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# DVP3250K DVP3254K



EN	DVD Video Player	6
ES_LA	Reproductor de video DVD	48
PT_BR	Aparelho de vídeo DVD	90

# **PHILIPS**

México NOM·135·₩

Es necesario que lea cuidadosamente su instructivo de manejo.





Para evitar el riesgo de choque eléctrico, no quite la tapa. En caso de requerir servicio, dirijase al personal calificado.

Descripción: Reproductor de DVD
Modelo: DVP3250K, DVP3254K
Alimentación: 110 V-240 V: ~50-60 Hz

Consumo: <10 W

Importador: Philips Mexicana, S.A. de C.V.

Domicilio: Av. La Palma No.6,

Col. San Fernando, La Herradura Huixquilucan, Edo de Mexico

C.P. 52784, Mexico

Localidad y Tel.: **Tel. 52 69 90 00** 

Exportador: Philips Electronics HK, Ltd.

País de Origen: China

Nº de Serie:

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

### **AVISO IMPORTANTE**

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- Maltrato, descuido o mal uso, presencia de insectos o roedores (cucarachas, ratones etc.).
- Cuando el aparato no haya sido operarado de acuerdo con el instructivo del uso, fuera de los valores nominales y tolerancias de las tensiones (voltaje), frecuencia (ciclaje) de alimentación eléctrica y las características que deben reunir las instalaciones auxiliares
- Por fenómenos naturales tales como: temblores, inundaciones, incendios, descargas eléctricas, rayos etc. o delitos causados por terceros (choques asaltos, riñas, etc.).

**LASER** 

Type Semiconductor laser

InGaAIP (DVD) AIGaAs (CD)

Wave length

658 nm (DVD) 790 nm (CD)

**Output Power** 

7.0 mW (DVD)

Beam divergence

10.0 mW (VCD/CD) 60 degrees

Due to the inconsistency of disc formats provided by various disc manufacturers, your DVD system/ player/recorder may require a playability enhancement or upgrade. As DVD technology advances, these enhancement will become common and will be easy to complete.

Go to www.philips.com/support for software upgrade.

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



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#### **CAUTION**

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

Where the MAINS plug or an appliance coupler is used as the disconnect device, the disconnect device shall remain readily operable.

Registre su producto y obtenga asistencia técnica en www.philips.com/welcome

Registre o produto e obtenha suporte em www.philips.com/welcome

ATTENTION	
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Serial No.

For Customer Use:

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

Model No.	DVP3250K, DVP3254K

# 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 Melayu	7783	Kazakh	7575	Serbian	8382
Bashkir	6665	Kernewek	7587	Shona	8378
Belarusian	6669	Khmer	7577	Shqip	8381
Bengali	6678	Kinyarwanda	8287	Sindhi	8368
Bihari	6672	Kirghiz	7589	Sinhalese	8373
Bislama	6673	Komi	7586	Slovensky	8373
Bokmål, Norwegian	7866	Korean	7579	Slovenian	8376
Bosanski	6683	Kuanyama; Kwanyama	7574	Somali	8379
Brezhoneg	6682	Kurdish	7585	Sotho; Southern	8384
Bulgarian	6671	Lao	7679	South Ndebele	7882
Burmese	7789	Latina	7665	Sundanese	8385
Castellano, Español	6983	Latvian	7686	Suomi	7073
Catalán	6765	Letzeburgesch;	7666	Swahili	8387
Chamorro	6772	Limburgan; Limburger	7673	Swati	8383
Chechen	6769	Lingala	7678	Svenska	8386
Chewa; Chichewa; Nyanj		Lithuanian	7684	Tagalog	8476
中文	9072	Luxembourgish;	7666	Tahitian	8489
Chuang; Zhuang	9065	Macedonian	7775	Tajik 	8471
Church Slavic; Slavonic	6785	Malagasy	7771	Tamil	8465
Chuvash	6786	Magyar	7285	Tatar	8484
Corsican	6779	Malayalam	7776	Telugu	8469
Česky	6783	Maltese	7784	Thai	8472
Dansk	6865	Manx	7186	Tibetan	6679
Deutsch	6869	Maori	7773	Tigrinya	8473
Dzongkha	6890	Marathi	7782	Tonga (Tonga Islands)	8479
English	6978	Marshallese	7772	Tsonga	8483
Esperanto	6979	Moldavian	7779	Tswana	8478
Estonian	6984 6985	Mongolian Nauru	7778 7865	Türkçe Turkmen	8482 8475
Euskara	6976		7886	Twi	8487
Ελληνικά	7079	Navaho; Navajo Ndebele, North	7868	Uighur	8571
Faroese	7079	Ndebele, South	7882	Ukrainian	8575
Français Frysk	7082	Ndonga	787 I	Urdu	8582
Fijian	7074	Nederlands	7876	Uzbek	8590
Gaelic; Scottish Gaelic	7168	Nepali	7869	Vietnamese	8673
Gallegan	7176	Norsk	7879	Volapuk	8679
Georgian	7565	Northern Sami	8369	Walloon	8765
Gikuyu; Kikuyu	7573	North Ndebele	7868	Welsh	6789
Guarani	7178	Norwegian Nynorsk;	7878	Wolof	8779
Gujarati	7178	Occitan; Provencal	7967	Xhosa	8872
Hausa	7265	Old Bulgarian; Old Slavonic		Yiddish	8973
Herero	7290	Oriya	7982	Yoruba	8979
Hindi	7273	Oromo	7977	Zulu	9085
Hiri Motu	7279	Ossetian; Ossetic	7983	<u>_uiu</u>	7003
Hrwatski	6779	Pali	8073		
Ido	7379	Panjabi	8065		
Interlingua (Internationa		Persian	7065		
Interlingua (Internationa	7365	Polski	8076		
Inuktitut	7385	Português	8084		
arcicuc	. 505				

Español48
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English -----

B. Português -----

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

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

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## **General Information**

#### WARNING!

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

## Setup precautions

#### Finding a suitable location

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

#### Space for ventilation

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

# Avoid high temperature, moisture, water and dust

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

# Copyright notice

The making of unauthorized copies of copy-protected material, including computer programmes, files, broadcasts and sound recordings, may be an infringement of copyrights and constitute a criminal offence. This unit should not be used for such purposes.

## **Accessories supplied**

- I remote control with batteries
- I audio/video cables (yellow/white/ red)
- I power cable

## **Cleaning discs**

#### **CAUTION!**

Risk of damage to discs! Never use solvents such as benzene, thinner, cleaners available commercially, or antistatic sprays intended for discs.

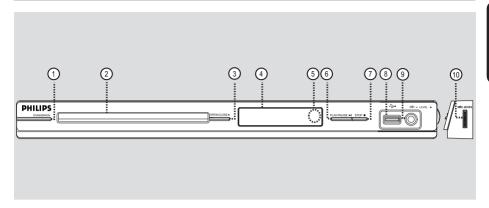
 Wipe the disc with a micro fibre cleaning cloth from the center to the edge in a straight line movement.





# **About recycling**

This user manual is printed on non-polluting paper. This unit contains a large number of materials that can be recycled. If you are disposing an old equipment, please take it to a recycling center. Please observe the local regulations regarding disposal of packaging materials, exhausted batteries and old equipment.



#### ① STANDBY-ON

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

#### 2 Disc tray

### ③ OPEN/CLOSE ▲

Opens/closes the disc tray.

#### (4) Display panel

 Shows information about the current status of the unit.

#### (5) IR Sensor

Point the remote control towards this sensor.

#### (6) PLAY/PAUSE ►II

Starts/pauses playback.

### ⑦ STOP ■

Stops playback.

### (B) ↔ (USB) jack

- Input for USB flash drive or digital camera.
  - \* Not all brands and models of digital cameras are supported.

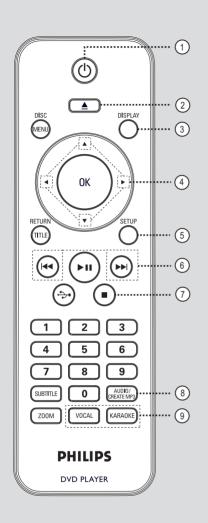
#### (9) MIC

- For microphone connection.

#### (10) MIC LEVEL

- Microphone volume control.

## **Remote Control**



- ① (Standby-On)
- Turns on this unit or turns off to normal standby mode.
- ② ≜ (Open/Close)
- Opens/closes the disc tray.

### ③ DISPLAY

Displays the current status or disc information.

### (4) ▲▼◀▶

- — ▲▼: Cursor buttons for moving up/down or press up/down for a slow backward or forward search.
- ■: Cursor buttons for moving to the left/right or press left/right for fast backward or forward search.

#### (5) SETUP

- Enters or exits the disc setup menu.

### 

- Skips to the previous or next title/ chapter/track.
- Press and hold this button for fast backward or forward search.

## ⑦ **■** (Stop)

Stops playback.

## **® AUDIO/CREATE MP3**

- Selects an audio language or channel.
- Access create MP3 menu

#### (9) VOCAL

Choose audio channel or karaoke method.

#### **KARAOKE**

 Toggles between 'MIC', 'Vol', 'Echo', 'Key' or 'Karaoke Scoring'.

# Remote Control (continued)

#### (10) DISC MENU

- Enters or exits disc contents menu.
- For VCD 2.0 and SVCD, turns on or off the playback control mode.

#### (11) **OK**

Confirms an entry or selection.

### (12) RETURN/TITLE

 Returns to the previous menu or shows title menu

# (13) ►II (Play/Pause)

Starts or pauses playback.

## (14) 🛟 (USB)

Switches to USB mode and shows the content of the USB device.

### (15) Numeric keypad 0-9

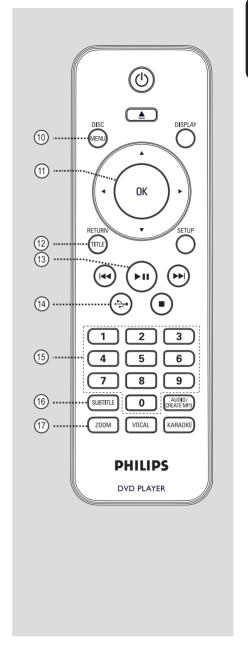
Selects a track or title number of the disc.

## **16 SUBTITLE**

Selects a DVD subtitle language.

