu-ray video.
 - [2nd Subtitle Language]: Select the second subtitle language for Blu-ray video.
 - [Titles]: Select a specific title.
 - [Chapters]: Select a specific chapter.
 - [Angle List]: Select a different camera angle.

- [Menus]: Display the disc menu.
- [PIP Selection]: Display Picture-in-Picture window when playing a Blu-ray disc that supports the Bonus View.
- [Zoom]: Zoom into a video scene or picture. Press the Navigation buttons (left/right) to select a zoom factor.
- [Repeat]: Repeat a chapter or title.
- [Repeat A-B]: Mark two points within a chapter or track to repeat play, or turn off the repeat mode.
- [Picture Settings]: Select a predefined color setting.

Picture options

While viewing a picture, zoom into the picture, rotate it, add animation to a slideshow, and change the picture settings.

- 1 Press (Options).
 - → The pictures options menu appears.
- 2 Press the Navigation buttons and OK to select and adjust:
 - [Rotate +90]: Rotate the picture 90 degree clockwise.
 - **[Rotate -90]**: Rotate the picture 90 degree counter-clockwise.
 - [Zoom]: Zoom into a video scene or picture. Press the Navigation buttons (left/right) to select a zoom factor.
 - [Info]: Display picture information.
 - [Duration per slide]: Select the display speed for each picture in a slide show.
 - [Slide Animation]: Select animation for the slide show.
 - [Picture Settings]: Select a predefined color setting.
 - **[Repeat]**: Repeat a selected folder.

Slideshows

While playing audio, access fun features such as picture and musical slideshows.

Picture slideshows

View a slideshow of your pictures stored in your disc or a USB storage device.

- 1 Select a picture from a disc or USB storage device, and then press ▶ (Play).
- 2 Press **(Options)**.

- Press Navigation buttons and OK to select the following settings:
 - [Slide Animation]: Select an animation for the slideshow.
 - [Duration per slide]: Select a display speed for each picture in a slideshow.
- 4 Press to stop the slideshow.

Musical slideshows

Create a musical slideshow to play music and pictures at the same time.

- Select a music track, and then press **OK**.
- Press S BACK, and go to the picture
- 3 Select a picture, and then press ► (Play) to start the slideshow.
- **4** Press to stop slideshow.
- 5 Press again to stop music.

Radio

Listen to FM radio on your home theater, and store up to 40 radio stations.

What you need

FM antenna.



Note

- AM and digital radio are not supported.
- If no stereo signal is detected, you are prompted to install the radio stations again.
- For the best reception, place the antenna away from the TV or other sources of radiation.

Tune stations

- 1 Connect the FM antenna as described in the Quick start guide.
- 2 Press RADIO.
 - → If you have already installed the radio stations, the last channel that you listened to is played.
 - If you have not installed any radio stations, the message AUTO INSTALL... PRESS PLAY appears on the display panel. Press ▶ (Play).
- 3 Press the following buttons to listen or to change radio stations:

Button	Action
 	Select a preset radio station.
Navigation buttons (left/ right)	Search for a radio station.
Navigation buttons (up/ down)	Fine tune a radio frequency.
	Press to stop the installation of radio stations.
REPEAT	Manual: Press once to access program mode, and press again to store the radio station. Automatic: Press and hold for three seconds to reinstall the radio stations.
RADIO	Toggle between the stereo and mono sounds.

Listen to radio

- 1 Press RADIO.
 - To listen to a preset station, press I
 or ►I.
 - To search for a radio station, and then listen, press Navigation buttons (left/ right).
- Press +/- (Volume) to change the volume.

Tuning grid

In some countries, you can toggle the FM tuning grid between 50 kHz and 100 kHz. Switching the tuning grid erases all preset radio stations.

- 1 Press RADIO.
- 2 Press ■.
- Press and hold ► (Play) to toggle between 50 kHz or 100 kHz

MP3 player

Connect your MP3 player to play your audio files or music.

What you need

- An MP3 player.
- A 3.5mm stereo audio cable.

Play music

- 1 Connect the MP3 player to the home theater as described in the Quick start guide.
- Press AUDIO SOURCE repeatedly until 'MUSIC I-LINK' appears on the display panel.
- 3 Press the buttons on the MP3 player to select and play audio files or music.

Karaoke

Play a Karaoke disc on your home theater and sing along with the music.

What you need

- A Karaoke microphone.
- Karaoke discs.



Note

 To prevent loud feedback or unexpected noise, turn the microphone volume to the minimum before you connect the microphone to your home theater.

Play karaoke music

- 1 Connect a karaoke microphone to the MIC connector on your home theater.
- 2 Switch your TV to the correct source for your home theater.
- Play a karaoke disc and sing through the microphone.
 - To adjust the echo level, press OII (Sound options), select [Echo], and then press OK.
 - To adjust the microphone volume, press MIC LEVEL, and then turn the volume knob.
 - To adjust the level of the audio source, press ✓ +/- (Volume).

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YouTube videos

Browse, search, and watch YouTube videos through your home theater.

- Connect your home theater to the Internet (see 'Internet' on page 14).
- Press **(Home)**.
- Select the YouTube icon, and then press
 - → The default YouTube Leanback page is displayed.
- To navigate the YouTube Leanback menu and select options, press the Navigation buttons, and then press OK.
- To exit YouTube and return to the home menu, press **n** (Home).



Note

· If you don't press any button for few seconds, the onscreen buttons and menu disappear.

Play and search buttons

Button	Action
Navigation buttons (up)	Display the onscreen keyboard. Use the onscreen keyboard to search for a video.
Navigation buttons (down)	Display the onscreen play buttons.
Navigation buttons (left/ right)	While browsing the video playlist, select the previous or next video. Select the onscreen play buttons to play the video.
OK	Confirm an entry or selection.
► (Play)	Start or resume play.
II	Pause play.
	Stop play.
I4 / ▶I	Skip to the previous or next video.
44 / >>	Skip backwards or forwards while playing video.

Picasa Web Albums

Access, search, and view photos stored in your Picasa Web Albums through your home theater.

What you need

- An account with Picasa Web Albums.
- A wired or wireless home network (depending on the network capability of your home theater).
- Connect your home theater to the Internet.
- Press **\Pi** (Home).
- Select the Picasa icon, and then press OK.
 - → The default Picasa menu is displayed.
- Log in to the Picasa Web Albums using your Picasa web account.
 - The first time you log in, select New User+, and then enter your username and password. Save your login data for easy access later.
 - If you have logged in before, select a stored username and enter the password.
 - Press the alphanumeric keys on the remote control to enter your username and password.
- Press the Navigation buttons to select one of the following, and then press OK.
 - My Photos: Display thumbnails of the photos saved in your Picasa Web Albums.
 - Featured: Display thumbnails of featured photos from Picasa website.
 - Friends: Display the list of friends.
 - Search: Search photos based on keywords.
 - Favorites: Display the favorite albums from your Picasa Web Albums.
 - Tag: Display the photos that are tagged in the Picasa Web Albums.
- Press **\Phi** (Home) to exit Picasa menu.

View albums and slideshows

- Press the Navigation buttons to select My Photos from the Picasa menu, and then press OK.
 - → The photo albums in your Picasa Web Albums are displayed.
- Press the Navigation buttons to select a photo, and then press **OK** to view the photo in full screen.

- Press OK again to view the photos in a slideshow.
- 4 While viewing a slideshow, press ≡ OPTIONS and Navigation buttons to select one of the following, and then press OK:
 - Current playing: Display the index of the current photo.
 - Slideshow pause/ play: Select to pause or play a slideshow.
 - Rotate: Select to rotate the current photo.
 - Zoom: Select to zoom in or zoom out the photo.
 - Effect: Select a slideshow effect.
 - Speed: Select a slideshow speed.
 - Friends: Add the owner of the current photo to the friends list.
- 5 Press SACK to return to the previous screen.

EasyLink

The home theater supports Philips EasyLink, which uses the HDMI-CEC (Consumer Electronics Control) protocol. EasyLink-compliant devices that are connected through HDMI can be controlled by a single remote control.

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

What you need

- HDMI-CEC compliant devices.
- An HDMI connection between the connected devices.

Switch on

- On the TV and other connected devices, turn on the HDMI-CEC operations. For details, see the manual of the TV or other devices.
- Press ♠ (Home).
- 3 Select [Setup], and then press OK.
- 4 Select [EasyLink] > [EasyLink], and then press OK.
- 5 Select [On], and then press OK.

Control devices

Control the home theater and the other connected HDMI-CEC compliant devices with a single remote control.

One-touch play

If you enable One-touch play, the TV automatically switches to the correct channel when you play a disc in your home theater.

One-touch standby

When you press and hold Φ (Standby) on the remote control, the home theater and all the connected HDMI-CEC devices (that support one-touch standby) switch to the standby mode. If one-touch standby is enabled on your home theater, you can switch to standby with the remote control of the TV or other HDMI-CEC devices.

System Audio Control

When you play a device that has its audio output routed to the home theater, the home theater switches to the corresponding audio source automatically.

To use one-touch audio, turn on System Audio Control and follow the instructions on the TV to map connected devices to the audio input connectors of the home theater.

Audio Input Mapping

When you connect a new device to your home theater, map the device to the audio input connector (see 'Play audio from home theater' on page 23).

Play audio from home theater

Play the audio from a connected device through your home theater.

- 1 Press ♠ (Home).
- 2 Select [Setup], and then press OK.
- Select [EasyLink] > [System Audio Control] > [On], and then press OK.
 - To play the audio from the TV speakers, select [Off], and skip the following steps.
- 4 Select [EasyLink] > [Audio Input Mapping], and then press OK.
- 5 Follow the instructions on the TV to map the audio of the connected device to the audio inputs on your home theater.



Note

 If you connect your home theater to the TV through an HDMI ARC connection, make sure that the TV audio is mapped to the ARC input on your home theater.

7 Change settings

This section helps you to change the settings of your home theater.



Caution

 Most of the settings are already configured with the best value for your home theater.
 Unless you have a reason to change a setting, it is best to leave it at the default value.



Note

- · You cannot change a setting that is grayed out.
- To return to the previous menu, press

 BACK. To exit the menu, press ♠ (Home).

Picture

Change the picture settings to suit your preferences.



Note

 The best setting is automatically selected for the TV. If you change the setting, make sure that the TV supports the new settings.

Picture settings and format

- 1 Press ♠ (Home).
- Select [Setup], and then press OK.
- Select [Video], and then press OK.
 - Change the following settings, and then press **OK**:
 - **[TV Display]**: Picture format.
 - [Picture Settings]: Predefined color settings.

Picture color

Deep Color recreates the natural world on your TV screen and displays vivid images in over a billion of colors.

If your TV supports Deep Color and is connected to your home theater through an HDMI cable, you can change the Deep Color.

- 1 Press ♠ (Home).
- 2 Select [Setup], and then press OK.
- 3 Select [Video] > [HDMI Deep Color], and then press OK.
- 4 Select the following options, and then press OK:
 - [Auto]: Automatically select HDMI Deep Color.
 - [On]: View vivid images.
 - [Off]: Display standard 8-bit color.

Picture resolution

For HDMI video settings, connect your home theater to the TV through an HDMI cable.

- 1 Press ♠ (Home).
- 2 Select [Setup], and then press OK.
- 3 Select [Video] > [HDMI Video], and then press OK.
- 4 Change the HDMI resolution setting, and then press **OK**.

Sound

Change the sound settings to suit your preference.

HDMI audio

To hear an HDMI audio output from your TV, connect your home theater to the TV through an HDMI cable.

- 1 Press ♠ (Home).
- 2 Select [Setup], and then press OK.
- 3 Select [Audio] > [HDMI Audio], and then press OK.
- 4 Select the following options, and then press **OK**:
 - [Bitstream]: Enable bitstream output over HDMI.
 - [Auto]: Automatically select the best supported audio format.
 - **[Off]**: Disable audio from the TV.

Night mode

For quiet listening, decrease the volume of loud sounds when you play discs. Night mode is only available for Dolby-encoded DVD and Blu-ray discs.

- 1 Press ♠ (Home).
- 2 Select [Setup], and then press OK.
- 3 Select [Audio] > [Night Mode] > [On], and then press OK.

Language

Select a language for the home menu, audio, and subtitles.

Home menu

- 1 Press ♠ (Home).
- 2 Select [Setup], and then press OK.
- 3 Select [Preference] > [Menu language], and then press OK.
- 4 Select a menu language, and then press OK.

Disc audio

- 1 Press ♠ (Home).
- 2 Select [Setup], and then press OK.
- Select [Preference] > [Audio], and then press OK.
- 4 Select an audio language for discs, and then press **OK**.



- If your preferred disc language is not available, select [Others] from the list, and enter the 4-digit language code found at the end of this user manual.
- If you select a language that is not available on a disc, the home theater uses the default language of the disc.

Disc subtitle

- 1 Press ♠ (Home).
- Select [Setup], and then press OK.

 Select [Preference] > [Subtitle], and then
- press OK.
- 4 Select a subtitle language for discs, and then press **OK**.

Disc menu

- 1 Press ♠ (Home).
- 2 Select [Setup], and then press OK.
- 3 Select [Preference] > [Disc Menu], and then press OK.
- 4 Select a menu language for discs, and then press **OK**.



Note

- If your preferred disc language is not available, select [Other] from the list, and enter the 4-digit language code found at the the end of this user manual.
- If you select a language that is not available on a disc, the home theater uses the default language of the disc.

Parental control

Restrict access to discs that are recorded with ratings.

Password

You can set or change your password to play a restricted disc.

- 1 Press ♠ (Home).
- Select [Setup], and then press OK.
- Select [Preference] > [Change Password], and then press OK.
 - → A change password menu is displayed.
- 4 Follow the instructions on the TV to set or change password.
 - If you do not have a password or you have forgotten, enter **0000**.
- 5 Press OK.

Ratings

Some discs are recorded with ratings according to age. You can set up your home theater to play only discs with an age rating lower than your child's age.

- 1 Press **(Home)**.
- 2 Select [Setup], and then press OK.
- 3 Select [Preference] > [Parental Control], and then press OK.
 - → A message prompts you to enter the password.
- 4 Enter the password with the Numeric buttons.
- 5 Select an age rating, and then press OK.
 - To play all discs irrespective of the rating, select level 8 or [Off].

Energy saving

Save energy by changing the following settings.

Auto standby

When playing a disc or a USB storage device, automatically switch your home theater to standby if:

- it is in pause or stop mode, and
- no button is pressed for 30 minutes.
- 1 Press ♠ (Home).
- 2 Select [Setup], and then press OK.
- 3 Select [Preference] > [Auto Standby] > [On], and then press OK.

Sleep timer

Set timers to switch the home theater to standby after a specified time.

- 1 Press ♠ (Home).
- 2 Select [Setup], and then press OK.
- Select [Preference] > [Sleep Timer], and then press OK.
- **4** Select the duration of the sleep timer.
 - The sleep timer can be set up to 60 minutes. If the sleep timer is set to [Off], it switches off.
- **5** Press **OK** to activate.
 - → The home theater switches to standby after the specified time.

Screen saver

Automatically switch your home theater to screen saver mode if:

- it is in pause or stop mode, and
- no button is pressed for 10 minutes.
 - Press 🖈 (Home).
- 2 Select [Setup], and then press OK.
- Select [Preference] > [Screen Saver] > [On], and then press OK.

Display panel

Change the brightness of the home theater display panel.

- **1** Press **♠** (**Home**).
- 2 Select [Setup], and then press OK.
- 3 Select [Preference] > [Display Panel], and then press OK.
- 4 Select the brightness, and then press **OK**.

Apply factory settings

Reset your home theater to the default settings. You cannot reset the parental control settings.

- 1 Press ♠ (Home).
- Select [Setup], and then press OK.
- 3 Select [Advanced] > [Restore default settings], and then press OK.
- 4 Select [OK], and then press OK.

8 Update software

To continue to get the best features and support for your home theater, update the software regularly. Compare the version of your current software with the latest version on www.philips.com/support.

Check software version

- 1 Press ♠ (Home).
- 2 Select [Setup], and then press OK.
- 3 Select [Advanced] > [Version Info.], and then press OK.
 - → The software version is displayed.

Update software through the Internet

- 1 Connect your home theater to the network through a wired connection (see 'Set up the wired network' on page 15).
- Press ♠ (Home).
- 3 Select [Setup], and then press OK.
- Select [Advanced] > [Software Update] > [Network].
 - → If an upgrade media is detected, you are prompted to start or cancel the update.
- 5 Follow the instruction on the TV to confirm the update.
 - When the software update is complete, the home theater automatically switches off and restarts. If it does not, disconnect the power cord for a few seconds and then reconnect it.



- If the home theater cannot connect to the Philips server, press ♠ (Home).
- Select [Setup] > [Network] > [Network Installation] to set up the network.

Update software through USB

What you need

- A USB flash drive, with at least 75MB of memory. The USB flash drive must be FAT or NTFS formatted. Do not use a USB hard drive.
- A computer with Internet access.
- An archive utility that supports the ZIP file format (for example, WinZip® for Microsoft® Windows® or Stufflt® for Macintosh®).

Step 1: Download the latest software

- 1 Connect a USB flash drive to your computer.
- 2 In your web browser, go to www.philips. com/support.
- At the Philips Support website, find your product and locate the **Software and** drivers.
 - → The software update is available as a zip file.
- 4 Save the zip file in the root directory of your USB flash drive.
- 5 Use the archive utility to extract the software update file in the root directory of the USB flash drive.
 - → The files are extracted under the **UPG_**ALL folder of your USB flash drive.
- 6 Disconnect the USB flash drive from your computer.

Step 2: Update the software



Caution

- Before you connect the USB flash drive to your home theater, make sure that there is no disc in the disc compartment, and the disc compartment is closed.
- Connect the USB flash drive to your home theater.
- 2 Switch your TV to the correct source for your home theater.
- 3 Press ♠ (Home), and then select [Setup].
- 4 Select [Advanced] > [Software Update] > [USB].
- Follow the instructions on the TV to confirm the update.
 - → When the software update is complete, the home theater automatically switches off and restarts. If it does not, disconnect the power cord for a few seconds, and then reconnect it.



Note

 When the software update is in progress, do not turn off the power or remove the USB flash drive.

9 Product specifications



Note

Specifications and design are subject to change without notice.

Region codes

The type plate on the back or bottom of the home theater shows which regions it supports.

Country	DVD	BD
Europe, United Kingdom		
Asia Pacific, Taiwan, Korea		
Latin America		
Australia, New Zealand		
Russia, India		0
China		0

Media formats

 AVCHD, BD-RE, BD-Video, DVD-Video, DVD+R/+RW, DVD-R/-RW, DVD+R/-R DL, CD-R/CD-RW, Audio CD, Video CD/ SVCD, Picture files, MP3-CD, WMA-CD, DivX (Ultra)-CD, USB storage device

File formats

- Audio: .aac, .mka, .mp3, .wma, .wav
- Video: .avi, .divx, .mp4, .mkv, .asf, .mpg, .mpeg
- Picture: .jpg, .jpeg, .gif, .png

Audio formats

Your home theater supports the following audio files.

Extension	Container	Audio codec	Bit rate
.mp3	MP3	MP3	32 kbps ~ 320 kbps
.wma	ASF	WMA	64 kbps ~ 160 kbps
.aac	AAC	AAC, HE- AAC	192 kbps
.wav	WAV	PCM	1.4 Mbps
.m4a	MKV	AAC	192 kbps
.mka	MKA	PCM	27.648 Mbps
.mka	MKA	Dolby Digital	640 kbps
.mka	MKA	DTS core	1.54 Mbps
.mka	MKA	MPEG	912 kbps
.mka	MKA	MP3	32 kbps ~ 320 kbps
.mka	MKA	WMA	64 kbps ~ 160 kbps
.mka	MKA	AAC, HE- AAC	192 kbps

Video formats

If you have a high definition TV, your home theater allows you to play your video files with:

- Resolution: 1920×1080 pixels at
- Frame rate: $6 \sim 30$ frames per second.

.avi files in AVI container

Video codec	Bit rate	
DivX 3.11, DivX 4.x, DivX 5.x, DivX 6.x	10 Mbps max	
MPEG 1, MPEG 2	20 Mbps (peak 40 Mbps)	
MPEG 4 ASP	10 Mbps max	
H.264/AVC HP@4.1/4.0; MP@3.2/3.1/3.0	20 Mbps (peak 40 Mbps)	
	DivX 3.11, DivX 4.x, DivX 5.x, DivX 6.x MPEG 1, MPEG 2 MPEG 4 ASP H.264/AVC HP@4.1/4.0;	

.divx files in AVI container

Audio codec	Video codec	Bit rate
PCM, Dolby Digital, MP3, WMA	DivX 3.11, DivX 4.x, DivX 5.x, DivX 6.x	10 Mbps max
	MPEG 1, MPEG 2	20 Mbps (peak 40 Mbps)
	MPEG 4 ASP	10 Mbps max

.mp4 or .m4v files in MP4 container

Audio codec	Video codec	Bit rate
Dolby Digital, MPEG, MP3, AAC, HE- AAC	MPEG 1, MPEG 2	20 Mbps (peak 40 Mbps)
	MPEG 4 ASP	10 Mbps max
	H.264/AVC HP@4.1/4.0; MP@3.2/3.1/3.0	20 Mbps (peak 40 Mbps)

.mkv files in MKV container

Audio codec	Video codec	Bit rate
PCM, Dolby Digital, DTS core, MPEG, MP3, WMA, AAC, HE- AAC	MPEG 1, MPEG 2	20 Mbps (peak 40 Mbps)
	MPEG 4 ASP	10 Mbps max
	H.264/AVC HP@4.1/4.0; MP@3.2/3.1/3.0	20 Mbps (peak 40 Mbps)

.mpg and .mpeg files in PS container

Audio codec	Video codec	Bit rate
PCM, DTS core, MPEG, MP3	MPEG 1, MPEG 2	20 Mbps (peak 40 Mbps)
	MPEG 1, MPEG 2	20 Mbps (peak 40 Mbps)

Amplifier

- Total output power: 300W RMS (30% THD)
- Frequency response: 20 Hz-20 kHz / ±3 dB
- Signal-to-noise ratio: > 65 dB (CCIR) / (A-weighted)
- Input sensitivity:
 - AUX1, AUX2: 1000 mV
 - Music i,Link: 500 mV

Video

- Signal system: PAL / NTSC
- HDMI output: 480i/576i, 480p/576p, 720p, 1080i, 1080p, 1080p24

Audio

- Sampling frequency:
 - MP3: 32 kHz, 44.1 kHz, 48 kHz
 - WMA: 44,1 kHz, 48 kHz
- Constant bit rate:
 - MP3: 32 kbps 320 kbps
 - WMA: 48 kbps 192 kbps

Radio

- Tuning range:
 - Europe/China: FM 87.5-108 MHz (50 kHz)
 - Asia Pacific/Russia/Latin America: FM 87.5-108 MHz (50/100 kHz)
- Signal-to-noise ratio: FM 50 dB
- Frequency response: FM 180 Hz-12.5 kHz / ±3 dB

USB

- Compatibility: Hi-Speed USB (2.0)
- Class support: USB Mass Storage Class (MSC)
- File system: FAT16, FAT32, NTFS
- Maximum memory support: < 160 GB

Main unit

- Power supply: 110-240 V~, 50-60 Hz
- Power consumption: 55 W
- Standby power consumption: ≤ 0.9 W
- Dimensions (WxHxD): 360 x 58 x 325 mm
- Weight: 2.7 kg

Subwoofer

- Output power: 50W RMS (30% THD)
- Impedance: 12 ohm
- Speaker drivers: 165 mm (6.5") woofer
- Frequency response: 20 Hz-150 Hz
- Dimensions (WxHxD): 123 x 309 x 369 (mm)
- Weight: 3.2 kg
- Cable length: 3 m

Speakers

- Center speaker:
 - Output power: 50W RMS (30% THD)
 - System: full range satellite
 - Speaker impedance: 3 ohm
 - Speaker drivers: 76.2 mm (3") full range
 - Frequency response: 150 Hz-20 kHz
 - Dimensions (WxHxD): 161 x 95 x 92 mm
 - Weight: 0.4 ~ 0.5 kg
 - Cable length: 2 m
- Front/rear speakers:
 - Output power: 4 x 50W RMS (30% THD)
 - Speaker impedance: 3ohm
 - Speaker drivers: 76.2 mm (3") full range
 - Frequency response: 150 Hz-20 kHz
 - Dimensions (WxHxD): 95 x 161 x 87 mm
 - Weight: 0.4 ~ 0.5 kg/ each
 - Cable length (front speakers): 4 m
 - Cable length (rear speakers): 10 m

Remote control batteries

2 × AAA-R03-1.5 V

Laser

- Laser Type (Diode): InGaN/AIGaN (BD), AIGaInP (DVD/CD)
- Wave length: 405 +7 nm/-7 nm (BD), 655 +10 nm/-10 nm (DVD), 790 +10 nm/-20 nm (CD)
- Output power (Max. ratings): 20 mW (BD), 6 mW (DVD), 7 mW (CD)

10 Troubleshooting

A

Warning

 Risk of electric shock. Never remove the casing of the product.