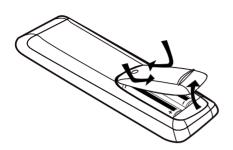
### (17) **ZOOM**

Zoom the picture on the TV.

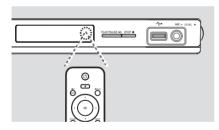


# Remote Control (continued)

### Using the remote control



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



#### Note:

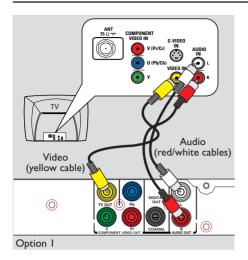
Never place any objects between the remote control and this unit while operating.

Select the desired function (for example ►II).

#### **CAUTION!**

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

## **Basic Connections**



# Step I: Connecting to television

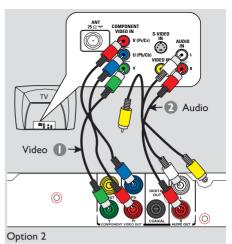
This connection enables you to view the video playback from this unit. You only need to choose <u>one</u> of the options below to make the video connection.

- For a standard TV, follow option I.
- For a progressive scan TV, follow option 2.

# Option I: Using Composite Video iacks (CVBS)

You can connect this unit to a TV through the composite video cable which provides good picture quality.

Connect the audio/video cables (supplied) from the TV OUT and AUDIO OUT L/R jacks on this unit to the video input jack (yellow) and audio input jacks (red/white) on your TV.

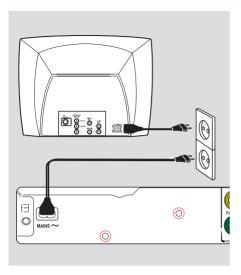


# Option 2: Using Component Video jacks (Y Pb Pr)

You can connect this unit to a TV through the component video cables which provides superior picture quality. The progressive scan video quality is only available when using Y Pb Pr connection and a progressive scan TV is required.

- Connect the component video cables (red/blue/green - not supplied) from the Y Pb Pr jacks on this unit to the corresponding component video input jacks (or labeled as Y Pb/Cb Pr/Cr or YUV) on your TV.
- Connect the audio/video cables (supplied) from the AUDIO OUT L/R jacks on this unit to the audio input jacks (red/white) on your TV. Leave the yellow video cable disconnected.
- 3 Proceed to 'Getting Started Setting up Progressive Scan feature' for detailed progressive feature setup.

# **Basic Connections** (continued)



Step 2: Connecting the power cord

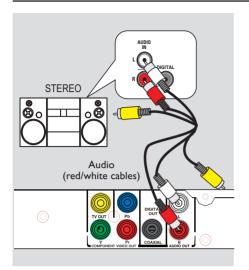
After everything is connected properly, plug the AC power cord into the power outlet.

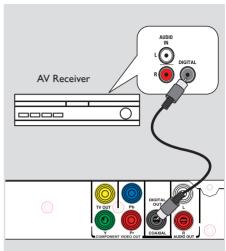
Never make or change any connections with the power turned on.

### Helpful Hint:

 Refer to the type plate at the rear or bottom of the product for identification and supply ratings.

# **Optional Connections**





# Connecting to an Analog Stereo System

You can connect this unit to a two channel stereo system (e.g. mini system, analog receiver) in order to enjoy stereo sound output.

- Connect the audio/video cables
   (supplied) from the AUDIO OUT L/R
   jacks on this unit to the audio input jacks
   (red/white) on your connecting device.
   Leave the yellow video cable
   disconnected.
- ② For video connection, see 'Basic Connections - Step 1: Connecting to television' for details.

#### Helpful Hint:

 See 'Setup Menu Options - Audio Setup Page' for optimum audio settings.

# Connecting to a Digital AV Amplifier/Receiver

You can connect this unit to an AV amplifier/receiver in order to enjoy quality sound.

- Connect a coaxial cable (not supplied) from the COAXIAL DIGITAL OUT jack on this unit to the digital coaxial input jack of the connected device.
- 2 For video connection, see 'Basic Connections - Step 1: Connecting to television' for details.

#### Helpful Hint:

 You have to set the appropriate Digital Audio Output setting. Otherwise, no sound or interference may occur. See 'Setup Menu Options - Audio Setup Page > Digital Audio Setup' for details.

# **Getting Started**

# Finding the correct viewing channel

- n Press ( to turn on this unit.
- 2 Turn on the TV and switch it to the correct video-in channel. You should see the blue DVD background screen.
  - → You may go to the lowest channel on your TV, then press the Channel Down button on your TV's remote control until you see the Video In channel.
  - → You may press ⊕ button repeatedly on your TV's remote control.
  - → Usually this channel is between the lowest and highest channels and may be called FRONT, A/V IN, VIDEO, etc.
  - → Refer to your TV user manual on how to select the correct input on your TV.
- ③ If you are using external device, (such as audio system or receiver), turn it on and select the appropriate input source for this unit output. Refer to the device user's manual for detail.

## Setting language preferences

The language options are different depending on your country or region. It may not correspond to the illustrations shown on the user manual.

#### On-screen display (OSD) language

Select this to change the language of the On screen display menu of this unit. The menu language will remain once you have set it.

- Press SETUP on the remote control.→ { General Setup Page } appears.
- ② Use ▲▼ keys to select { OSD Language } in the menu and press ▶.



3 Select a language and press **OK** to confirm.

# **Getting Started** (continued)

# Audio, Subtitle and Disc Menu language for DVD playback

You can select your preferred language settings for DVD playback. If the selected language is not available on the disc, the disc's default language is used instead.

- Press twice to stop playback (if any), then press SETUP.
- ② Press ► repeatedly to select { Preference Page }.
- 3 Use ▲▼ keys to select one of the options below and press ▶.

Preference Page		
Audio	English	
Subtitle	Chinese	
Disc Menu	French	
Parental	Spanish	
PBC	Portuguese	
Mp3/Jpeg Nav	Polish	
Password	Italian	

#### { Audio }

Select this to change disc sound track language.

#### { Subtitle }

Select this to change the subtitle language.

#### { Disc Menu }

Select this to change the language of the disc menu.

4 Use ▲▼ keys to select a language and press OK to confirm.

If the language you want is not in the list, then select { Others }, then use the numeric keypad 0-9 on the remote control to enter the 4-digit language code 'XXXX' (see 'Language Code') and press OK.

**6** Repeat steps **3** - **4** for other language settings.

# Getting Started (continued)

# Setting up Progressive Scan feature

(for Progressive Scan TV only)

The progressive scan displays twice the number of frames per second than interlaced scanning (ordinary normal TV system). With nearly double the number of lines, progressive scan offers higher picture resolution and quality.

#### Before you start...

- Ensure that you have connected this unit to a progressive scan TV (see 'Option 2: Using Component Video jacks (Y Pb Pr)').
- Turn on the TV to the correct viewing channel for this unit.
  - → Make sure that the TV progressive scan mode is turned off (or set to interlaced mode). Refer to your TV user manual.
- 2 Turn on this unit and press SETUP on the remote control.
- ③ Press ▶ repeatedly to select { Video Setup Page }.
- 4 Use ▲▼ keys to select { Progressive } > { On } in the menu and press OK to confirm.

Video Setup Page		
TV Type TV Display Progressive Picture Setting	<b>O</b> n Off	

6 Read the notification message on the TV and confirm your action by selecting the { OK } in the menu and press OK.

There will be no picture on your TV at this state until you have turned on the progressive scan mode on your TV.

- Turn on your TV progressive scan mode, refer to your TVs user manual.
   → A message appears on the TV.
- Confirm your action by selecting the { OK } in the menu and press OK.
   The setup is now completed and you can start to enjoy the high quality picture.

#### If no picture is displayed

- Press numeric keypad 'I' on the remote control.

### Helpful Hints:

- If a blank/distorted screen appears, wait for 15 seconds for the auto recovery.
- There are some progressive scan TV that are not fully compatible with this unit, resulting in an unnatural picture when playing back a DVD VIDEO disc in the progressive scan mode. In such a case, turn off the progressive scan feature on this unit and your TV.

# **Disc Operations**

## Playable discs





















#### This unit plays:

- Digital Versatile Discs (DVDs)
- Video CDs (VCDs)
- Super Video CDs (SVCDs)
- Finalized DVD Recordable (DVD±R),
   DVD Rewritable (DVD±RW)
- Audio Compact Discs (CDs)
- MP3/ WMA discs
  - The file extension has to be '.mp3', '.wma'
  - JPEG/ISO format
  - Maximum 14 characters display.
  - Supported bit-rate;32 320 kbps (MP3)
    - 64 192 kbps (WMA)
- Picture files (Kodak, JPEG) on CD-R(W)/DVD+R(W)
  - The file extension has to be '.JPG' and not '.JPEG.'
  - IPEG/ISO format
  - It can only display DCF-standard still pictures or JPEG pictures.
- DivX® files on CD-R(W)/ DVD+R(W)
  - The file extensions has to be '.AVI,' or '.MPG.'
  - DivX® Certified
  - Q-pel accurate motion compensation
  - Global Motion Compensation (GMC) playback

# Region codes for DVD discs

DVD discs and players are designed with regional restrictions. Before playing a disc, make sure the disc is for the same region as your unit. The region code for this unit is indicated at the rear panel.

Region	Discs that can be played
U.S.A. and Canada regions	
U.K and Europe regions	
Asia Pacific, Taiwan, Korea	
Australia, New Zealand, Latin America	
Russia and India regions	
China, Calcos Islands, Walls and Futuna Islands	

#### Helbful Hints:

- Maximum 10 sessions for CD and 10 multi border for DVD are supported.
- For DVD-R and DVD-RW multi border, only finalized discs are supported.

#### Notes:

- Never put any objects other than discs in the disc tray. Doing so may cause the unit to malfunction.

## Playing a disc

- Press () to turn on this unit.
- 2 Turn on the TV to the correct viewing channel for this unit.
- 4 Load a disc into the disc tray and press ▲.
  - → Make sure the disc label is facing towards you.
- 6 Playback starts automatically.
  - → If not, press ►II.
  - → See the following pages for more playback options and features.

### Helpful Hints:

- Never close the disc tray manually.
- If you are having trouble playing a certain disc, remove the disc and try a different one. Improperly formatted discs cannot be played on this unit.
- Some discs cannot be played on this unit due to the configuration and characteristics of the disc, or due to the condition of recording and authoring software that was used.

# **Basic playback controls**

#### Pausing playback

- During playback, press ►II.
  - → To resume playback, press ►II.

#### Selecting another track/chapter/ title

- Press I◄◄/ ►►I or use the numeric keypad 0-9 to enter a track/ chapter/title number.
- → If the repeat track mode is active, press I again to replay the same track/chapter/title.

# Searching backward/forward (not applicable for JPEG)

- Press and hold I◄◄ / ▶►I.
  - → While searching, press ◀ / ► repeatedly to select different search speed (2X, 4X, 8X, 16X, 32X).
  - → To resume normal playback, press

# Playing in slow motion mode (not applicable for CD/WMA/MP3/ JPEG)

- During playback, press ▲/ ▼ to start slow motion play.
  - → Sound will be muted. Press ▲/ ▼ repeatedly to select different play speed (1/2, 1/4, 1/8, 1/16).

**Note:** Slow backward motion playback is only possible for DVD.

→ To resume normal playback, press ►II.

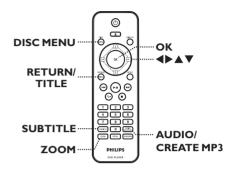
## Stopping playback

■ Press ■.

#### Helpful Hints:

- For video disc, playback always resumes from the point where it was last stopped even if the disc was ejected or the unit is in standby mode. To start playback from the beginning, press ◄ while the message 'Play from the start, press - PREV -' appears on the TV.
- Screen saver starts automatically if the disc playback is stopped or paused for about 5 minutes.

# Other playback features for video discs



#### Note:

The operating features described here might not be possible for certain discs. Always refer to the instructions supplied with the discs.

#### Using the Disc Menu

Depending on the disc, a menu may appear on the TV once you load in the disc.

To select a playback feature or item

Use ▲▼◀► keys or numeric keypad
 0-9 on the remote control, then press
 OK to start playback.

#### To access or remove the menu

 Press DISC MENU on the remote control.

#### Changing sound track language

This operation works only on DVDs with multiple sound track languages, or VCDs/SVCDs with multiple audio channels.

#### For DVD

Press AUDIO/CREATE MP3
 repeatedly to select the available audio
 languages.

#### For VCD/SVCD

Press AUDIO/CREATE MP3
 repeatedly to select the available audio
 channels provided by the disc.

## Changing subtitle language

This operation works only on DVDs with multiple subtitle languages. You can change to your desired language during playback.

 Press SUBTITLE repeatedly to select different subtitle languages.

#### **Zooming**

This option allows you to zoom and to pan through the picture on the TV.

- ① During playback, press **ZOOM** repeatedly to select a different zoom factor.
  - → Playback continues.
- ② Use ▲▼◀▶ keys to pan through the enlarged picture.
- 3 Press **ZOOM** repeatedly to return to the original size.

#### Playback Control (VCD/SVCD)

Playback Control (PBC) playback allows you to play VCDs/SVCDs interactively, following the menu on the display.

# For VCDs with PBC feature (version 2.0 only) and SVCDs

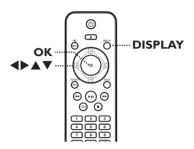
- Press **DISC MENU** to turn on or off the PBC mode.
  - → If the PBC mode is turned on, the PBC menu (if available) appears on the TV.
  - → If the PBC mode is turned off, it skips the PBC menu and playback from the first track.
- If the PBC mode is turned on, pressing RETURN/TITLE during playback will return to the PBC menu.

#### Helpful Hint:

 You cannot use numeric keypad 0-9 to select track if PBC mode is on.

## Using Display menu options

This unit can display the disc playback information (for example, title or chapter number, elapsed playing time, audio/subtitle language), a number of operations can be done without interrupting disc playback.



- During playback, press DISPLAY on the remote control.
  - → The available disc information appears on the TV.

(DVD)



(VCD/SVCD)



② Use ▲▼ keys to view the information and press OK to access.

- 3 Use the numeric keypad 0-9 to input the number/time or use ▲ ▼ keys to make the selection.
- Press OK to confirm.
  - → Playback changes according to the chosen time or to the selected title/ chapter/track.

#### Selecting title/chapter/track

This option allows you to skip to a specific title/chapter/track in the current disc.

- Move to { Title } / { Chapter } or { Track } option in the display menu and press ▶.
- Use the numeric keypad 0-9 to input the valid number.
  - → Playback skips to the selected operation.

#### Switching camera angles

This option is only available on DVDs that contain sequences recorded from different camera angles. This allows you to view the picture from different angles.

- Move to { Angle } in the display menu and press ▶.
- ② Use the **numeric keypad 0-9** to input a valid number.
  - → Playback changes to the selected angle.

#### Searching by time

This option allows you to skip to a specific point in the current disc.

- Move to { TT Time / CH Time / Disc Time / Track Time } in the display menu and press ▶.
- Use the numeric keypad 0-9 to enter the time where playback should start (eg. 0:34:27).
  - → Playback skips to the selected time.

#### Viewing playing time

It shows the remaining/elapsed time display of the current disc.

- Move to { Time Disp } in the display menu and press ▶.
  - → The information and display are differ depending on the disc type.

#### For DVD

Display	Descriptions
Title/Chapter Elapsed	Title or Chapter elapsed playing time.
Title/Chapter Remain	Title or Chapter remaining playing time.

#### For VCD/SVCD

Display	Descriptions
Total/Single Elapsed	Disc or Track elapsed playing time.
Total/Single Remain	Disc or Track remaining playing time.

### Preview function (VCD/SVCD/DVD)

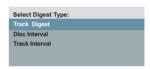
This function allows you to preview the contents of a VCD/SVCD/DVD disc.

- Move to { Preview } in the display menu and press ►.
  - → The preview menu appears.

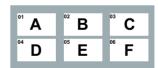
(DVD)



(VCD/SVCD)



- ② Use ▲▼ keys to select one of the preview type and press **OK**.
  - → Thumbnail pictures of each segment appear on the TV.



- To go to the previous or next page, press
   Idd / ►►I.
- 3 Use ▲▼◀► keys to select a thumbnail picture and press OK to start playback from there.

#### Selecting various repeat functions

This function allows you to select the different repeat play options.

#### For DVD/VCD/SVCD

Move to { Repeat } in the display menu and press ►.

#### DVD

- → Chapter (repeat current chapter)
- → Title (repeat current title)
- → All (repeat entire disc)
- → Off (exit repeat mode)

#### VCD/SVCD

- → Track (repeat current track)
- → All (repeat entire disc)
- → Off (exit repeat mode)

#### For Audio CD

- Press DISPLAY repeatedly to select { Off }, then press ◀/ ▶ to select the following repeat mode.
  - → Track (repeat current track)
  - → All (repeat entire disc)
  - → Off (exit repeat mode)

#### For MP3/WMA/JPEG/DivX®

- In stop mode, press DISPLAY repeatedly to select the following repeat mode.
  - → Single (repeat current file once)
  - → Repeat One (repeat current file)
  - → Repeat Folder (repeat all files in the current folder)
  - → Folder (repeat all files in a folder)

#### Repeating a specific section (A-B)

- Move to { Repeat ab } in the display menu.
- 2 Press **OK** at the start point.
- Press **OK** again to end the section.
   The section will now repeat continuously.
- 4 Press **OK** again to resume normal playback.

#### Helpful Hint:

 The marked section for repeat playback is only possible within the same chapter/track.

## **Special Audio CD feature**

It is a time search option for audio CD playback. Playback skips to the time you input, within the disc or track.

During playback, press DISPLAY repeatedly to toggle between different input options.

Display	Descriptions
Disc Go To	Time search within the disc.
Track Go To	Time search within a track.
Select Track	Select a track number.

- Use the numeric keypad 0-9 to enter the time where playback should start (minutes:seconds).
  - Playback skips to the selected time.

# Playing a DivX® disc

This unit supports the playback of DivX movie which you can copy from your computer onto a recordable disc. See 'Setup Menu Options - { General Setup Page > DivX(R) VOD Code }' for details.

- Load a DivX disc.
- ② Use ▲▼ keys to select to the file you want to play.
- 3 Press OK to start playback.

During playback;

- If the DivX disc has multilingual subtitles, you can press SUBTITLE on the remote control to change the subtitle language.
- If the DivX title has different audio tracks, you can press AUDIO/CREATE MP3 on the remote control to change the audio stream.

### Helpful Hints:

- Subtitle files with the following file name extensions (.srt, .smi, .sub, .ssa, .txt) are supported but do not appear on the file navigation menu.
- The subtitle file name (.sub) has to be saved under the same file name as the movie (.avi) in the same folder.

# Playing a JPEG photo disc (slide show)

#### Before you start ...

Turn on your TV to the correct Video In channel. See 'Finding the correct viewing channel' for details.

- Load a photo CD (Kodak Picture CD/ IPEG).
  - → The picture menu appears on the TV.
  - → For Kodak disc, the slide show begins automatically.

Press II to start the slide-show playback.

During slide-show playback:

- Press ►II to pause or resume playback.
- Press ◄◄ / ►► to play another file in the folder.

#### Helpful Hints:

 It may require longer time to display the disc content due to the large number of songs/pictures compiled into one disc.

### Supported file format:

- The file extension has to be "\*.JPG" and not "\*.JPEG".
- This unit can only display digital camera pictures according to the JPEG-EXIF format, typically used by almost all digital cameras. It cannot display Motion JPEG, or pictures in formats other than JPEG, or sound clips associated with pictures.

#### **Preview function**

1 During playback, press DISPLAY.

→ 12 thumbnail pictures will be displayed on the TV.



- 2 Press ◄ / ► to display pictures on the previous/next page.
- ③ Use ▲▼◀▶ keys to select one of the pictures and press **OK** to start playback.
- 4 Press **DISC MENU** to return to Picture CD menu.

### **Z**ooming

- During playback, press ZOOM repeatedly to select a different a zoom factor.
- ② Use ▲▼◀▶ keys to pan through the enlarged image.

#### Flip/Rotate picture

 During playback, use ▲▼◀▶ keys to rotate/flip the picture on the TV.