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

If you have problems using this product, check the following points before you request service. If you still have a problem, register your product and get support at www.philips.com/welcome.

Main unit

The buttons on the home theater do not work.

 Disconnect the home theater from the power supply for a few minutes, then reconnect.

Picture

No picture.

• Make sure that the TV is switched to the correct source for the home theater.

No picture on a TV connected through HDMI.

- Make sure that you use a High Speed HDMI cable to connect the home theater and TV.
 Some Standard HDMI cables do not display properly for some images, 3D video, or Deep Color.
- Make sure that the HDMI cable is not faulty. If it is faulty, replace it with a new cable.
- Press (Home) and then 731 on the remote control to restore the default picture resolution.
- Change the HDMI video setting, or wait for 10 seconds for auto recovery (see 'Picture resolution' on page 24).

Disc does not play high-definition video.

- Make sure that the disc contains highdefinition video.
- Make sure that the TV supports highdefinition video.
- Use an HDMI cable to connect to the TV.

Sound

No sound from home theater speakers.

- Connect the audio cable from your home theater to your TV or other devices. You do not need a separate audio connection when:
 - the home theater and TV are connected through an HDMI ARC connection, or
 - a device is connected to the **HDMI IN** connector on your home theater.
- Set up the audio for the connected device (see 'Set up audio for connected devices' on page 14).
- Reset your home theater to its factory settings (see 'Apply factory settings' on page 26), and then switch it off and switch on again.
- On your home theater, press SOURCE repeatedly to select the correct audio input.

Distorted sound or echo.

• If you play audio from the TV through the home theater, make sure that the TV is muted.

Audio and video are not synchronized.

1) Press III SOUND SETTINGS. 2) Press
the Navigation buttons (left/right) to select
AUD SYNC, and then press OK. 3) Press
the Navigation buttons (up/down) to
synchronize the audio with the video.

Play

Cannot play a disc.

- Clean the disc.
- Make sure that the home theater supports the type of disc (see 'Media formats' on page 28).
- Make sure that the home theater supports the region code of the disc (see 'Region codes' on page 28).
- If the disc is a DVD±RW or DVD±R disc, make sure that it is finalized.

Cannot play a DivX file.

- Make sure that the DivX file is encoded according to the 'Home Theater Profile' with the DivX encoder.
- Make sure that the DivX file is complete.

DivX subtitles do not display correctly.

- Make sure that the subtitle file name is the same as the movie file name (see 'Subtitles' on page 19).
- - 3) Select the supported character set.
 - 4) Press OK.

Cannot read the contents of a USB storage device

- Make sure that the format of the USB storage device is compatible with the home theater.
- Make sure that the file system on the USB storage device is supported by the home theater.

'No entry' or 'x' sign appears on the TV.

• The operation is not possible.

EasyLink does not work.

 Make sure that the home theater is connected to a Philips brand EasyLink TV, and the EasyLink option is on (see 'EasyLink' on page 23).

When you switch on the TV, the home theater automatically switches on.

 This behavior is normal when you are using Philips EasyLink (HDMI-CEC). To make the home theater work independently, switch off EasyLink.

Cannot access BD-Live features.

- Make sure that the home theater is connected to the network (see 'Set up the wired network' on page 15).
- Make sure that the network is set up (see 'Set up the wired network' on page 15).
- Make sure that the Blu-ray disc supports BD-Live features.
- Clear memory storage (see 'Clear memory' on page 18).

TV screen is black when you play a Blu-ray 3D video or a DivX copy protected video.

- Make sure that the home theater is connected to the TV through an HDMI cable.
- Switch to the correct HDMI source on the TV