Action	Remote control
flip the picture vertically.	<b>A</b>
flip the picture horizontally.	▼
rotate the picture counter-clockwise.	4
rotate the picture clockwise.	•

## Playing a MP3/WMA disc

This unit can playback most of the MP3 and WMA files recorded on a recordable disc or commercial CD.

#### Before you start ...

Turn on your TV to the correct Video In channel. See 'Finding the correct viewing channel' for details.

- 1 Load a MP3/WMA disc.
  - → The disc reading time may exceed 30 seconds due to the complexity of the directory/file configuration.
  - → The disc menu appears on the TV.



- ② Use ▲▼ keys to select a desired folder and press OK to open the folder.
- 3 Use ▲▼ keys to select a file and press OK to start playback.
  - → Playback starts from the selected file and continues through to the end of the folder.

#### During playback:

- Press ► I to playback another file in the current folder.
- Press ◀/ ▶ repeatedly to fast backward/ forward search on the file.
- To select another folder from current disc, use ▲▼ keys to navigate back to the root menu.
- 4 To stop playback, press ■.

#### Helpful Hints:

- You can set to display or skip the folders when you load a MP3/JPEG disc. Press SETUP, then go to { Preference Page > Mp3/ Jpeg Nav }.
- It is normal to experience an occasional 'skip' while listening to your MP3/WMA disc due to poor clarity of digital contents during internet downloading.

# Playing music and photo files simultaneously

You can create a musical slide show playback if the disc contains both the MP3/WMA music and IPEG picture files.

- Load a disc that contains both MP3/WMA and IPEG files.
- ② Use ▲▼ keys to select a MP3/WMA file from the disc menu and press OK to start playback.
- 3 During MP3/WMA playback, use ▲▼ keys to select a JPEG file from the disc menu and press OK.
  - → Slideshow begins and continues till the end of the photo folder or album.
- 4 To stop simultaneous playback, press twice.

#### Helpful Hints:

- Some files on Kodak or JPEG disc may be distorted during playback due to the configuration and characteristics of the disc.
- During simultaneous playback, fast forward / backward or slow forward/ backward is not available.

# **Karaoke Operation**

## Playing a Karaoke disc

#### Before you start...

Turn on your TV to the correct Video In channel. Press AV, VIDEO, SELECT or

⊕ button on your TV's remote control until you see the blue DVD background.



- Connect a microphone (not supplied) to the MIC jack on the front panel of this unit.
- 2 Load a karaoke disc.
- If the disc menu appears, use ▲▼◀► keys to make your selection and press
   OK to start playback.
- ③ Press KARAOKE on the remote control repeatedly to select { MIC ON/ OFF }.
  - → Use < ► keys to turn the microphone { ON } or { OFF }.</p>
- Adjust the microphone volume up or down by using MIC LEVEL on the side panel of the unit.
- 6 Press VOCAL repeatedly to toggle between various audio modes.
  - → You can turn off the vocal or change the audio mode of the karaoke disc.
  - Start enjoying the karaoke.

#### Helpful Hint:

 Before connecting the microphone, set the microphone volume to the minumum level to prevent howling.

## Using the Karaoke Menu option

Press KARAOKE on the remote control repeatedly to access the karaoke menu.

#### { MIC }

Use ◀▶ keys to turn the microphone{ ON } or { OFF }.

#### { Vol }

– Use  $\blacktriangleleft$  ► keys to adjust the vocal level between 0 ~ 20. Select  $\{0\}$  for the lowest tone and  $\{20\}$  for the highest tone.

#### { Echo }

- Use  $\blacktriangleleft$  ▶ keys to adjust the echo level between  $0 \sim 20$ .

#### { Key }

 Use ◀► keys to adjust the pitch level between -16 ~ +16 that match your voice.

### { Karaoke Scoring }

- Use ◀► keys to select scoring ranks: { Off } , { Basic } , { Intermediate } or { Advance }.

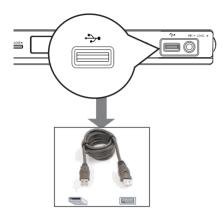
**Note:** If you score 30 points and above at the end of the song, a karaoke score will appear on the TV. Press **OK** to exit the scoring and resume karaoke session.

#### Helpful Hint:

 Karaoke score function is only available for DVD and VCD discs.

# **USB** Operation

You can play or view the data files (JPEG, MP3, WMA or DivX®) in the USB flash drive. However, editing or copying the data file is not possible.



- ① Connect the USB flash drive directly to the ♣ jack on this unit.
- A message appears on the TV when the device is detected.
- 3 Press on the remote control to access the data in the drive.

- 4 Use ▲▼ keys to select a desired file and press OK to start playback.
- For more playback information, see 'Playing a DivX® disc', 'Playing a JPEG photo disc (slide show)' or 'Playing a MP3/WMA disc' for details.
- 6 Press to stop playback.
- 6 Press on the remote control to exit from the menu and switch to disc mode.
  - → You can remove the USB device now.

#### Helpful Hints:

- The USB jack does not support the connection of other USB devices except to a USB flash drive.
- The unit can only support up to a maximum of 300 folders and 648 files.
- When the USB device does not fit into the USB jack, a USB extension cable (not supplied) is required.
- Copy-protected files are not playable.

# **Create MP3 files**

# Creating audio CD to MP3 format

This feature allows you to convert audio tracks from an audio CD into MP3 format. The created MP3 files are saved in your USB device.

- Connect the USB flash drive directly to the ♣ jack on this unit.
- 2 Load an audio CD.
- 3 During playback, press AUDIO/
  CREATE MP3 on the remote control.
- 4 Read the message on the TV and confirm your action by selecting { YES } in the menu, then press OK.
  - → The Create MP3 menu appears.
  - → If the USB device is full, a warning message will be displayed.

Create MP3			
OPTIONS		TRACK	
Speed	Normal	Track01	04:14
Bitrate	128kbps	Track02	04:17
CRT ID3	Yes	Track03	03:58
Device	USB 1	Track04	04:51
		Track05	03:53
SUMMARY		Track06	04:09
Selected	0	Track07	04:38
Total Time	00:00		
Start	Exit	Select all	Deselect all

Define your requirements for creating MP3 files in the { OPTIONS } menu, then press OK.

## { Speed }

Select the creating speed.

0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0		
{ Normal }	Normal speed. Note: You are able to hear the playback while	
	creating the audio tracks.	
{ Fast }	Fast speed.	

#### { Bitrate }

Select a creating bitrate. Default setting is 128 kbps.

#### { CRT ID3 }

Create ID3 information.

	ID3 information is included in the MP3 file.
{ No }	No ID3 information.

#### { Device }

The created MP3 files will save in this USB device.

- Move to the { TRACK } menu and use ▲ ▼ keys to select the track that you want to create, then press OK.
- To select all tracks, move to { Select all } in the menu and press
- To deselect all tracks, move to { Deselect all } in the menu and press OK.
- To start creating the tracks, move to { Start } in the menu and press OK.
  - → The creating process menu appears.
  - → If the USB device is full, a warning message will be displayed.
  - → A new folder is created automatically in the USB device to store all the new MP3 files.

Note: If you press one of the buttons on the front panel or remote control (
STANDBY-ON, STOP ■, OPEN/
CLOSE ≜, (¹), ≜, ■, AUDIO/
CREATE MP3 or OK) during creating process, a message 'Do you want to stop Creating MP3 now?' appears on the TV screen. Select { Cancel } to continue creating process.

8 To exit the menu, move to { Exit } in the menu and press OK.

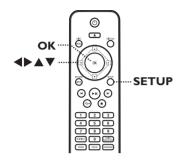
#### Helpful Hints:

- DTS CD and copy-protected CD cannot be created to MP3 format.
- Write protected or password protected USB device cannot be used to store the MP3 files.

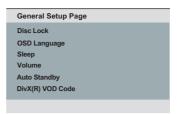
# **Setup Menu Options**

## Accessing the setup menu

You can change the settings in this unit to suit your particular requirements.



- Press **SETUP** on the remote control.→ The setup menu appears.
- ② Use ◀▶ keys to select one of the setup menu options and press **OK**.
- If you are not able to access the { Preference Page }, press SETUP to exit the menu. Then, press ■ twice before you press the SETUP again.
- 3 Use ▲▼ keys to select a setup option and press ► to access.
- 4 Select the setting you wish to change and press OK to confirm and go back to the previously selected item.
  - → Instructions and explanations of the options are provided in the following pages.
  - → If the option in the menu is grayed out, that means the setting is not available or cannot be changed in the current state.
- To exit, press SETUP.



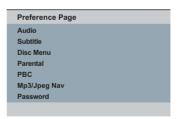
See 'General Setup Page' on this chapter.



See 'Audio Setup Page' on this chapter.



See 'Video Setup Page' on this chapter.



See 'Preference Page' on this chapter.

# Setup Menu Options (continued)

## General Setup Page (underlined options are the factory default settings)

#### **Disc Lock**

Not all discs are rated or coded by the disc maker. You can prevent play of specific discs with the disc lock function. Up to 20 discs can be locked.

{ Lock }

— To block the playback of the current disc. Subsequent access to a locked disc

requires a six-digit password.

The default password is '136900' (see

{ Preference Page - Password }).

{ Unlock } — All discs can be played.

#### **OSD** Language

Select the menu language for this unit's on-screen display.

## Sleep

The sleep timer enables this unit to switch to standby mode automatically after the selected a preset time.

{ I5/30/45/60 Mins }— Select the preset minutes for switching this unit to standby mode

automatically.

{ Off } — Turn off the sleep mode.

#### Volume

This feature allows you to adjust the volume level.

Use  $\blacktriangleleft \triangleright$  keys to set the volume level between  $0 \sim \underline{20}$ .

#### **Auto Standby**

Select this to switch this unit to standby mode when it is not in use for a period of time.

{ On } — Switch to low power standby mode when playback has paused or

stopped for more than 15 minutes.

{ **Off** } — Switch off the auto standby mode.

#### DivX(R) VOD Code

Philips provides you with the DivX® VOD (Video On Demand) registration code that allows you to rent or purchase videos from DivX® VOD service at http://www.divx.com/vod. All the downloaded videos from DivX® VOD can only be played back on this unit.

Press ▶ to see the registration code and press **OK** to exit.

# Setup Menu Options (continued)

## Audio Setup Page (underlined options are the factory default settings)

#### **Analog Output**

This setting is only required if you have connected the audio output of this unit to a stereo device or TV using the analog output jack.