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- El aparato sea modificado, violado por una persona no autorizada por Philips
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TAUA TIANGUA UBAJARA DISTRITO FEDERAL BRASILIA BRASILIA	88-34371987 88-36713336 88-36341233 61-35564840 61-33549615	CONTAGEM CORONEL FABRICIANO CURVELO DIVINOPOLIS FORMIGA GOVERNADOR VALADARES	31-33912994 31-38411804 38-37213009 37-32212353 37-33214177 33-32716650	PARANAVAI PATO BRANCO PONTA GROSSA RIO NEGRO ROLANDIA SANTO ANTONIO PLATINA	44-34234711 46-32242786 42-30285061 47-36450251 43-32561947 43-35341809
TAUA TIANGUA UBAJARA DISTRITO FEDERAL BRASILIA	88-34371987 88-36713336 88-36341233 61-35564840	CONTAGEM CORONEL FABRICIANO CURVELO DIVINOPOLIS FORMIGA GOVERNADOR VALADARES GUAXUPE	31-33912994 31-38411804 38-37213009 37-32212353 37-33214177 33-32716650 35-35514124	PARANAVAI PATO BRANCO PONTA GROSSA RIO NEGRO ROLANDIA SANTO ANTONIO PLATINA SAO MIGUEL DO IGUAÇU	44-34234711 46-32242786 42-30285061 47-36450251 43-32561947 43-35341809 45-35651429
TAUA TIANGUA UBAJARA DISTRITO FEDERAL BRASILIA BRASILIA BRASILIA	88-34371987 88-36713336 88-36341233 61-35564840 61-33549615	CONTAGEM CORONEL FABRICIANO CURVELO DIVINOPOLIS FORMIGA GOVERNADOR VALADARES GUAXUPE IPATINGA	31-33912994 31-38411804 38-37213009 37-32212353 37-33214177 33-32716650 35-35514124 31-38222332	PARANAVAI PATO BRANCO PONTA GROSSA RIO NEGRO ROLANDIA SANTO ANTONIO PLATINA SAO MIGUEL DO IGUAÇU TOLEDO	44-34234711 46-32242786 42-30285061 47-36450251 43-32561947 43-35341809 45-35651429 45-32522471
TAUA TIANGUA UBAJARA DISTRITO FEDERAL BRASILIA BRASILIA BRASILIA ESPIRITO SANTO	88-34371987 88-36713336 88-36341233 61-35564840 61-33549615 61-34451991	CONTACEM CORONEL FABRICIANO CURVELO DIVINOPOLIS FORMIGA GOVERNADOR VALADARES GUAXUPE IPATINGA ITABIRA	31-33912994 31-38411804 38-37213009 37-32212353 37-33214177 33-32716650 35-35514124 31-38222332 31-38316218	PARANAVAI PATO BRANCO PONTA GROSSA RIO NEGRO ROLANDIA SANTO ANTONIO PLATINA SAO MIGUEL DO IGUAÇU	44-34234711 46-32242786 42-30285061 47-36450251 43-32561947 43-35341809 45-35651429
TAUA TIANGUA UBAJARA DISTRITO FEDERAL BRASILIA BRASILIA BRASILIA ESPIRITO SANTO ALEGRE	88-34371987 88-36713336 88-36341233 61-35564840 61-33549615 61-34451991 28-35526349	CONTAGEM CORONEL FABRICIANO CURVELO DIVINOPOLIS FORMIGA GOVERNADOR VALADARES GUAXUPE IPATINGA ITABIRA ITAJUBA	31-33912994 31-38411804 38-37213009 37-32212353 37-33214177 33-32716650 35-35514124 31-3822332 31-38316218 35-36211315	PARANAVAI PATO BRANCO PONTA GROSSA RIO NEGRO ROLANDIA SANTO ANTONIO PLATINA SAO MIGUEL DO IGUAÇU TOLEDO UMUARAMA	44-34234711 46-32242786 42-30285061 47-36450251 43-32561947 43-35341809 45-35651429 45-32522471
TAUA TIANGUA UBAJARA DISTRITO FEDERAL BRASILIA BRASILIA BRASILIA ESPIRITO SANTO ALEGRE ARACRUZ	88-34371987 88-36713336 88-36341233 61-35564840 61-33549615 61-34451991 28-36526349 27-32561251	CONTAGEM CORONEL FABRICIANO CURVELO DIVINOPOLIS FORMIGA GOVERNADOR VALADARES GUAXUPE IPATINGA ITABIRA ITAJUBA ITAPECERICA	31-33912994 31-38411804 38-37213009 37-32212353 37-33214177 33-32716650 35-35514124 31-38222332 31-38316218 35-3621315 37-33411326	PARANAVAI PATO BRANCO PONTA GROSSA RIO NEGRO ROLANDIA SANTO ANTONIO PLATINA SAO MIGUEL DO IGUAÇU TOLEDO UMUARAMA PERNAMBUCO	44-34234711 46-32242786 42-30285061 47-36450251 43-32561947 43-35341809 45-35651429 45-32522471 44-30561485
TAUA TIANGUA UBAJARA DISTRITO FEDERAL BRASILIA BRASILIA BRASILIA ESPIRITO SANTO ALEGRE ARACRUZ BAIXO GUANDU	88-34371987 88-36713336 88-36341233 61-35564840 61-33549615 61-34451991 28-35526349 27-32561251 27-37321142	CONTAGEM CORONEL FABRICIANO CURVELO DIVINOPOLIS FORMIGA GOVERNADOR VALADARES GUAXUPE IPATINGA ITABIRA ITAJUBA ITAJUBA ITAJUBA ITAJUBA	31-33912994 31-38411804 38-37213009 37-32212353 37-33214177 33-32716650 35-35514124 31-3822132 31-382316218 35-36211315 37-33411326 37-32412468	PARANAVAI PATO BRANCO PONTA GROSSA RIO NEGRO ROLANDIA SANTO ANTONIO PLATINA SAO MIGUEL DO IGUAÇU TOLEDO UMUARAMA PERNAMBUCO CABO SANTO AGOSTINHO	44-34234711 46-32242786 42-30285061 47-36450251 43-32561947 43-35341809 45-35651429 45-32522471 44-30561485 81-35211823
TAUA TIANGUA UBAJARA DISTRITO FEDERAL BRASILIA BRASILIA BRASILIA ESPIRITO SANTO ALEGRE ARACRUZ BAIXO GUANDU BARRA DE SAO FRANCISCO	88-34371987 88-36713336 88-36341233 61-35564840 61-33549615 61-34451991 28-35526349 27-32561251 27-37321142 27-37562245	CONTAGEM CORONEL FABRICIANO CURVELO DIVINOPOLIS FORMIGA GOVERNADOR VALADARES GUAXUPE IPATINGA ITABIRA ITAJUBA ITAPECERICA ITAUNA JOAO MONLEVADE	31-33912994 31-38411804 38-37213009 37-32212353 37-33214177 33-32716650 35-35514124 31-38222332 31-38316218 35-36211315 37-33411326 37-32412468 31-38512909	PARANAVAI PATO BRANCO PONTA GROSSA RIO NEGRO ROLANDIA SANTO ANTONIO PLATINA SAO MIGUEL DO IGUAÇU TOLEDO UMUARAMA PERNAMBUCO CABO SANTO AGOSTINHO CAMARAGIBE	44-34234771 46-32242786 42-30285061 47-36450251 43-32561947 43-35341809 45-35651429 45-32522471 44-30561485 81-35211823 81-34581246
TAUA TIANGUA UBAJARA DISTRITO FEDERAL BRASILIA BRASILIA BRASILIA ESPIRITO SANTO ALEGRE ARACRUZ BAIXO GUANDU BARRA DE SAO FRANCISCO CACHOEIRA DE ITAPEMIRIM	88-34371987 88-36713336 88-36341233 61-35564840 61-33549615 61-34451991 28-35526349 27-32561251 27-37321142 28-35223524	CONTAGEM CORONEL FABRICIANO CURVELO DIVINOPOLIS FORMIGA GOVERNADOR VALADARES GUAXUPE IPATINGA ITAJUBA ITAPECERICA ITAJUBA JOAO MONLEVADE JOAO PINHEIRO	31-33912994 31-38411804 38-37213009 37-32212353 37-33214177 33-32716650 35-35514124 31-38222332 31-38316218 35-36211315 37-33411326 37-32412468 31-38512909 38-355611327	PARANAVAI PATO BRANCO PONTA GROSSA RIO NEGRO ROLANDIA SANTO ANTONIO PLATINA SAO MIGUEL DO IGUAÇU TOLEDO UMUARAMA PERNAMBUCO CABO SANTO AGOSTINHO CAMARAGIBE CARUARU	44-34234771 46-32242786 42-30285061 47-36450251 43-32561947 43-35341809 45-35651429 45-35622471 44-30561485 81-35211823 81-34581246 81-37220235
TAUA TIANGUA UBAJARA DISTRITO FEDERAL BRASILIA BRASILIA BRASILIA ESPIRITO SANTO ALEGRE ARACRUZ BAIXO GUANDU BARRA DE SAO FRANCISCO CACHOEIRA DE ITAPEMIRIM COLATINA	88-34371987 88-36713336 88-36341233 61-35564840 61-33549615 61-34451991 28-35526349 27-32561251 27-37321142 27-37562245 28-35223524 27-37222288	CONTAGEM CORONEL FABRICIANO CURVELO DIVINOPOLIS FORMIGA GOVERNADOR VALADARES GUAXUPE IPATINGA ITABIRA ITAJUBA ITAPECERICA ITAUIBA JOAO MONLEVADE JOAO PINHEIRO JUIZ DE FORA	31-33912994 31-38411804 38-37213009 37-32212353 37-33214177 33-32716650 35-35514124 31-38222332 31-38316218 35-3621315 37-33411326 37-32412468 31-38512909 38-35611327 32-32151514	PARANAVAI PATO BRANCO PONTA GROSSA RIO NEGRO ROLANDIA SANTO ANTONIO PLATINA SAO MIGUEL DO IGUAÇU TOLEDO UMUARAMA PERNAMBUCO CABO SANTO AGOSTINHO CAMARAGIBE CARUARU GARANHUNS	44-34234711 46-32242786 42-30285061 47-36450251 43-352561947 43-35241809 45-35651429 45-32522471 44-30561485 81-35211823 81-34581246 81-37220235 87-37610085
TAUA TIANGUA UBAJARA DISTRITO FEDERAL BRASILIA BRARARUZ BAIXO GUANDU BARRA DE SAO FRANCISCO CACHOEIRA DE ITAPEMIRIM COLATINA GUARAPARI	88-34371987 88-36713336 88-36341233 61-36564840 61-33549615 61-34451991 28-36526349 27-32561251 27-37321142 28-35223524 27-37222288 27-3222285 27-3321355	CONTAGEM CORONEL FABRICIANO CURVELO DIVINOPOLIS FORMIGA GOVERNADOR VALADARES GUAXUPE IPATINGA ITAJUBA ITAJUBA ITAPECERICA ITAUNA JOAO MONLEVADE JOAO PINHEIRO JUIZ DE FORA LAGOA DA PRATA	31-33912994 31-38411804 38-37213009 37-32212353 37-332214177 33-32716650 35-35514124 31-38222332 31-38316218 35-36211315 37-32412468 37-32412468 31-3851209 38-35611327 32-32151514	PARANAVAI PATO BRANCO PONTA GROSSA RIO NEGRO ROLANDIA SANTO ANTONIO PLATINA SAO MIGUEL DO IGUAÇU TOLEDO UMUARAMA PERNAMBUCO CABO SANTO AGOSTINHO CAMARAGIBE CARUARU GARANHUNS PAULISTA	44-34234711 46-32242786 42-30288061 47-36450251 47-36450251 43-32561947 43-35341809 45-32522471 44-30561485 81-35211823 81-35211823 81-37220235 87-37610085 81-345811248
TAUA TIANGUA UBAJARA DISTRITO FEDERAL BRASILIA BRASILIA BRASILIA ESPIRITO SANTO ALEGRE ARACRUZ BAIXO GUANDU BARRA DE SAO FRANCISCO CACHOEIRA DE ITAPEMIRIM COLATINA GUARAPARI SAO MATEUS	88-34371987 88-36713336 88-36341233 61-35564840 61-33549615 61-34451991 28-3526349 27-32561251 27-37562245 28-3522354 27-37222288 27-33614355 27-33614355 27-33614355	CONTAGEM CORONEL FABRICIANO CURVELO DIVINOPOLIS FORMIGA GOVERNADOR VALADARES GUAXUPE IPATINGA ITABIRA ITAPECERICA ITAUNA JOAO MONLEVADE JOAO PINHEIRO JUIZ DE FORA LAGOA DA PRATA LAVRAS	31-33912994 31-38411804 38-37213009 37-32212353 37-332214377 33-32716650 35-35514124 31-38222332 31-38316218 37-33411325 37-33411325 37-33412468 31-38512909 38-35611327 32-32151514 37-32613493 35-38210550	PARANAVAI PATO BRANCO PONTA GROSSA RIO NEGRO ROLANDIA SANTO ANTONIO PLATINA SAO MIGUEL DO IGUAÇU TOLEDO UMUARAMA PERNAMBUCO CABO SANTO AGOSTINHO CANARAGIBE CARUARU GARANHUNS PAULISTA RECIFE	44-34/234711 46-3224/2786 42-30285061 47-36450251 43-32661947 43-32661947 43-35651429 45-32652471 44-30561485 81-35211823 81-34581246 81-37220235 87-37610085 81-34331142
TAUA TIANGUA UBAJARA DISTRITO FEDERAL BRASILIA BARACRUZ BAIXO GUANDU BARRA DE SAO FRANCISCO CACHOEIRA DE ITAPEMIRIM COLATINA GUARAPARI SAO MATEUS SERRA	88-34371987 88-36713336 88-36341223 61-35564840 61-3549615 61-34451991 28-35526349 27-3752142 28-35223524 27-3762225 28-35223524 27-37633806 27-3324492	CONTAGEM CORONEL FABRICIANO CURVELO DIVINOPOLIS FORMIGA GOVERNADOR VALADARES GUAXUPE IPATINGA ITABIRA ITAJUBA ITAPECERICA ITAUNA JOAO MONLEVADE JOAO PINHEIRO JUIZ DE FORA LAGOA DA PRATA LAVRAS MANHUACU	31-33312994 31-38411804 38-3721009 37-32212353 37-332214177 33-32716650 31-38222332 31-38316218 35-36211315 37-32412468 37-32412468 37-32412468 37-32412468 37-32412468 37-32412468 37-32412468	PARANAVAI PATO BRANCO PONTA GROSSA RIO NEGRO ROLANDIA SANTO ANTONIO PLATINA SAO MIGUEL DO IGUAÇU TOLEDO UMUARAMA PERNAMBUCO CABO SANTO AGOSTINHO CAMARAGIBE CARUARU GARANHUNS PAULISTA RECIFE	44-34234711 46-32242786 42-30288061 47-36450251 47-36450251 43-32561947 43-35341809 45-32522471 44-30561485 81-35211823 81-34581246 81-37220235 87-37610085 81-34313142 81-32313399 81-34656042
TAUA TIANGUA UBAJARA DISTRITO FEDERAL BRASILIA BRASILIA BRASILIA BRASILIA ESPIRITO SANTO ALEGRE ARACRUZ BAIXO GUANDU BARRA DE SAO FRANCISCO CACHOEIRA DE ITAPEMIRIM COLATINA GUARAPARI SAO MATEUS SERRA VILA VELHA	88-34371987 88-36713336 88-36341233 61-35564840 61-33549615 61-34451991 28-36526349 27-32561251 27-37562245 27-37652245 27-377652245 27-377652245 27-37652354 27-37222288 27-3224292 27-37633806 27-33264292 27-3284292 27-32891233	CONTAGEM CORONEL FABRICIANO CURVELO DIVINOPOLIS FORMIGA GOVERNADOR VALADARES GUAXUPE IPATINGA ITABIRA ITAJIBA ITAPECERICA ITAUBA JOAO MONLEVADE JOAO PINHEIRO JUIZ DE FORA LAGOA DA PRATA LAVRAS MANHUACU MONTE CARMELO	31-33912994 31-33912994 31-339121809 37-32212353 37-332214177 33-32716650 35-35514124 31-3822233 31-38163218 37-32412468 31-38512909 38-35611327 32-32151514 37-32613493 37-32613493 37-32613493 37-32613493 37-32613493 37-32613493	PARANAVAI PATO BRANCO PONTA GROSSA RIO NEGRO ROLANDIA SANTO ANTONIO PLATINA SAO MIGUEL DO IGUAÇU TOLEDO UMUARAMA PERNAMBUCO CABO SANTO AGOSTINHO CAMARAGIBE CARUARU GARANHUNS PAULISTA RECIFE RECIFE	44-34/234711 46-3224/2786 42-30285061 47-36450251 47-36450251 43-32561947 43-32561429 45-32522471 44-30561485 81-35211823 81-34581246 81-37220235 87-37610085 81-34331142 81-32313399 81-34656042 81-322366123
TAUA TIANGUA UBAJARA DISTRITO FEDERAL BRASILIA BARACRUZ BAIXO GUANDU BARRA DE SAO FRANCISCO CACHOEIRA DE ITAPEMIRIM COLATINA GUARAPARI SAO MATEUS SERRA	88-34371987 88-36713336 88-36341223 61-35564840 61-3549615 61-34451991 28-35526349 27-3752142 28-35223524 27-3762225 28-35223524 27-37633806 27-3324492	CONTAGEM CORONEL FABRICIANO CURVELO DIVINOPOLIS FORMIGA GOVERNADOR VALADARES GUAXUPE IPATINGA ITABIRA ITAJUBA ITAPECERICA ITAJUBA JOAO MONLEVADE JOAO PINHEIRO JUIZ DE FORA LAGOA DA PRATA LAVRAS MANHUACU MONTE CARMELO MONTE SANTO DE MINAS	31-33312994 31-38411804 38-37213009 37-32212353 37-332214177 33-32716650 35-35514124 31-38222332 31-38316218 35-36211315 37-32412468 31-38512909 38-35611327 32-32151514 37-32613493 38-35215515 33-33314735 34-38422062 34-3518188	PARANAVAI PATO BRANCO PONTA GROSSA RIO NEGRO ROLANDIA SANTO ANTONIO PLATINA SAO MIGUEL DO IGUAÇU TOLEDO UMUARAMA PERNAMBUCO CABO SANTO AGOSTINHO CAMARAGIBE CARUARU GARANHUNS PAULISTA RECIFE	44-34234711 46-32242786 42-30288061 47-36450251 47-36450251 43-32561947 43-35341809 45-32522471 44-30561485 81-35211823 81-34581246 81-37220235 87-37610085 81-34313142 81-32313399 81-34656042
TAUA TIANGUA UBAJARA DISTRITO FEDERAL BRASILIA BRASILIA BRASILIA BRASILIA ESPIRITO SANTO ALEGRE ARACRUZ BAIXO GUANDU BAIXO GUANDU BAIXO GUANDU COLATINA GUARAPARI SAO MATEUS SERRA VILA VELHA VITORIA	88-34371987 88-36713336 88-36341233 61-35564840 61-33549615 61-34451991 28-36526349 27-32561251 27-37562245 27-37652245 27-377652245 27-377652245 27-37652354 27-37222288 27-3363264 27-3224292 27-3284292 27-3284292 27-3284292	CONTAGEM CORONEL FABRICIANO CURVELO DIVINOPOLIS FORMIGA GOVERNADOR VALADARES GUAXUPE IPATINGA ITAJUBA ITAPECERICA ITAJUBA JOAO MONLEVADE JOAO PINHEIRO JUIZ DE FORA LAGAO AD A PRATA LAVRAS MANHIJACU MONTE CARMELO MONTE SANTO DE MINAS MONTES CLAROS	31-3331-2994 31-3341-1804 38-37213009 37-32212333 37-332214377 33-32716650 35-35514124 31-38222332 31-38316218 35-36211315 37-32412488 31-38512209 38-35611327 32-32151514 37-32613433 35-38210550 33-33314735 33-3314735 34-38422062 35-55911888	PARANAVAI PATO BRANCO PONTA GROSSA RIO NEGRO ROLANDIA SANTO ANTONIO PLATINA SAO MIGUEL DO IGUAÇU TOLEDO UMUARAMA PERNAMBUCO CABO SANTO AGOSTINHO CAMURAGIBE CARUARU GARANHUNS PAULISTA RECIFE RECIFE RECIFE SERRA TALHADA	44-34/234711 46-3224/2786 42-30285061 47-36450251 47-36450251 43-32561947 43-32561429 45-32522471 44-30561485 81-35211823 81-34581246 81-37220235 87-37610085 81-34331142 81-32313399 81-34656042 81-322366123
TAUA TIANGUA UBAJARA DISTRITO FEDERAL BRASILIA	88-34371987 88-36713336 88-36341233 61-35564840 61-33549615 61-34451991 28-36526349 27-32561251 27-37321142 28-3622352 27-3262252 27-3261235 27-3722228 27-33284292 27-32881233 27-32233899	CONTAGEM CORONEL FABRICIANO CURVELO DIVINOPOLIS FORMIGA GOVERNADOR VALADARES GUAXUPE IPATINGA ITABIRA ITAPECERICA ITAUNA JOAO MONLEVADE JOAO PINHEIRO JUIZ DE FORA LAGOA DA PRATA LAVRAS MANHUACU MONTE CARMELO MONTE SANTO DE MINAS MONTES CLAROS MURIARE	31-33912994 31-33912994 31-38411804 38-37213009 37-32212353 37-33214177 33-32716659 35-35514124 31-38222332 31-38316218 35-36211315 37-33411326 37-32412468 31-38512909 32-32151514 37-32613493 38-36131927 32-32151514 37-32613493 38-38210550 33-33314735 34-338422062 35-35911888 38-32218925	PARANAVAI PATO BRANCO PONTA GROSSA RIO NEGRO ROLANDIA SANTO ANTONIO PLATINA SAO MIGUEL DO IGUAÇU TOLEDO UMUARAMA PERNAMBUCO CABO SANTO AGOSTINHO CANARAGIBE CARUARU GARANHUNS PAULISTA RECIFE RECIFE RECIFE RECIFE SERRA TALHADA	44-34234711 46-32242786 42-30285061 47-36450251 43-32561947 43-32561947 43-355341809 45-32522471 44-30561485 81-35211823 81-34581246 81-37220235 81-34331142 81-323339 81-34656042 81-323339 81-34656042 81-323331401
TAUA TIANGUA UBAJARA DISTRITO FEDERAL BRASILIA BRARACRUZ BAIXO GUANDU BARRA DE SAO FRANCISCO CACHOEIRA DE ITAPEMIRIM COLATINA GUARAPARI SAO MATEUS SERRA VILA VELHA VITORIA GOIÁS ANAPOLIS	88-34371987 88-36713336 88-36341233 61-36564840 61-3359615 61-34451991 28-35526349 27-32561251 27-37321142 27-37222288 27-3264252 27-3263806 27-3263806 27-3284292 27-32891233 27-32233899 62-33243562	CONTAGEM CORONEL FABRICIANO CURVELO DIVINOPOLIS FORMIGA GOVERNADOR VALADARES GUAXUPE IPATINGA ITAJUBA ITAJUBA ITAJUBA ITAPECERICA ITAJUBA JOAO MONLEVADE JOAO PINHEIRO JUIZ DE FORA LAGOA DA PRATA LAVRAS MANHUACU MONTE CARMELO MONTE CARMELO MONTE SANTO DE MINAS MONTES CLAROS MURIAE NANUQUE	31-3331/2994 31-3341/1804 38-37/21009 37-3221/2353 37-332/214777 33-327/16650 35-355141/2 31-382/22332 31-383162/18 35-362/1131/2 37-3241/2469 31-3851/2909 37-3241/2469 31-3851/2909 31-38	PARANAVAI PATO BRANCO PONTA GROSSA RIO NEGRO ROLANDIA SANTO ANTONIO PLATINA SAO MIGUEL DO IGUAÇU TOLEDO UMUARAMA PERNAMBUCO CABO SANTO AGOSTINHO CAMARAGIBE CARUARU GARANHUNS PAULISTA RECIFE RECIFE RECIFE SERRA TALHADA PIAUÍ PARNAIBA	44-34/234711 46-32242788 42-30285081 47-36450251 43-32651947 43-325341809 45-32651429 45-32651429 45-32651429 81-34581246 81-37220235 87-37610085 81-34331142 81-32220235 87-37610085 81-34331142 81-32236123 87-3831141
TAUA TIANGUA UBAJARA DISTRITO FEDERAL BRASILIA BRASILIA BRASILIA BRASILIA BRASILIA ESPIRITO SANTO ALEGRE ARACRUZ BAIXO GUANDU BARRA DE SAO FRANCISCO CACHOEIRA DE ITAPEMIRIM COLATINA GUARAPARI SAO MATEUS SERRA VILA VELHA VITORIA GOIÁS ANAPOLIS CALDAS NOVAS	88-34371987 88-36713336 88-36341233 61-35564840 61-33549615 61-34451991 28-36526349 27-32561251 27-37562245 27-37662245 27-377662245 27-377662245 27-377662245 27-37222288 27-3223524 27-37222389 62-33244292 27-328429 27-328429 27-3	CONTAGEM CORONEL FABRICIANO CURVELO DIVINOPOLIS FORMIGA GOVERNADOR VALADARES GUAXUPE IPATINGA ITAJIBA	31-33912994 31-33912991 31-32212353 37-332214377 33-32716505 35-35514124 31-38222332 31-38316218 37-33212468 31-38512909 38-35611327 32-32151514 37-32613493 33-3621365 33-33314735 34-33422062 35-35911888 38-32619925 32-37224334 33-36212165	PARANAVAI PATO BRANCO PONTA GROSSA RIO NEGRO ROLANDIA SANTO ANTONIO PLATINA SAO MIGUEL DO IGUAÇU TOLEDO UMUARAMA PERNAMBUCO CABO SANTO AGOSTINHO CAMARAGIBE CARUARU GARANHUNS PAULISTA RECIFE RECIFE SERRA TALHADA PIAUÍ PARNAIBA TERESINA	44-34/234711 46-3224/2786 42-30285061 47-36450251 47-36450251 43-32561947 43-32561429 45-32522471 44-30561485 81-35211823 81-34581246 81-37220235 81-37210235 81-37210235 81-34331142 81-32386123 81-3286123 87-38311401
TAUA TIANGUA UBAJARA DISTRITO FEDERAL BRASILIA BRARACRUZ BAIXO GUANDU BARRA DE SAO FRANCISCO CACHOEIRA DE ITAPEMIRIM COLATINA GUARAPARI SAO MATEUS SERRA VILA VELHA VITORIIA GOIÁS ANAPOLIS CALDAS NOVAS CATALAO	88-34371987 88-36713336 88-36341223 61-35564840 61-3549615 61-34451991 28-35526349 27-37561261 27-37321142 28-35223524 28-35223524 27-37633806 27-3223899 27-32891233 27-3223899 62-33243562 64-34412786	CONTAGEM CORONEL FABRICIANO CURVELO DIVINIOPOLIS FORMIGA GOVERNADOR VALADARES GUAXUPE IPATINGA ITABIRA ITAPECERICA ITAUINA JOAO MONLEVADE JOAO PINHEIRO JUIZ DE FORA LAGOA DA PRATA LAVRAS MANHUACU MONTE CARMELO MONTES SANTO DE MINAS MONTES CLAROS MURIAE NANUQUE NOVA LIMA OLIVEIRA	31-33912994 31-38411804 38-37213009 37-32212353 37-332214177 33-32716650 35-35514124 31-38222332 31-38316218 35-36211315 37-33411326 31-385122909 38-35611327 32-32151514 37-32613493 38-35611327 33-3241268 31-38512909 38-35611327 38-38210550 33-33314735 34-38422082 32-37224334 33-36212165 31-35412026 31-35412026	PARANAVAI PATO BRANCO PONTA GROSSA RIO NEGRO ROLANDIA SANTO ANTONIO PLATINA SAO MIGUEL DO IGUAÇU TOLEDO UMUARAMA PERNAMBUCO CABO SANTO AGOSTINHO CAMARAGIBE CARUARU GARANHUNS PAULISTA RECIFE RECIFE RECIFE SERRA TALHADA PIAUÍ PARNAIBA	44-34/234711 46-32242788 42-30285081 47-36450251 43-32651947 43-325341809 45-32651429 45-32651429 45-32651429 81-34581246 81-37220235 87-37610085 81-34331142 81-32220235 87-37610085 81-34331142 81-32236123 87-3831141
TAUA TIANGUA UBAJARA DISTRITO FEDERAL BRASILIA BRASILIA BRASILIA BRASILIA ESPIRITO SANTO ALEGRE ARACRUZ BAIXO GUANDU BARA DE SAO FRANCISCO CACHOEIRA DE ITAPEMIRIM COLATINA GUARAPARI SAO MATEUS SERMA VILLA VELHA VITORIA GOIAS ANAPOLIS CALDAS NOVAS CATALAO FORMOSA	88-34371987 88-36713336 88-36341233 61-35564840 61-33549615 61-33459615 61-34451991 28-352361251 27-37562245 27-37562245 27-37562245 27-377562245 27-377562245 27-377222288 27-363806 27-3284292 27-328999 62-33243562 64-34532878 64-34412786 64-34412786 64-3481866	CONTAGEM CORONEL FABRICIANO CURVELO DIVINOPOLIS FORMIGA GOVERNADOR VALADARES GUAXUPE IPATINGA ITAJUBA ITAPECERICA ITAJUBA JOAO MONLEVADE JOAO PINHEIRO JUIZ DE FORA LAGOA DA PRATA LAVRAS MANHUACU MONTE CARMELO MONTE SANTO DE MINAS MONTES CLAROS MURIAE NAVIOUE NOVA LIMA OLI VEIRA PARACATU	31-33912994 31-33912994 31-3211804 38-37213009 37-32212353 37-33214177 33-32716650 35-35514124 31-38222332 31-38316218 35-36211315 37-32412468 31-38512909 38-35611327 32-22151514 37-32613493 35-38210550 33-33314735 33-36210550 33-33314735 33-36210550 33-33314735 33-36210550 33-33314735	PARANAVAI PATO BRANCO PONTA GROSSA RIO NEGRO ROLANDIA SANTO ANTONIO PLATINA SAO MIGUEL DO IGUAÇU TOLEDO UMUARAMA PERNAMBUCO CABO SANTO AGOSTINHO CAMARAGIBE CARUARU GARANHUNS PAULISTA RECIFE RECIFE RECIFE RECIFE SERRA TALHADA PIAUÍ PARNAIBA TERESINA TERESINA	44-34/234711 46-3224/2786 42-30285061 47-36450251 47-36450251 43-32561947 43-32561429 45-32522471 44-30561485 81-35211823 81-34581246 81-37220235 81-37210235 81-37210235 81-34331142 81-32386123 81-3286123 87-38311401
TAUA TIANGUA UBAJARA DISTRITO FEDERAL BRASILIA BARADO SAO FRANCISCO CACHOEIRA DE ITAPEMIRIM COLATINA GUARAPARI SAO MATEUS SERRA VILA VELHA VITORIIA GOIAS ANAPOLIS CALDAS NOVAS CATALAO FORMOSA GOIANESIA	88-34371987 88-36713336 88-36341223 61-35564840 61-3549615 61-34451991 28-35526349 27-37261251 27-37321142 27-3722142 27-3722228 27-3261255 27-37633806 27-32891233 27-3223899 62-333243662 61-36318166 61-36318166 61-36318166	CONTAGEM CORONEL FABRICIANO CURVELO DIVINOPOLIS FORMIGA GOVERNADOR VALADARES GUAXUPE IPATINGA ITABIRA ITAPECERICA ITAUBA JOAO MONLEVADE JOAO PINHEIRO JUIZ DE FORA LAGOA DA PRATA LAVRAS MANHUACU MONTE CARMELO MONTE SANTO DE MINAS MONTES CLAROS MURIAE NANUQUE NOVA LIMA OLIVEIRA PARACATU PASSOS	31-33912994 31-38411804 38-37213009 37-32212353 37-332214177 33-32716659 35-35514124 31-38222332 31-38316218 35-36211315 37-33411326 37-32412488 31-38512909 38-3561137 37-32412488 31-38512909 38-3561137 37-32412488 31-38512909 38-3561137 37-32412488 31-38512905 33-33314735 34-38422082 35-35211888 38-32218925 31-3541205 31-35412105 31-35412105 31-35412105 31-35412105 31-35412105 31-35412105 31-35412105 31-35412105	PARANAVAI PATO BRANCO PONTA GROSSA RIO NEGRO ROLANDIA SANTO ANTONIO PLATINA SAO MIGUEL DO IGUAÇU TOLEDO UMUARAMA PERNAMBUCO CABO SANTO AGOSTINHO CANARAGIBE CARUARU GARANHUNS PAULISTA RECIFE	44-34234711 46-32242786 42-30285061 47-36450251 43-32561947 43-325514809 45-32551429 45-32551429 45-3252471 44-30561485 81-34521823 81-34581246 81-3722025 81-34331142 81-32286123 87-38610085 81-343311401 86-3222877 86-32230825 86-32214618