{ LT/RT }

The connected device has a built-in Dolby Pro Logic decoder. It can deliver the surround sound through the two speakers.

**Stereo }** 

The connected device can only output stereo audio through two speakers.

{ V SURR }

For virtual surround sound effects.

### **Digital Audio Setup**

This setting is only required if you have connected the audio output of this unit to an amplifier/receiver using the digital output jack.

### { Digital Output } - { SPDIF Off }

Disable digital audio output. Select this if you are using the analog audio jacks to connect this unit to a TV or Stereo system.

### { **AII** }

The connected device supports multichannel audio formats. The digital audio format will be output as on disc.

## { PCM Only }

The connected device does not support multi-channel formats. All audio signals are downmixed to PCM format (2-channel).

## $\{\, \textbf{LPCM Output} \,\} \ - \ \{\, \underline{48 \, \textbf{K}} \,\}$

Select this to play disc recorded at sampling rate of 48 kHz.

#### { 96 K }

Enable 96 kHz output on digital audio if the amplifier/receiver is compatible with high sampling rate audio (88.2 / 96 kHz). However, if the sound output is distorted or there is no sound, change the setting to '48 K'.

**Note:** LPCM Output can only be selected when { PCM Only } is activated. The higher the sampling rate, the better the sound quality.

# Setup Menu Options (continued)

## Audio Setup Page (underlined options are the factory default settings)

#### **Sound Mode**

Select the type of preset digital sound effect that can match the disc's content or optimize the sound of the musical style you are playing.

{ 3D }

 It provides a virtual surround sound experience through the left and right audio channels. Available options are: { Off }, { Living Room }, { Hall }, { Arena } and { Church }.

 { Movie Mode }

 Movie sound effects. Available options are: { Off }, { Sci-Fi }, { Action },

{ Drama } and { Concert } effect.
{ Music Mode } - Musical sound effects. Available options

are: { Off }, { Digital }, { Rock }, { Classic } and { Jazz }.

#### **CD** Upsampling

This feature enables you to convert the music CD to a higher sampling rate using sophisticated digital signal processing for better sound quality. If you have activated the CD upsampling, this unit automatically switches to stereo mode.

{ Off }
 { 88.2 kHz (X2) }
 Convert the sampling rate of the CDs to twice as high as the original rate.
 { 176.4 kHz (X4) }
 Convert the sampling rate of the CDs to four times as high as the original

**Note:** CD upsampling is only possible when playback the music CD in stereo mode.

rate.

#### **Night Mode**

This mode optimizes playback of sound at low volume. High volume outputs will be softened and low volume outputs will be enhanced to an audible level. This feature is only applicable for DVD video discs with Dolby Digital mode.

{ On } — Turn on night mode.

## Setup Menu Options (continued)

### Video Setup Page (underlined options are the factory default settings)

### **TV** Type

Select the color system that matches the connected TV. It enables playback of a different type of disc (PAL or NTSC disc) on this unit.

{ PAL } — For PAL-system TV.

{ Multi } - For TV that is compatible with both

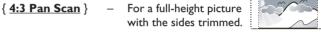
PAL and NTSC.

{ NTSC }
- For NTSC-system TV.

#### **TV** Display

The picture shape can be adjusted to fit your TV.

(4.3 Pan Sean ) For a full height picture



{ 4:3 Letter Box } - For a 'wide-screen' display

with black bars on the top and bottom.



{ **16:9** } - For wide-screen TV (frame ratio 16:9).



#### **Progressive**

Before enabling the progressive scan feature, you must ensure that your TV can accept progressive signals (a progressive scan TV is required) and that you have connected this unit to your TV using the Y Pb Pr. See 'Getting Started - Setting up Progressive Scan feature' for details.

{ On } — Turn on progressive scan mode.

Read the instructions on the TV and confirm your action by pressing **OK** on

Turn off progressive scan mode.

the remote control.

Picture Setting

This unit provides three predefined sets of picture color settings and one personal setting which you can define yourself.

{ Standard }

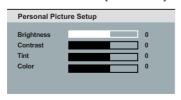
{ Vivid }

{ Cool }

{ Off }

{ Personal }

- Original color setting.
- Vibrant color setting.
  - Soft color setting.
    - Select this to personalize the picture color setting. Use the ◀▶ keys to adjust to the setting that best suits your personal preference and press **OK** to confirm. For an average setting, select { 0 }.



## Setup Menu Options (continued)

#### Preference Page (underlined options are the factory default settings)

#### **Audio**

Select the preferred audio language for DVD playback.

#### Subtitle

Select the preferred subtitle language for DVD playback.

#### Disc Menu

Select the preferred disc menu language for DVD playback.

**Note:** If the selected audio/subtitle/disc menu language is not available on the DVD, the disc's default language will be used instead.

#### **Parental**

This is to prohibit viewing of discs that had exceeded the limits you set. It works only on the DVDs with parental level assigned to the complete disc or to certain scenes on the disc.

- Use ▲▼ keys to select a rating level from 1 to 8 and press
   OK.
- 2) Use the **numeric keypad 0-9** on the remote control to enter your six-digit password and press **OK**.

#### Notes:

- The ratings are country-dependent ('1' is considered material that is least offensive and '8' is most offensive). To disable parental controls and allow all discs to play, select '8'.
- Some DVDs are not encoded with a rating though the movie rating may be printed on the disc cover. The rating level feature does not prohibit playback of such discs. VCD, SVCD and CD have no level indication, so parental control has no effect on these type of discs.
- DVDs that are rated higher than the level you selected will not be played unless you enter the same six-digit password.

#### **PBC**

Play Back Control feature is applicable for VCD/SVCD only. It allows you to play Video CDs (2.0) interactively, following the menu on the display.

{ On }

— The index menu (if available) appears on the TV when you load a VCD/ SVCD.

{ Off }

 The VCD/SVCD skips the index menu and playback directly from the beginning.

## Setup Menu Options (continued)

#### Preference Page (underlined options are the factory default settings)

#### Mp3/Jpeg Nav

Mp3/Jpeg Navigator can only be set if the disc is recorded with a menu. It allows you to select different display menus for easy navigation.

{ Without Menu } — Display all the files contained in the MP3/Picture disc

{ With Menu } — Display the folder menu of the MP3/
Picture disc.

Note: This feature is not available for USB mode.

#### **Password**

The password is used for the Disc Lock and Parental control. The default password is '136900'.

To change the password:

1) Press **OK** twice to access the change password menu.



 Use the numeric keypad 0-9 on the remote control to enter your existing six-digit password at { Old Password }.

**Note:** When doing this for the first time or if you forget your existing password, enter '136900'.

- 3) Enter the new six-digit password at { New Password }.
- 4) Enter the new six-digit password again at { Confirm PWD }.
- 5) Press **OK** to confirm and exit the menu.

#### **DivX Subtitle**

Select the font type that supports the recorded DivX subtitle.

{ Standard } — Display a standard list of Roman subtitle fonts provided by this unit.

#### **Default**

This feature enables you to reset all the setup menu options and your personal settings to the factory defaults, except your password for the Disc Lock and Parental control.

Press **OK** to confirm the default reset.

## Software upgrade

## Installing the latest software

Philips provides software upgrades to make sure that this unit is compatible with the newest formats. To check the updates, compare the current software version of this unit with the latest software version available at the Philips website.

- Press ≜ to open the disc tray.
- 2 Press numeric keypad '55' on the remote control.
- Write down the file name.
- 4 Go to www.philips.com/support to check the latest software version available for this unit.
- If the latest software version is higher than the software version of this unit, download it and store onto a CD-R.
- 6 Load the CD-R to this unit for upgrade operation.

#### Note:

Never unplug or turn off this unit during the upgrade.

Once complete, this unit will restart automatically.

## **Troubleshooting**

#### **WARNING**

Under no circumstances should you try to repair this unit yourself, as this invalidates the warranty. Do not open this unit as there is a risk of electric shock.

If a fault occurs, first check the points listed below before taking this unit for repair. If you are unable to remedy a problem by following these hints, consult your dealer or Philips for help.

Problem	Solution
No power.	<ul> <li>Press STANDBY-ON on the unit to turn on the power.</li> <li>Ensure that the AC outlet has power.</li> <li>Disconnect the power cord from the power outlet for a few minutes. Reconnect the power cord and try to operate again as usual.</li> </ul>
No picture.	<ul> <li>Refer to your TV manual for correct Video In channel selection. Change the TV channel until you see the DVD screen.</li> <li>If this happens when you turn on the progressive scan feature, wait for 15 seconds for the auto recovery or switch back to the default mode as below: <ol> <li>Press ≜ to open the disc tray.</li> <li>Press and hold numeric keypad '1' on the remote control.</li> <li>If this happens after you set the color system, wait for 15 seconds for the auto recovery or switch back to the default TV color system: <ol> <li>Press ≜ to open the disc tray.</li> </ol> </li> <li>Press and hold numeric keypad '3' on the remote control.</li> </ol></li></ul>
Completely distorted picture or black/white picture.	<ul> <li>Check the video connection.</li> <li>Ensure that the disc is compatible with this unit.</li> <li>Sometimes a small amount of picture distortion may appear. This is not a malfunction.</li> <li>The disc is dirty. Clean the disc.</li> </ul>
No sound or distorted sound.	<ul> <li>Check the audio connections to the connected audio device.</li> <li>Make sure that the connected audio device is turned on to the correct input source.</li> <li>Set the digital output setting correctly, based on the device you connected to this unit. See 'Audio Setup Page - Digital Audio Setup' for details.</li> </ul>