TAUA TIANGUA UBAJARA DISTRITO FEDERAL BRASILIA BRAGUZ BAIXO GUANDU BARRA DE SAO FRANCISCO CACHOEIRA DE ITAPEMIRIM COLATINA GUARAPARI SAO MATEUS SERRA VILA VELHA VITORIA GOIAS ANAPOLIS CALDAS NOVAS CATALAO FORMOSA GOIANESIA GOIANISIA	88-3671336 88-36371336 88-36341233 61-36564840 61-3359615 61-34451991 28-36526349 27-32561251 27-37321142 27-3722228 27-37562245 27-3722228 27-32435252 27-3243525 27-3633806 27-3223899 62-33243562 64-34412786 61-36318166 62-33553967	CONTAGEM CORONEL FABRICIANO CURVELO DIVINOPOLIS FORMIGA GOVERNADOR VALADARES GUAXUPE IPATINGA ITAJUBA ITAPECERICA ITAJUBA ITAPECERICA ITAJUBA JOAO MONLEVADE JOAO PINHEIRO JUIZ DE FORA LAGOA DA PRATA LAVRAS MANHIJACU MONTE CARMELO MONTE SANTO DE MINAS MONTES CLAROS MURIAE NANJQUE NOVA LIMA OLIVEIRA PARSOS PATOS DE MINAS	31-3331/2994 31-3341/1804 38-37213009 377-32212333 37-332214177 33-32716650 35-35514124 31-38222332 31-38316218 35-36211315 37-33411326 37-33411326 38-35611327 32-32151514 37-32613493 35-38210550 33-33314735 34-38422062 35-53911888 38-32218925 32-37224334 33-36212165 31-35412026 37-33314444 38-36711250 38-35214342 38-3671250 38-35214343	PARANAVAI PATO BRANCO PONTA GROSSA RIO NEGRO ROLANDIO SANTO ANTONIO PLATINA SAO MIGUEL DO IGUAÇU TOLEDO UMUARAMA PERNAMBUCO CABO SANTO AGOSTINHO CAMURARAGIBE CARUARU GARANHUNS PAULISTA RECIFE	44-34/234711 46-32242788 42-30285061 47-36450251 47-36450251 43-32651947 43-35541809 45-32651429 45-32652471 44-30561485 81-35221823 81-34581246 81-32210235 87-37610085 81-342313399 81-34656042 81-32238814401 86-3222877 86-32230825 86-32214618
TAUA TIANGUA UBAJARA DISTRITO FEDERAL BRASILIA BRARADO BARRA DE SAO FRANCISCO CACHOEIRA DE ITAPEMIRIM COLATINA GUARAPARI SAO MATEUS SERRA VILA VELHA VITORIIA GOIAS ANAPOLIS CALDAS NOVAS CATALAO FORMOSA GOIANISIA GOIANIA	88-34371987 88-36713336 88-36341233 61-35564840 61-35564840 61-3349615 61-34451991 28-35526349 27-32561251 27-37321142 28-35223524 27-3762245 28-35223524 27-37623899 27-32891233 27-3223899 62-33243562 64-34532878 64-34412786 61-36318166 62-33534967 62-32916770 62-32916770	CONTAGEM CORONEL FABRICIANO CURVELO DIVINOPOLIS FORMIGA GOVERNADOR VALADARES GUAXUPE IPATINGA ITABIRA ITAPECERICA ITAUNA JOAO MONLEVADE JOAO PINHEIRO JUIZ DE FORA LAGOA DA PRATA LAVRAS MANHUACU MONTE CARMELO MONTE SANTO DE MINAS MONTES CLAROS MURIAE NANUQUE NOVA LIMA OLIVEIRA PARACATU PASSOS PATOS DE MINAS	31-33912994 31-33912994 31-3811804 38-37213009 37-32212353 37-33214177 33-32716650 35-35514124 31-38222332 31-38316218 35-36211315 37-33411326 37-32412468 31-38512909 38-35611327 32-32151514 37-32613493 38-35611327 32-32151514 37-32613493 38-36212165 33-33314735 33-3622165 33-33314735 33-36212165 33-33314735 33-36212165 33-33314735 33-36212165 33-33314735 33-36212165 33-33314735 33-3521323 33-3521323 33-3521323 33-3521323 33-3521323 34-3521323 34-3521323 34-3521323 34-3521323 34-3521323 34-3521323 34-35213314443 34-35213314442 34-3521331531	PARANAVAI PATO BRANCO PONTA GROSSA RIO NEGRO ROLANDIA SANTO ANTONIO PLATINA SAO MIGUEL DO IGUAÇU TOLEDO UMUARAMA PERNAMBUCO CABO SANTO AGOSTINHO CANUARAGIBE CARUARU GARANHUNS PAULISTA RECIFE RECIFE RECIFE SERRA TALHADA PIAUÍ PARNAIBA TERESINA TERESINA RIO DE JANEIRO BARRA DO PIRAI BELFORD ROXO	44-34/234711 46-3224/2786 42-30285061 47-36450251 47-36450251 43-32661947 43-32561947 43-35541809 81-35211823 81-34581246 81-3521823 81-34581246 81-37220235 81-34331142 81-32230825 86-32214618 24-24437745 21-27795797
TAUA TIANGUA UBAJARA DISTRITO FEDERAL BRASILIA BRASILIA BRASILIA BRASILIA BRASILIA ESPIRITO SANTO ALEGRE ARACRUZ BAIXO GUANDU BARRA DE SAO FRANCISCO CACHOEIRA DE ITAPEMIRIM COLATINA GUARAPARI SAO MATEUS SERRA VILA VELHA VITORIA GOIÁS ANAPOLIS CALDAS NOVAS CATALAO FORMOSA GOIANISA GOIANIA GOIANIA GOIANIA	88-34371987 88-36713336 88-36341233 61-36564840 61-3359615 61-34451991 28-35526349 27-32561251 27-37321142 27-3722228 27-37633806 27-32841232 27-32841232 27-32841232 27-3284123 27-3284123 62-32343562 64-34412766 61-36318166	CONTAGEM CORONEL FABRICIANO CURVELO DIVINOPOLIS FORMIGA GOVERNADOR VALADARES GUAXUPE IPATINGA ITAJIBA ITAPECERICA ITAJUBA ITAPECERICA ITAJUBA JOAO MONLEVADE JOAO PINHEIRO JUIZ DE FORA LAGOA DA PRATA LAVRAS MANHIJACU MONTE CARMELO MONTE CARMELO MONTE SANTO DE MINAS MONTES CLAROS MURIAE NANUQUE NOVA LIMA OLIVEIRA PARACATTU PASSOS PATOS DE MINAS PATROCINIO PIUMHI	31-3331/2994 31-3341/1804 38-372/13009 37-322/12353 37-332/14177 33-327/16650 35-355/14124 31-382/22332 31-383162/18 35-362/11315 37-3341/135 37-3341/135 37-3341/135 37-3341/135 37-3341/135 33-35/131/135 33-35/131/135 33-35/131/135 33-35/131/135 33-35/131/135 33-35/131/135 33-35/131/135 33-35/131/135 33-35/131/135 33-35/131/135 33-35/131/135 33-35/131/135 33-35/13/13/13/13/13/13/13/13/13/13/13/13/13/	PARANAVAI PATO BRANCO PONTA GROSSA RIO NEGRO ROLANDIA SANTO ANTONIO PLATINA SAO MIGUEL DO IGUAÇU TOLEDO UMUARAMA PERNAMBUCO CABO SANTO AGOSTINHO CAMARAGIBE CARUARU GARANHUNS PAULISTA RECIFE RECIFE RECIFE SERRA TALHADA PIAUI PARNAIBA TERESINA RIO DE JANEIRO BARRA DO PIRAI BELFORD ROXO BOM JESUS DO ITABAPOANA	44-34/234711 46-32242788 42-30285061 47-36450251 43-32651947 43-35341809 45-32651429 45-32651429 45-32651429 48-32522471 44-30561485 81-34281246 81-32220235 87-37610085 81-34831142 81-32230825 86-32214618 86-322230825 86-32214618
TAUA TIANGUA UBAJARA DISTRITO FEDERAL BRASILIA	88-34371987 88-36713336 88-36341233 61-36564840 61-33549615 61-3451991 28-36526349 27-32561251 27-37562245 27-377562245 27-377562245 27-377562245 27-377562245 27-377562245 27-377222288 27-3613806 27-3284292 27-3284292 27-3284292 62-33243562 64-34532878 64-34412786 62-33534967 62-33254967 62-332510933 62-32292008 64-34952401	CONTAGEM CORONEL FABRICIANO CURVELO DIVINOPOLIS FORMIGA GOVERNADOR VALADARES GUAXUPE IPATINGA ITABIRA ITAPECERICA ITAUINA JOAO MONLEVADE JOAO PINHEIRO JUIZ DE FORA LAGOA DA PRATA LAVRAS MANHUACU MONTE CARMELO MONTE SANTO DE MINAS MONTES CLAROS MURIAE NANUQUE NOVA LIMA OLIVEIRA PARACATU PASSOS PATOS DE MINAS PATOS DE DE MINAS PATOS DE MINAS PATOS DE MINAS PATOS DE MINAS PATOS DE MINAS PATOS DE DE MINAS PATOS DE DE MINAS PATOS DE DE MINAS	31-33912994 31-33912994 31-33912993 37-32212353 37-332214177 33-32716650 35-35514124 31-38222332 31-3816218 35-36211315 37-33411326 37-32412468 31-38512909 38-35611327 32-32151514 37-32613493 33-36212165 33-33314735 34-38422062 35-35911888 38-32218925 32-37224334 33-36212165 37-33314444 38-367112026 37-33314443 33-36212165 31-355122438 34-38422582 35-35214343 37-33714631	PARANAVAI PATO BRANCO PONTA GROSSA RIO NEGRO ROLANDIA SANTO ANTONIO PLATINA SAO MIGUEL DO IGUAÇU TOLEDO UMUARAMA PERNAMBUCO CABO SANTO AGOSTINHO CAMARAGIBE CARUARU GARANHUNS PAULISTA RECIFE RECIFE RECIFE SERRA TALHADA PIAUÍ PARNAIBA TERESINA TERESINA RIO DE JANERO BARRA DO PIRAI BELFORD ROXO BOM JESUS DO ITABAPOANA CABO FRIO	44-34/234711 46-32/24/786 42-30285061 47-36450251 47-36450251 43-32561947 43-35541809 45-32552/2471 44-30561485 81-34581246 81-35220235 87-37610085 81-34331142 81-32230825 86-32214618 24-24437745 21-27795797 22-38312216
TAUA TIANGUA UBAJARA DISTRITO FEDERAL BRASILIA BRARACRUZ BAIXO GUANDU BARRA DE SAO FRANCISCO CACHOEIRA DE ITAPEMIRIM COLATINA GUARAPARI SAO MATEUS SERRA VILA VELHA VITORIIA GOIAS ANAPOLIS CALDAS NOVAS CATALAO FORMOSA GOIANIS GOIANIA GOIANIA GOIANIA GOIANIA GOIANIA GOIANIA GOIANIA GOIATUBA INHUMAS	88-34371987 88-36713336 88-36341233 61-35564840 61-355649615 61-34451991 28-35526349 27-32561251 27-37321142 27-3752245 28-3522352 27-3264252 27-32891233 27-3223899 62-33243562 64-34412786 61-36318166	CONTAGEM CORONEL FARRICIANO CURVELO DIVINOPOLIS FORMIGA GOVERNADOR VALADARES GUAXUPE IPATINGA ITAJUBA ITAPECERICA ITAUNA JOAO MONLEVADE JOAO PINHEIRO JUIZ DE FORA LAGOA DA PRATA LAVRAS MANHUACU MONTE CARMELO MONTE CARMELO MONTE SANTO DE MINAS MONTES CLAROS MURIAE NANUQUE NOVA LIMA OLIVEIRA PARACATU PASSOS PATOS DE MINAS PATROCINIO PIUMHI POCOS DE CALDAS PONTE NOVA	31-3331/2994 31-3341/1804 38-37/21009 37-3221/2353 37-332/21477 33-327/16650 35-355141/24 31-382/22332 31-383162/18 35-362/1131/3 37-3241/2468 31-3831/205 34-3841/206 34-3841	PARANAVAI PARANAVAI PATO BRANCO PONTA GROSSA RIO NEGRO ROLANDIA SANTO ANTONIO PLATINA SAO MIGUEL DO IGUAÇU TOLEDO UMUARAMA PERNAMBUCO CABO SANTO AGOSTINHO CAMARAGIBE CARUARU GARANHUNS PAULISTA RECIFE RECIFE RECIFE RECIFE RECIFE RECIFE RESINA TERESINA TERESINA RIO BE JANEIRO BARRA DO PIRAI BELFORO ROXO BOM JESUS DO ITABAPOANA CABO FRIO CAMPOS DOS GOYTACAZES	44-34234711 46-32242788 42-30285081 47-36450251 43-32681947 43-355341809 45-32651429 45-32651429 45-32651429 81-34581248 81-35211823 81-34581246 81-37220255 87-37610085 81-342313399 81-34258123 87-3831142 81-32286123 87-38311401 86-33222877 86-322214618 24-24437745 21-277795797 22-38312216 22-26451819 22-72221499
TAUA TIANGUA UBAJARA DISTRITO FEDERAL BRASILIA	88-34371987 88-36713336 88-36341233 61-36564840 61-33549615 61-3451991 28-36526349 27-32561251 27-37562245 27-377562245 27-377562245 27-377562245 27-377562245 27-377562245 27-377222288 27-3613806 27-3284292 27-3284292 27-3284292 62-33243562 64-34532878 64-34412786 62-33534967 62-33254967 62-332510933 62-32292008 64-34952401	CONTAGEM CORONEL FABRICIANO CURVELO DIVINOPOLIS FORMIGA GOVERNADOR VALADARES GUAXUPE IPATINGA ITABIRA ITAPECERICA ITAUINA JOAO MONLEVADE JOAO PINHEIRO JUIZ DE FORA LAGOA DA PRATA LAVRAS MANHUACU MONTE CARMELO MONTE SANTO DE MINAS MONTES CLAROS MURIAE NANUQUE NOVA LIMA OLIVEIRA PARACATU PASSOS PATOS DE MINAS PATOS DE DE MINAS PATOS DE MINAS PATOS DE MINAS PATOS DE MINAS PATOS DE MINAS PATOS DE DE MINAS PATOS DE DE MINAS PATOS DE DE MINAS	31-33912994 31-33912994 31-33912993 37-32212353 37-332214177 33-32716650 35-35514124 31-38222332 31-3816218 35-36211315 37-33411326 37-32412468 31-38512909 38-35611327 32-32151514 37-32613493 33-36212165 33-33314735 34-38422062 35-35911888 38-32218925 32-37224334 33-36212165 37-33314444 38-367112026 37-33314443 33-36212165 31-355122438 34-38422582 35-35214343 37-33714631	PARANAVAI PATO BRANCO PONTA GROSSA RIO NEGRO ROLANDIA SANTO ANTONIO PLATINA SAO MIGUEL DO IGUAÇU TOLEDO UMUARAMA PERNAMBUCO CABO SANTO AGOSTINHO CAMARAGIBE CARUARU GARANHUNS PAULISTA RECIFE RECIFE RECIFE SERRA TALHADA PIAUÍ PARNAIBA TERESINA TERESINA RIO DE JANERO BARRA DO PIRAI BELFORD ROXO BOM JESUS DO ITABAPOANA CABO FRIO	44-34/234711 46-32/24/786 42-30285061 47-36450251 47-36450251 43-32561947 43-35541809 45-32552/2471 44-30561485 81-34581246 81-35220235 87-37610085 81-34331142 81-32230825 86-32214618 24-24437745 21-27795797 22-38312216