## Troubleshooting (continued)

Problem	Solution
The remote control does not function properly.	<ul> <li>Aim the remote control directly at the sensor on the front of this unit (not towards the TV).</li> <li>Remove any obstacles between this unit and the remote control.</li> <li>Batteries are weak, replace the batteries.</li> <li>Check the polarities of the batteries are as indicated on the remote control (± signs).</li> </ul>
The unit does not start playback.	<ul> <li>Load a readable disc with the playback side facing inwards. The DVD±R/DVD-RW/CD-R must be finalized.</li> <li>Make sure the disc is not scratched or warped. Check if the disc is defective by trying another disc.</li> <li>The disc is of a different region code.</li> <li>You may need to enter the password in order to unlock the disc for playback.</li> <li>Moisture may have condensed inside this unit. Remove the disc and leave this unit turned on for about an hour.</li> </ul>
The buttons on the unit do not work.	<ul> <li>There is a technical problem. Disconnect this unit from the power outlet for 10 seconds and reconnect again.</li> </ul>
The aspect ratio of the screen cannot be changed even though you have set the TV display.	<ul> <li>The aspect ratio is fixed on the DVD disc.</li> <li>Depending on the TV, it may not be possible to change the aspect ratio.</li> </ul>
Cannot activate some features such as Angles, Subtitles, or multi-language Audio.	<ul> <li>The features may not be available on the DVD.</li> <li>Changing the language for the sound or subtitle is prohibited on this DVD.</li> </ul>
Not able to select some items in the setup/system menu.	<ul> <li>Press ■ twice before selecting the disc setup menu.</li> <li>Depending on the disc availability, some menu items cannot be selected.</li> </ul>

# Troubleshooting (continued)

Problem	Solution				
Picture freezes momentarily during playback.	<ul> <li>Check the disc for fingerprint/scratches and clean with a soft cloth wiping from center to edge.</li> </ul>				
Unable to select Progressive Scan on/off.	<ul> <li>Check that the video output of this unit is connected using the Component Video (Y Pb Pr) jacks.</li> </ul>				
No sound during DivX movies playback.	The audio codec may not be supported by this unit.				
An DivX movie does not repeat.	<ul> <li>Check that file size of the movie does not exceed the file size of the disc during downloading.</li> </ul>				
Certain DivX files do not play or are skipped.	<ul> <li>Check that the DivX movie download is a complete file.</li> <li>Make sure the file name extension is correct. You can check this using a computer with CD-ROM.</li> <li>The unit is designed to playback DVD, VCD, SVCD, CD audio, MP3, WMA and DivX discs only. Other digital audio formats such as liquid audio, RM (RealMedia), WAV or non-audio files like '.doc', '.txt', '.pdf' are not supported.</li> <li>Try to play the problem DivX files on a computer. If they do not work, the source file appears to be corrupted.</li> <li>Try to download the file again from a different source, or if you have created the file yourself, save it with the correct settings.</li> </ul>				
The contents of the USB flash drive cannot be read.	<ul> <li>The USB flash drive format is not compatible with the system.</li> <li>Drive is formatted with a different file system which is not supported by this unit (e.g., NTFS).</li> </ul>				
Slow operation of the USB flash drive.	<ul> <li>Large file size or high memory USB flash drive takes longer time to read and display on the TV.</li> </ul>				

## Frequently Asked Questions (USB)

## Why does it take so long to display the contents on my USB device?

- This could be due to the large numbers of files (>500 files/folders) or size of the files (>1 MB.)
- There could be other non-supported files in the device that the system is trying to read/display.

# What if non-supported devices (e.g. USB mouse, keyboards) are plugged into the unit?

 The device may cause the unit to be unstable. Remove the non-supported device and unplug the power cord. Wait for a few minutes before reconnecting the power cord and power on the unit again.

## What happens when I plug in a USB HDD?

 HDD is not supported as the large storage capacity makes navigation very difficult. Transfer the music files (mp3) and photos (jpg) into a USB flash drive.

# Why does the unit fail to detect my USB portable music player?

 The portable music player may require propriety software that is bundled with the unit in order to access the contents (eg. playlist.) The unit can only support mass storage class device, but not Media Transfer Protocol (MTP) class.

## What types of file does the unit support?

 We support only FAT16 and FAT32, not NTFS.

# Why does the file name appear to be different from what was displayed on my computer (e.g. from "Good Bye. jpg" to "Good\_B~I.jpg")?

- The length of the file name is restricted by the file system of the device (FAT16), which only supports eight (8) characters.
- The computer may be able to display the full file name as the operating system can convert the file system.

## Is simultaneous USB and Disc playback possible?

 This is not possible due to memory limitation. In addition, a different user interface will be needed in order to function and in order to be simple enough to use.

## Why can't I rotate the pictures in my device?

 In order to rotate the pictures in the USB device, the picture must contain EXIF information, stored by most digital cameras. This EXIF information may have been removed when you edit or copy the picture from other devices using editing programs.

## Why can't the unit play some of my music files, photos or movies?

 The music files may not be playable because of different formats and encoding bit-rates. Similarly, the photos may be of low resolution or too high resolution for the unit to support.

## **Specifications**

#### **TV STANDARD**

(PAL/50Hz) (NTSC/60Hz) Number of lines 625 525 Multistandard (PAL/NTSC)

Playback

#### **VIDEO PERFORMANCE**

Video DAC 12 bit. 108 MHz Y Pb Pr  $0.7 \text{ Vpp} \sim 75 \text{ ohm}$ I  $V_{DD} \sim 75 \text{ ohm}$ Video Output

#### **VIDEO FORMAT**

MPEG 2 for DVD. SVCD Digital Compression MPEG I for VCD

DivX®

DVD Horiz, resolution Vertical resolution 50 Hz 720 pixels 576 lines

720 pixels 480 lines 60 Hz

**VCD** Horiz, resolution Vertical resolution 50 Hz 352 pixels 288 lines

352 pixels 240 lines

60 Hz

#### **AUDIO FORMAT**

MPEG/ AC-3/ Digital **PCM** 

compressed Digital 16, 20, 24 bits fs, 44.1, 48, 96 kHz

MP3 (ISO 9660)

96, 112, 128, 256 kbps & variable bit rate fs, 32, 44.1, 48 kHz

**Analog Sound Stereo** 

Dolby Surround compatible downmix from Dolby

Digital multi-channel sound

#### **AUDIO PERFORMANCE**

DA Converter 24 bit. 192 kHz

DVD fs 96 kHz 4 Hz - 44 kHz fs 48 kHz 4 Hz - 22 kHz 4 Hz - 22 kHz **SVCD** fs 48 kHz

4 Hz - 20 kHz fs 44.1kHz

CD/VCD 4 Hz - 20 kHz fs 44.1kHz > 90 dB Signal-Noise (1kHz)

Dynamic range(IkHz) > 80 dB Crosstalk (1kHz) > 70 dB Distortion/noise (IkHz) > 65 dB

MPEG MP3

#### **CONNECTIONS**

Y Pb Pr Output Cinch 3x Video Output Cinch (yellow) Audio Output(L+R) Cinch (white/red) Digital Output I coaxial

> IFC60958 for CDDA / LPCM IEC61937 for MPEG 1/2.

MPEG Audio L3

Dolby Digital

#### **CABINET**

Dimensions (w x h x d) 360 x 37x 209 mm Weight Approximately

2 kg

#### **POWER CONSUMPTION**

110 V - 240 V; Power Supply Rating

50/60 Hz Power consumption < 10 W Power consumption in < | W

Standby mode

Specifications are subject to change without prior notice.

## **Glossary**

Analog audio: Sound that has not been turned into numbers. Analog sound is available when you use the AUDIO LEFT/ RIGHT jacks. These red and white jacks send audio through two channels, the left and right.

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

**AUDIO OUT jacks**: Jacks on the back of this unit that send audio to another system (TV, Stereo, etc.).

**Bit Rate:** The amount of data used to hold a given length of music; measured in kilobits per second, or kbps. Or, the speed at which you record. Generally, the higher the bit rate, or the higher the recording speed, the better the sound quality. However, higher bit rates use more space on a disc.

<u>Chapter</u>: Sections of a picture or a music piece on a DVD that are smaller than titles. A title is composed of several chapters. Each chapter is assigned a chapter number enabling you to locate the chapter you want.

**CVBS:** Composite video (or Composite Video Blanking and Sync). A single video signal commonly used in most consumer video products.

**Disc Menu:** A screen display prepared for allowing a selection of images, sounds, subtitles, multi-angles, etc., recorded on a DVD.

**DivX:** The DivX code is a patent-pending, MPEG-4 based video compression technology, developed by DivX Networks, Inc., that can shrink digital video to sizes small enough to be transported over the internet, while maintaining high visual quality.

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

JPEG: A very common digital still picture format. A still-picture data compression system proposed by the Joint Photographic Expert Group, which features small decrease in image quality in spite of its high compression ratio. Files are recognized by their file extension 'JPG or JPEG'.

MP3: A file format with a sound data compression system. 'MP3' is the abbreviation of Motion Picture Experts Group I (or MPEG-I) Audio Layer3. By using the MP3 format, one CD-R or CD-RW can contain about I0 times more data than a regular CD.

Parental Control: A function of the DVD to limit playback of the disc by the age of the users according to the limitation level in each country. The limitation varies from disc to disc; when it is activated, playback will be prohibited if the software's level is higher than the user-set level.

**PBC**: Playback Control. A system of navigating a Video CD/Super VCD through on-screen menus recorded onto the disc. You can enjoy interactive playback and searching.

PCM (Pulse Code Modulation): A system for converting analog sound signal to digital signal for later processing, with no data compression used in conversion.

**Progressive Scan:** The progressive scan displays twice the number of frames per second than in an ordinary TV system. It offers higher picture resolution and quality.

Region code: A system allowing discs to be played only in the region designated. This unit will only play discs that have compatible region codes. You can find the region code of your unit by looking at the product label. Some discs are compatible with more than one region (or ALL regions).

<u>Title</u>: The longest section of a movie or music feature on DVD. Each title is assigned a title number, enabling you to locate the title you want.

**TV OUT jack:** Jack on the back of this unit that sends out video signals to the TV.

**WMA**: Windows Media<sup>™</sup> Audio. Refers to an audio compression technology developed by Microsoft Corporation. WMA data can be encoded by using Windows Media Player version 9 or Windows Media Player for Windows XP. Files are recognized by their file extension 'WMA'.

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- 3 MESES.- Accesorios, controles remotos, bocinas, cintas para fax y para cámaras de videoconferencia, micrófonos, audífonos.

**PHILIPS** 

MC - 719 - ARCO

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COLIMA, COL	312	314-03-01	tv antenas@hotmail.com	s	ORIZABA, VER	272	724 38 53	barreda_electronics@hotmail.com	s
CUERNAVACA, MOR	777	313-00-49 313-90-92	centroserviciohertz@hotmail.com	s	PACHUCA, HGO	771	714-15-81	zarateelc@hotmail.com	s
CULIACAN, SIN	667	716-15-10	stereovox@cln.megared.net.mx	s	POZA RICA, VER	782	824 47 82	sonydigital@prodigy.net.mx	s
CHIHUAHUA, CHIH	614	421-59-30 421-63-61	comercialdomestica@hotmail.com	s	PUEBLA, PUE	222	248-77-64 231-63-77	rascon12@prodigy.net.mx	s
CHILPANCINGO, GRO.	747	471 72 73	ingelec gro@hotmail.com	s	QUERETARO, QRO	442	216-10-09		s
DURANGO, DGO	618	825-00-05	evsurdgo@yahoo.com	s	SALTILLO, COAH	844	415 35 80	electronicadigital 07@hotmail.com	s
GUADALAJARA, JAL	33	36-15-72-62 36-16-83-27	www. Leecom.com.mx	s	SAN LUIS POTOSI, S.L.P	444	815-34-07	centro_servicioslp@prodigy.net.mx	s
HERMOSILLO, SON	662	210-54-95 210-05-86	manuelw@prodigy.net.mx	s	SATELITE, EDO, MEX	55	55 62 59 73	missus_satelite@hotmail.com	s
IRAPUATO, GTO	462	626-51-10	tv_gase@hotmail.com	s	TAMPICO, TAMPS	833	214 13 60	electromovie@prodigy.net.mx	s
LA PAZ, B.C.S	612	122-95-99	cenalfa@prodigy.net.mx	s	TEPIC, NAY	311	212-66-93	spe_tn@hotmail.co	s
LEON, GTO	477	770-26-99	tecespecializados@hotmail.com	s	TIJUANA, B.C.N	664	621-22-15	wwwegi1@telnor.net	s
MATAMOROS, TAMPS	868	813-50-13	digitalelectronica@comunicable.net	s	TOLUCA, EDO. MEX	722	214-83-09		s
MAZATLAN, SIN	669	982-42-21	e santel@hotmail.com	s	TOLUCA, EDO. MEX	722	213 62 94		s
MERIDA, YUC	999	928-59-05	evia2@prodigy.net.mx	s	TORREON, COAH	871	732-49-49	jomar02@prodigy.net.mx	s
MEXICALI, B.C.N	686	561-98-08 561-98-18	bajaelectronics@aol.com	s	TUXTLA GUTIERREZ, CHIS	961	618-19-08	kcvideo@prodigy.net.mx	s
MEXICO D.F. ZONA ARAGON	55	57 94 06 34	philipservicio@hotmail.com	s	URUAPAN, MICH	452	524-08-38 524-37-78	rosaliaq@mich1.telmex.net.mx	s
MEXICO D.F. ZONA CENTRO	55	55 21 60 07	unitelmex@yahoo.com.mx	SR	VERACRUZ, VER	229	932-78-23 932-44-44	antza@ver.megared.net.mx	s
MEXICO, D. F. ZONA SUR	55	55-36-71-03 55-36-25-75	centrodeservicioelectronico@hotmail.com	s	VILLAHERMOSA, TAB	993	314-31-36 314-61-67	villatec@intrasur.net.mx	s
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- El número de serie que identifica el producto se encuentre de forma adulterada.

#### Están excluidos de garantía,

- Los defectos que se generen debido al incumplimiento del manual de instrucciones del producto
- Los casos fortuitos o de la fuerza mayor, como aquellos causados por agentes de la naturaleza y accidentes, descargas eléctricas, señales de transmisión débiles.
- Los defectos que se generen debido al uso de los productos en servicios no doméstico/residencial regulares o en desacuerdo con el uso recomendado
- Daños ocasionados por fluctuaciones de voltajes, voltaje fuera de norma o por causas fuera de Philips, como cortocircuitos en los bafles o parlantes.
- En las ciudades en donde no existe el taller autorizado del servicio de Philips, los costos del transporte del aparato y/o el técnico autorizado, corren por cuenta del cliente.
- La garantía no será válida si el producto necesita modificaciones o adaptaciones para que funcione en otro país que no es aquél para el cual fue mercadeado.

El único documento válido para hacer efectiva la garantía de los productos, es la Factura o Boleta de compra del consumidor final.

Aquellos productos que hayan sido adquiridos en otros países y que no estén en el rango normal del país donde se efectuará la reparación, dicha prestación de servicio tomará mas tiempo de lo normal ya que es necesario pedir las partes/piezas al centro de producción correspondiente.

#### Centros de información

#### Líneas de atención al consumidor

Chile: 600-7445477

Colombia: 01-800-700-7445 Costa Rica: 0800-506-7445 Ecuador: 1-800-10-1045 El Salvador: 800-6024 Guatemala: 1-800-299-0007