LISTA DE SERVIÇO AUTORIZADO-BRASIL

DUQUE DE CAXIAS	21-27711508	CONCORDIA	49-34423704	SAO CAETANO DO SUL	11-42275339
ITAGUAI	21-26886491	CRICIUMA	48-21015555	SAO CARLOS	16-33614913
ITAOCARA	22-38612740	CURITIBANOS	49-32410851	SAO JOAO DA BOA VISTA	19-36232990
ITAPERUNA	22-38236825	FLORIANOPOLIS	48-32049700	SAO JOSE DO RIO PARDO	19-36085760
MACAE	22-27591358	GAROPABA	48-32544104	SAO JOSE DO RIO PRETO	17-32325680
MAGE	21-263333342	INDAIAL	47-33333275	SAO JOSE DOS CAMPOS	12-39239508
NITEROI NOVA FRIBURGO	21-2622-0157 22-25227692	ITAJAI JARAGUA DO SUL	47-33444777 47-33722050	SAO PAULO SAO PAULO	11-29791184 11-38659897
PETROPOLIS	24-22454997	JOACABA	49-35220418	SAO PAULO	11-22722245
RESENDE	24-33550101	JOINVILLE	47-34331146	SAO PAULO	11-26940101
RIO DE JANEIRO	21-24264702	LAGES	49-32244414	SAO PAULO	11-32077111
RIO DE JANEIRO	21-25892030	LAGUNA	48-36443153	SAO PAULO	11-39757996
RIO DE JANEIRO	21-25096851	MARAVILHA	49-36640052	SAO PAULO	11-22976464
RIO DE JANEIRO	21-24315759	PINHALZINHO	49-33661014	SAO PAULO	11-56679695
RIO DE JANEIRO	21-25714999	PORTO UNIAO	42-35232839	SAO PAULO	11-38751333
RIO DE JANEIRO SAO GONCALO	21-3381-0711 21-27013214	RIO DO SUL RIO NEGRINHO	47-35211920 47-36440979	SAO PAULO SAO PAULO	11-38457575 11-22966122
TERESOPOLIS	21-27439467	SAO MIGUEL DO OESTE	49-36220026	SAO PAULO	11-22900122
TRES RIOS	24-22521388	TUBARAO	48-36261651	SAO PAULO	11-25770899
VOLTA REDONDA	24-33481601	VIDEIRA	49-35660376	SAO PAULO	11-32222311
		XANXERE	49-34333026	SAO ROQUE	11-47125635
RIO GRANDE DO NORTE				SAO VICENTE	13-34646559
CAICO	84-34171844	SÃO PAULO		SOROCABA	15-32241170
NATAL	84-32231249	AGUAS DE LINDOIA	19-38241524	SUZANO	11-47598671
NATAL PAU DOS FERROS	84-32132345 84-33512334	AMERICANA AMPARO	19-34062914 19-38072674	TABOAO DA SERRA TAQUARITINGA	11-47871480 16-32524039
PAU DOS FERROS	04-33312334	ARACATUBA	18-36218775	TAUBATE	12-36219080
RIO GRANDE DO SUL		ARARAQUARA	16-33368710	TIETE	15-32822452
BAGE	53-32411295	ASSIS	18-33242649	TUPA	14-34962596
BENTO GONCALVES	54-34526825	ATIBAIA	11-44118145	VALINHOS	19-38716629
CAMAQUA	51-36711686	AVARE	14-37322142	VOTUPORANGA	17-34214940
CANELA	54-32821551	BARRETOS	17-33222742		
CARAZINHO	54-33302292	BAURU	14-31049551	SERGIPE	
CAXIAS DO SUL	54-30211808	BIRIGUI	18-36424011	ARACAJU	79-32176080
DOIS IRMAOS ERECHIM	51-35641286 54-33211933	BOTUCATU CAMPINAS	14-38821081 19-37372500	ITABAIANA LAGARTO	79-34313023 79-36312656
ESTANCIA VELHA	51-35612142	CAMPOS DO JORDAO	12-36622142	LAGARTO	19-30312030
FARROUPILHA	54-32683603	CATANDUVA	17-35232524	TOCANTINS	
FLORES DA CUNHA	54-32922625	CERQUILHO	15-32842121	ARAGUAINA	63-34111818
FREDERICO WESTPHALEN	55-37441850	CRUZEIRO	12-31433859	GUARAI	63-34641590
GRAVATAI	51-30422830	DIADEMA	11-40430669	GURUPI	63-33511038
IJUI	55-33327766	DRACENA	18-38212479	PALMAS	63-32175628
LAJEADO	51-37145155	FERNANDOPOLIS	17-34423752		
MARAU MONTENEGRO	54-33424571 51 - 36324187	FRANCA FRANCO DA ROCHA	16-37223898 11-44492608		
NOVA PRATA	54-32421328	GUARATINGUETA	12-31335030		
NOVO HAMBURGO	51-35823191	GUARUJA	13-33582942		
OSORIO	51-36632524	GUARULHOS	11-24431153		
PASSO FUNDO	54-33111104	IBITINGA	16-33417665		
PELOTAS	53-32223633	INDAIATUBA	19-38753831		
PORTO ALEGRE	51-32226941	ITAPETININGA	15-32710936		
PORTO ALEGRE	51-33256653	ITAPIRA	19-38633802		
PORTO ALEGRE RIO GRANDE	51-32268834 53-32323211	ITAPOLIS ITAQUAQUECETUBA	16-32622524 11-46404162		
SANTA CRUZ DO SUL	53-32323211	ITARARE	15-35322743		
SANTA GROZ DO SOL	55-30282235	ITU	11-40230188		
SANTA ROSA	55-35113449	ITUVERAVA	16-37293365		
SAO JOSE DO OURO	54-33521216	JALES	17-36324479		
SOBRADINHO	51-37421409	JAU	14-36222117		
TAPERA	54-33851160	JUNDIAI	11-45862182		
TAQUARI	51-36534390	LEME	19-35713528		
TORRES TRES DE MAIO	51-36641940 55-35358727	LIMEIRA LINS	19-34413179 14-35227283		
URUGUAIANA	55-34118069	MARILIA	14-35227283		
VACARIA	54-32311396	MATAO	16-33821046		
VENANCIO AIRES	51-37411443	MAUA	11-45145233		
VERA CRUZ	51-37181350	MOGI DAS CRUZES	11-47941814		
		MOGI GUAÇU	19-38181171		
RONDÔNIA		MOJI MIRIM	19-38624401		
BURITIS	69-32383830	OLIMPIA	17-32805378		
CACOAL	69-34431415	OSASCO	11-36837343		
GUAJARA MIRIM PORTO VELHO	69-35414430 69-32273377	OURINHOS PIRACICABA	14-33225457 19-34340454		
FORTO VELHO	09-32213311	PIRACICABA PIRASSUNUNGA	19-35614091		
RORAIMA		PORTO FERREIRA	19-35851891		
BOA VISTA	95-32249605	PRESIDENTE PRUDENTE	18-32225168		
	-	PROMISSAO	14-35411696		
SANTA CATARINA		REGISTRO	13-38212324		
ARARANGUA	48-35220304	RIBEIRAO PRETO	16-36368156		
BALNEARIO CAMBORIU	47-33630706	RIBEIRAO PRETO	16-39049908		
BLUMENAU	47-33233907	RIO CLARO	19-35348543		
BRUSQUE CANOINHAS	47-33557518 47-36223615	SALTO SANTO ANDRE	11-40296563 11-49905288		
CAPINZAL	49-35552266	SANTO ANDRE SANTOS	13-32272947		
CHAPECO	49-33221144	SAO BERNARDO CAMPO	11-41257000		

CERTIFICADO DE GARANTIA NO BRASIL

Este aparelho é garantido pela Philips do Brasil Ltda, por um período superior ao estabelecido por lei. Porém, para que a garantia tenha validade, é imprescindível que, além deste certificado, seja apresentada a nota fiscal de compra do produto.

A Philips do Brasil Ltda. assegura ao proprietário consumidor deste aparelho as seguintes garantias, a partir da data de entrega do produto, conforme expresso na nota fiscal de compra, que passa a fazer parte deste certificado:

Garantia para rádios e reprodutores de CD portáteis (sem caixa acústica destacável): I 80 dias Garantia para os demais produtos da marca Philips: 365 dias.

Esta garantia perderá sua validade se:

- O defeito apresentado for ocasionado pelo uso indevido ou em desacordo com o seu manual de instruções.
- O produto for alterado, violado ou consertado por pessoa não autorizada pela Philips.
- O produto for ligado a fonte de energia (rede elétrica, pilhas, bateria, etc.) de características diferentes das recomendadas no manual de instruções e/ou no produto.
- O número de série que identifica o produto estiver de alguma forma adulterado ou rasurado.

Estão excluídos desta garantia defeitos decorrentes do descumprimento do manual de instruções do produto, de casos fortuitos ou de força maior, bem como aqueles causados por agentes da natureza e acidentes. Excluem-se igualmente desta garantia defeitos decorrentes do uso dos produtos em serviços não doméstico/residencial regular ou em desacordo com o uso recomendado.

ESTÃO EXCLUÍDAS DA GARANTIA ADICIONAL AS PILHAS OU BATERIAS FORNECIDAS JUNTO COM O CONTROLE REMOTO.

Nos municípios onde não exista assistência técnica autorizada Philips, as despesas de transporte do aparelho e/ou técnico autorizado comem por conta do consumidor requerente do serviço. A garantia não será válida se o produto necessitar de modificações ou adaptações para habilitá-lo a operar em qualquer outro país que não aquele para o qual foi designado, fabricado, aprovado e/ou autorizado, ou ter sofrido qualquer dano decorrente deste tipo de modificação.

Philips do Brasil Ltda.

No Brasil, para informações adicionais sobre o produto, entre em contato com o CIC - Centro de Informações ao Consumidor através dos telefones (11) 2121-0203 (Grande São Paulo) e 0800-701-0203 (demais regiões e estados).

Horário de atendimento: de segunda a sexta-feira, das 8h às 20h e sábados das 8h às 13h. Visite também nossa página de suporte ao consumidor no website www.philips.com.br/suporte, onde também está disponível a lista completa e atualizada das assistências técnicas autorizadas Philips.

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

Certificado de Garantía en Argentina

Artefacto: Fabricante/Importador: Philips Argentina S.A. y/o Fábrica Austral de Productos Eléctricos S.A. Dirección: Vedia 3892 - Buenos Aires Fecha de Venta:	Aodelo:	
		Nro. de serie

Firma y sello de la casa vendedora.

- PHILIPS ARGENTINA S.A. en adelante denominada "la empresa", garantiza al comprador de este artefacto por el término de (1) año a partir de la fecha de adquisición, el normal funcionamiento contra cualquier defecto de fabricación y/o vicio de material, y se compromete a reparar el mismo —sin cargo alguno para el adquirente— cuando el mismo fallare en situaciones normales de uso y bajo las condiciones que a continuación se detallan:
- Este certificado de garantía es válido únicamente en la Republica Argentina. El certificado debe ser completado por la casa vendedora y ser presentado por el usuario conjuntamente con la factura original de compra.
- 2 . Serán causas de anulación de esta garantía en los casos que corresponda:
 - 2.1. Uso impropio o distinto del uso doméstico.
 - 2.2. Exceso o caídas de tensión eléctrica que impliquen uso en condiciones anormales.
 - 2.3. Instalación y/o uso en condiciones distintas a las marcadas en el "Manual de instalación y uso" que se adjunta a esta garantía.
 - 2.4. Cualquier intervención al artefacto por terceros no autorizados por la empresa.
- 3. La garantía carecerá de validez si se observare lo siguiente:
 - 3.1. Enmiendas o raspaduras en los datos del certificado de garantía o factura.
 - 3.2. Falta de factura original de compra que detalle tipo de artefacto, modelo, número de serie y fecha que coincida con los del encabezamiento del presente certificado.
- 4. No están cubiertos por esta garantía los siguientes casos:
 - 4.1. Los daños ocasionados al exterior del gabinete.
 - 4.2. Las roturas, golpes, caídas o rayaduras causadas por traslados.
 - 4.3. Los daños o fallas ocasionados por deficiencias, sobretensiones, descargas o interrupciones del circuito de alimentación eléctrica o rayos, deficiencias en la instalación eléctrica del domicilio del usuario o conexión del artefacto a redes que no sean las especificadas en el Manual de Uso del mismo.
 - 4.4. Las fallas, daños, roturas o desgastes producidos por el maltrato o uso indebido del artefacto y/o causadas por inundaciones, incendios, terremotos, tormentas eléctricas, golpes o accidentes de cualquier naturaleza.
 - 4.5. Las fallas o daños ocasionados en desperfectos en la línea telefónica.
 - 4.6. Las fallas producidas por una mala recepción ocasionada en el uso de una antena deficiente o en señales de transmisión débiles.
- 5. Las condiciones de instalación y uso del artefacto se encuentran detalladas en el Manual de Uso del mismo.
- 6. La empresa no asume responsabilidad alguna por los daños personales o a la propiedad al usuario o a terceros que pudieran causar la mala instalación o uso indebido del artefacto, incluyendo en este último caso a la falta de mantenimiento.
- 7. En caso de falla, el usuario deberá requerir la reparación a la empresa a través del Service Oficial y/o Talleres Autorizados más próximos a su domicilio y cuyo listado se acompaña al presente. La empresa a segura al usuario la reparación y/o reposición de piezas para su correcto funcionamiento en un plazo no mayor a 30 días contados a partir de la fecha de solicitud de reparación, salvo caso fortuito o fuerza mayor.

- 8. Toda intervención del servicio técnico realizada a pedido del usuario dentro del plazo de garantía, que no fuera originada por falla o defecto alguno cubierto por este certificado, deberá ser abonado por el interesado de acuerdo a la tarifa vigente.
- 9. El presente certificado anula cualquier otra garantía implícita o explícita, por la cual y expresamente no autorizamos a ninguna otra persona, sociedad o asociación a asumir por nuestra cuenta ninguna responsabilidad con respecto a nuestros productos.
- 10. En caso de que durante el período de vigencia de esta garantía el artefacto deba ser trasladado a las Delegaciones Oficiales y/o Talleres Autorizados de Service para su reparación, el transporte será realizado por la empresa y serán a su cargo los gastos de flete y seguros y cualquier otro que deba realizarse para su ejecución.

Red de Talleres Autorizados en Argentina

CAPITAL FEDERAL

ATTENDANCE S.A.

- Av. Monroe 3351 (C1430BKA) Cap. Fed.
- Tel.: 4545-5574/0704 ó 6775-1300
- Ventas de Repuestos y Accesorios
- Tel.: 4545-0854

DIG TRONIC

- Av. San Martín 1762 (C1416CRS) Cap. Fed.
- Tel.: 4583-1501

ELECTARG S.R.L.

- Av. Córdoba 1357 (C1055AAD) Cap. Fed.
- Ventas de Repuestos y Accesorios
- Tel.: 4811-1050

Caballito Electarg J. M. Moreno 287 4903-6967/6854/8983

BUENOS AIRES

Azul	Herlein Raúl Horacio	Av. 25 de Mayo 1227	(02281) 428719
Bahía Blanca	Neutron	Soler 535	(0291) 4535329
Bragado	Yacovino Juan J.	San Martín 2141	(02342) 424147
Campana	Electricidad Krautor	Lavalle 415	(03489) 432919
Chivilcoy	Fama	Coronel Suárez 110	(02346) 424129
Junín	Junín Service	Alsina 537	(02362) 442754
La Plata	Da Tos e Hijos	Calle 68 Nº 1532	(0221) 4516021
La Plata	Service Técnico La Plata	Av. 51 N° 1051 esq. 16	(0221) 4108155
Mar de Ajó	Tauro Electrónica	Catamarca 14	(02257) 421750
Mar del Plata	Central Service	Olazábal 2249 (0223) 4	721639/4729367
Mar del Plata	Service Integral	Diag. Pueyrredón 3229	(0223) 4945633
Necochea	Electrónica Camejo	Calle 63 Nº 1745	(02262) 426134
Pehuajó	Calcagni Carlos Alberto	Zubiría 794	(02396) 472665
Pergamino	ACV Sistemas	Dr. Alem 758	(02477) 421177
Pergamino	El Service	Juan B. Justo 1931	(02477) 418000

San Nicolás	Servitec	Bv. Alvarez 148 (03461) 454729/429578
San Pedro	Electrónica Menisale	Mitre 1695	(03329) 425523
Tandil	Lazzarini Oscar Rafael	Pellegrini 524	(02293) 442167
Trenque Lauquen	Labrune Electrónica	Av. San Martín 426	(02392) 423248
Tres Arroyos	Saini Fabián y Sergio	Av. Belgrano 562	(02983) 427369
Zárate	Electrónica Spinozzi	Ituzaingó 1030	(03487) 427353

PHILIPS

GRAN BUENOS AIRES

Avellaneda	Casa Torres S.A.	Av. Mitre 2559	4255-5854
Florencio Varela	Casa Torres S.A.	San Martín 2574	4255-5854
Gregorio de Laferrere	Electrónica Alvarez	Honorio Luque 6084	4626-1322
Lomas de Zamora	Attendance S.A. Lomas	Laprida 485	4292-8900
Merlo	Argentrónica S.H.	Pte. Cámpora 2175 (0220) 4837	177/4829934
Moreno	Argentrónica S.H.	Bmé. Mitre 2977 loc.2 (023	7) 4639500
Morón	Servotronic	Ntra. Sra. del Buen Viaje 1222	4627-5656
Olivos	Appliance	Av. Libertador 2684	4794-7700
Quilmes	Casa Torres S.A.	E. Ríos esq. Gran Canaria	4255-5854
Ramos Mejía	Electarg S.R.L. Suc.	Belgrano 224	4656-0619
San Miguel	Servotronic San Miguel	Belgrano 999	4664-4131
Villa Ballester	Servotronic	J. Hernández 3101 4767-2515	/4768-5249

CATAMARCA

Catamarca	Omicron Central de Serv.	San Martín 225	(03833) 427235
CHACO Resistencia	Freschi Jorge Oscar	Av. Avalos 320	(03722) 426030
СНИВИТ	Ü		,
Comodoro Rivadavia	C.A.S. S.R.L.	Alem 145	(0297) 4442629
Trelew	Fagtron Electrónica	Brasil 253	(02965) 427073

CORDOBA

COMPORA			
Córdoba Capital	Servelco S.R.L.	Pje. E. Marsilla 635 (0351)	4724008/4732024
Río Cuarto	Maurutto Víctor G.	Bv. Almafuerte 487	(0358) 4660204
Río Cuarto	Capaldi Abel	Paunero 832	(0358) 462300
Río Tercero	Service Omega	Homero Manzi 149	(03571) 423330
San Francisco	Acuña Walter Electrónica	M. Moreno 360	(03564) 425367
Villa María	Grasso Electrónica	Bv. Alvear 541	(0353) 4521366
Villa María	Vanguard Sist. Electrónicos	México 421	(0353) 4532951

Language Code

Abkhazian		6566	Inupiaq	7375	Pushto	8083
Afar		6565	Irish	7165	Russian	8285
Afrikaans		6570	Íslenska	7383	Quechua	8185
Amharic		6577	Italiano	7384	Raeto-Romance	8277
Arabic		6582	lvrit	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
Azerhaijani		6590	Kashmiri	7583	Sardinian	8367
Bahasa Mela	ıyu	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, No	rwegian	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: Chie	chewa; Nyanj	a 7889	Lithuanian	7684	Tagalog	8476
中文	,,,	9072	Luxembourgish;	7666	Tahitian	8489
Chuang; Zh	uang	9065	Macedonian	7775	Taiik	8471
Church Slav		6785	Malagasy	7771	Tamil	8465
Chuvash		6786	Magyar	7285	Tatar	8484
Corsican		6779	Malayalam	7776	Telugu	8469
esky		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	Türkce	8482
Euskara		6985	Nauru	7865	Turkmen	8475
		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; Scot	tish Gaelic	7168	Nepali	7869	Vietnamese	8673
Gallegan		7176	Norsk	7879	Volapuk	8679
Georgian		7565	Northern Sami	8369	Walloon	8765
Gikuyu; Kik	uyu	7573	North Ndebele	7868	Welsh	6789
Guarani	•	7178	Norwegian Nynorsk;	7878	Wolof	8779
Gujarati		7185	Occitan; Provencal	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		
Hrwatski		6779	Pali	8073		
Ido		7379	Panjabi	8065		
	Internationa		Persian	7065		
Interlingue		7365	Polski	8076		
Inuktitut		7385	Português	8084		
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