Panama: 800-8300 Peru: 0800-00100

Rep. Dominicana: 1-800-751-2673 Venezuela: 0800-100-4888

## LISTA DE SERVIÇO AUTORIZADO - BRASIL

ACRE CRUZEIRO DO SUL		BARRA S FRANCISCO	27-37562245	BELO HORIZONTE	31-32257262	PORTO TROMBETAS	93-35491606
	68-33224432	CASTELO	28-35420482	BELO HORIZONTE	31-32254066	SANTAREM	93-35235322
RIO BRANCO	68-32217642	COLATINA	27-37222288	BELO HORIZONTE	31-34420944		
RIO BRANCO	68-32249116	GUARAPARI	27-33614355	BELO HORIZONTE	31-34181919	PARAÍBA	
		LINHARES	27-33710148	BELO HORIZONTE	31-32957700	CAMPINA GRANDE	83-3212128
ALAGOAS		S GABRIEL DA PALHA	27-37271153	BELO HORIZONTE	31-34491000	ESPERANCA GUARABIRA	83-3612273 83-2711159
ARAPIRACA MACEIO	82-5222367 82-32417237	SAO MATEUS VILA VELHA	27-37633806	BELO HORIZONTE BETIM	31-21027373 31-35322088	JOAO PESSOA	83-2/11159
PALMEIRA DOS INDIOS	82-4213452	VITORIA	27-32071233	BOM DESPACHO	37-35212906	JOAO PESSOA	83-32446044
UNIAO DOS PALMARES	82-32811305	TH SIGN	27-32233077	BOM DESPACHO	37-35222511	IOAO PESSOA	83-32210460
		GOÍAS		CARANGOLA	32-37412017	NOVA FLORESTA	83-3741014
AM APÁ		ANAPOLIS	62-3243562	CASSIA	35-35412293	SAPE	83-2832479
MACAPA	96-2175934	CACU	64-6561811	CONGONHAS	31-37311638	SOLANEA	83-3631241
SANTANA	96-2811080	CALDAS NOVAS	64-4532878	CONS LAFAIETE	31-37637784		
AMAZONAS		CATALAO FORMOSA	64-4412786 61-6318166	CONTAGEM CONTAGEM	31-33912994 31-33953461	PARANÁ AMPERE	46-5471605
MANAUS	92-36333035	GOIANIA	62-32919095	CORONEL FABRICIANO	31-38411804	ANTONINA	41-34321782
MANAUS	92-36633366	GOIANIA	62-32292908	CURVELO	38-37213009	APUCARANA	43-34225306
MANAUS	92-32324252	GOIATUBA	94-34952272	DIVINOPOLIS	37-32212353	ARAPONGAS	43-2753723
		INHUMAS	62-5111840	FORMIGA	37-33214177	ASSIS CHATEAUBRIAND	44-5285181
BAHIA		IPAMERI	62-4511184	FRUTAL	34-34235279	BANDEIRANTES	43-5421711
ALAGOINHAS	75-4211128	ITAPURANGA	62-3551484	GOV. VALADARES	33-32716650	CAMPO MOURAO	44-35238970
BARREIRAS	77-36117592 77-4814335	ITUMBIARA	64-34310837	GUAXUPE	35-35513891	CASCAVEL	45-32254005
BOM JESUS DA LAPA BRUMADO	77-4814335 77-4412381	JUSSARA LUZIANIA	62-3731806	GUAXUPE IPATINGA	35-35514124 31-38222332	CURITIRA	44-6292842 41-33334764
CAETITE	77-34541183	MINEIROS	64-6618259	ITARIRA	31-38316218	CURITIBA	41-32648791
CAMACARI	71-36218288	PIRES DO RIO	64-4611133	ITAIUBA	35-36211315	CURITIBA	41-32534391
CICERO DANTAS	75-32782767	RIALMA	62-3971320	ITAPECERICA	37-33411326	FOZ DO IGUACU	45-35233029
CRUZ DAS ALMAS	75-6212839	RIO VERDE	64-36210173	ITAPECERICA	37-33411326	FOZ DO IGUACU	45-35234115
ESPLANADA	75-4271454	TRINDADE	62-5051505	ITAUNA	37-32412468	FRANCISCO BELTRAO	46-35233230
EUNAPOLIS	73-2815181	URUACU	62-3571285	ITUIUTABA	34-32682131	GUARAPUAVA	42-36235325
FEIRA DE SANTANA	75-32232882 75-2213427	MARANHÃO		JOAO MONLEVADE	31-38512909 31-38521112	IBAITI IBIPORA	43-5461162 43-2581863
FEIRA DE SANTANA GANDU	73-32541664	ACAILANDIA	99-35381889	JOAO MONLEVADE IOAO PINHEIRO	31-38521112	IRATI	43-2581863
ILHEUS	73-2315995	BACABAI	99-36212794	JUIZ DE FORA	32-30842584	LAPA	41-36222410
IRECE	74-36410202	BALSAS	99-5410113	IUIZ DE FORA	32-32151514	LOANDA	44-4252053
ITABERABA	75-32512358	CAROLINA	98-7311335	LAGOA DA PRATA	37-32613493	LONDRINA	43-33241002
ITABUNA	73-36137777	CAXIAS	99-35212377	LAVRAS	35-38219188	MANDAGUARI	44-2331335
ITAPETINGA	77-2613003	CHAPADINHA	98-4711364	MANHUACU	33-33314735	MARINGA	44-32264620
JACOBINA	74-36211323	CODO	99-36611277	MONTE CARMELO	34-38422082	MEDIANEIRA	45-32642580
JEQUIE ILIAZEIRO	73-35254141 74-36116456	CODO COELHO NETO	99-36612942 98-34731351	MONTE SANTO DE MINAS MONTES CLAROS	35-35911888 38-32218925	PALMEIRA PARANAGUA	42-2523006 41-34225804
JUAZEIRO JUAZEIRO	74-36116456 74-36111002	IMPERATRIZ	98-34/31351 99-35244969	MONTES CLAROS MURIAF	38-32218925 32-37224334	PARANAGUA PATO BRANCO	41-34225804 46-32242786
LAURO DE FREITAS	71-3784021	PEDREIRAS	99-36423142	MUZAMBINHO	35-5712419	PONTA GROSSA	42-32226590
MURITIBA	75-4241908	PRESIDENTE DUTRA	99-36631815	NANUOUE	33-36212165	RIO NEGRO	47-36450251
PAULO AFONSO	75-32811349	SANTA INES	98-36537553	NOVA LIMA	31-35412026	ROLANDIA	43-2561947
POCOES	77-4311890	SAO JOSE DE RIBAMAR	98-2241581	OLIVEIRA	37-33314444	S J DOS PINHAIS	41-32822522
RIBEIRA DO POMBAL	75-2761853	SAO LUIS	98-32323236	PARA DE MINAS	37-32316369	S MIGUEL DO IGUACU	45-5651429
SALVADOR	71-32473659	SAO LUIS	98-32315276	PARA DE MINAS	37-32321975	SANTA FE	44-2471147
SALVADOR SALVADOR	71-2675000 71-32072070	MATO GROSSO		PARACATU PASSOS	38-36711250 35-35214342	SAO JORGE D' OESTE STO ANTONIO PLATINA	46-5341305 43-35341809
SALVADOR	71-32072070	ALTA FLORESTA	66-35212460	PASSOS PATOS DE MINAS	35-35214342	TELEMACO BORBA	43-35341809
SANTO AMARO	75-32413171	ALTO ARAGUAIA	66-4811726	PATROCINIO	34-38311531	TOLFDO	45-32522471
SENHOR DO BONFIM	74-5413143	BARRA DO GARGAS	66-4011394	PITANGUI	37-32716232	UMUARAMA	44-36231233
SERRINHA	75-32611794	CUIABA	65-36230421	PIUMHI	37-33714632		
STO ANTONIO JESUS	75-36314470	LUCAS DO RIO VERDE	65-5491333	POCOS DE CALDAS	35-37121866	PERNAMBUCO	
TEIXEIRA DE FREITAS	73-30111600	PONTES E LACERDA	65-2662326	POCOS DE CALDAS	35-37224448	BELO JARDIM	81-37261918
VALENCA	75-6413710	PRIMAVERA DO LESTE	66-4981682	PONTE NOVA	31-38172486	CABO STO AGOSTINHO	81-35211823
VITORIA DA CONQUISTA	77-34241183	RONDONOPOLIS	66-4233888	POUSO ALEGRE	35-34212120	CAMARAGIBE	81-34581246
CEARÁ		SINOP TANGARA DA SERRA	66-5314592 65-3261431	S SEBASTIAO PARAISO S SEBASTIAO PARAISO	35-35313094 35-35312054	CARUARU FLORESTA	81-37220235 81-8771274
BREIO SANTO	88-5310133	VARZEA GRANDE	65-6826502	SANTOS DUMONT	32-32516369	GARANHUNS	87-37611090
CRATEUS	88-6910019	TARLET GIVENDE	03-0020302	SAO JOAO DEL REI	32-33718306	GARANHUNS	87-37610085
CRATO	88-5212501	MATO GROSSO DO SUL		STO ANTONIO MONTE	37-32811258	PAULISTA	81-34331142
FORTALEZA	85-32875506	AMAMBAI	67-4811543	TEOFILO OTONI	33-35225831	RECIFE	81-32313399
FORTALEZA	85-40088555	CAMPO GRANDE	67-33242804	TIMOTEO	31-38482728	RECIFE	81-21262111
IBIAPINA	88-36531223	CAMPO GRANDE	67-3831540	UBA	32-35323626	RECIFE	81-34656042
IGUATU	88-35810512	CAMPO GRANDE	67-3213898	UBERABA	34-33332520	RECIFE	81-34629090
ITAPIPOCA IUAZFIRO DO NORTE	88-6312030 88-35112667	DOURADOS IVINHEMA	67-4217117 67-4421244	UBERLANDIA UBERLANDIA	34-32123636 34-32360764	SALGUEIRO SERRA TAI HADA	87-38716309 87-38311401
LIMOEIRO DO NORTE	88-35112667 88-4231938	NAVIRAI	67-4612486	VARGINHA	35-32227889	SERRA TALHADA	87-38311401
OROS	88-5841271	NOVA ANDRADINA	67-4413851	VARZEA DA PALMA	38-37311548	PIAUÍ	
SOBRAL	88-36110605	PONTA PORA	67-4314313	VAZANTE	34-38131420	CAMPO MAIOR	86-32521376
TIANGUA	88-36713336	RIO BRILHANTE	67-4527950	VICOSA	31-38918000	FLORIANO	89-5221154
UBAJARA	88-6341233	TRES LAGOAS	67-5212007			OEIRAS	89-4621066
				PARÁ		PARNAIBA	86-3222877
DISTRITO FEDERAL		MINAS GERAIS		ABAETETUBA	91-37512272	PICOS	89-4221444
BRASILIA BRASILIA	61-32269898 61-33016666	ALFENAS ALMENARA	35-32927104 33-7211234	BELEM BELEM	91-32690400 91-32421090	PICOS TERESINA	89-34155135 86-32213535
GAMA	61-33016666 61-5564840	ALMENARA ANDRADAS	33-7211234 35-37312970	CAPANEMA	91-32421090 91-34621100	TERESINA TERESINA	86-32213535 86-32230825
Uni'IA	01-0064840	ANDRADAS ARAXA	35-37312970 34-36611132	CAPANEMA	91-34621100 91-37215052	TERESINA TERESINA	86-32230825 86-32214618
		ARAXA	34-36691869	ITAITUBA	91-37215052	CINEDITAR	00-32214018
ESPÍRITO SANTO							
ESPÍRITO SANTO ALEGRE	28-35526349	ARCOS	37-33513455	MARABA	94-3211891	RIO DE JANEIRO	
	28-35526349 27-32561251 27-37321142	ARCOS BAMBUI BARBACENA	37-33513455 37-34311473 32-33310283	MARABA OBIDOS PARAGOMINAS	94-3211891 93-5472116 91-30110778	RIO DE JANEIRO  B JESUS ITABAPOANA  BELFORD ROXO	22-38312216

## LISTA DE SERVIÇO AUTORIZADO - BRASIL

CABO FRIO	22-26451819	SAO BORIA	55-34311850	BOTUCATU	14-38821081
CAMPOS GOYTACAZES	22-27221499	SAO FCO DE PAULA	54-2441466	BOTUCATU	14-38155044
CANTAGALO	22-25555303	SAO GABRIEL	55-2325833	CAMPINAS	19-32369199
DUOUE DE CAXIAS	21-27711508	SAO IOSE DO OURO	54-3521216	CAMPINAS	19-32544819
ITAOCARA	22-38612740	SAO LUIZ GONZAGA	55-33521365	CAMPINAS	19-32336498
ITAPERUNA	22-38220605	SAO MARCOS	54-2911462	CAMPINAS	19-37372500
MACAE	22-27626235	SOBRADINHO	51-37421409	CAMPO LIMPO PAULISTA	11-40392000
MACAE	22-27591358	STA CRUZ DO SUL	51-37155456	CAMPOS DO JORDAO	12-36622142
MAGE	21-26330605	STA CRUZ DO SUL	51-37153048	CATANDUVA	17-35232524
NITEROI	21-26220157	TAPEJARA	54-3442353	CERQUILHO	15-32842121
NOVA FRIBURGO	22-25227692	TAPERA	54-3851160	CRUZEIRO	12-31433859
NOVA IGUACU	21-26675663	TAQUARI	51-6531291	DIADEMA	11-40430669
PETROPOLIS	24-22312737	TORRES	51-6641940	DRACENA	18-38212479
RESENDE	24-33550101	TRES DE MAIO	55-35352101	FERNANDOPOLIS	17-34423921
RIO DE JANEIRO	21-25894622	TRES DE MAIO	55-35358727	FRANCA	16-37223898
RIO DE JANEIRO	21-25892030	URUGUAIANA	55-34121791	FRANCO DA ROCHA	11-44492608
RIO DE JANEIRO	21-25097136	VACARIA	54-2311396	GUARUJA	13-33582942
RIO DE JANEIRO	21-24315426	VENANCIO AIRES	51-37411443	GUARULHOS	11-64513576
RIO DE JANEIRO	21-31579290	VERA CRUZ	51-37181350	GUARULHOS	11-64431153
RIO DE JANEIRO	21-33916353			IGARAPAVA	16-31724600
RIO DE JANEIRO	21-22367814	RONDÔNIA		INDAIATUBA	19-38753831
RIO DE JANEIRO	21-31592187	ARIQUEMES	69-35353491	ITAPETININGA	15-32710936
RIO DE JANEIRO	21-38675252	CACOAL	69-4431415	ITAPIRA	19-38633802
RIO DE JANEIRO	21-25714999	CEREJEIRAS	69-33422251	ITARARE	15-35322743
RIO DE JANEIRO	21-24451123	GUAJARA-MIRIM	69-35414430	ITU	11-40230188
SAO GONCALO	21-27013214	JI- PARANA	69-34211891	ITUVERAVA	16-7293365
TERESOPOLIS	21-27439467	PORTO VELHO	69-32273377	JABOTICABAL	16-32021580
TRES RIOS	24-22555687	ROLIM DE MOURA	69-4421178	JALES	17-36324479
TRES RIOS	24-22521388	VILHENA	69-33223321	JAU	14-36222117
				JUNDIAI	11-45862182
RIO GRANDE DO NORTE		RORAIMA		LEME	19-35713528
CAICO	84-4171844	BOA VISTA	95-32249605	LIMEIRA	19-34413179
MOSSORO	84-33147809	BOA VISTA	95-6233456	MARILIA	14-34547437
NATAL	84-32231249			MATAO	16-33821046
NATAL	84-32132345	SANTA CATARINA		MAUA	11-45145233
PAU DOS FERROS	84-3512334	BLUMENAU	47-3227742	MOGI DAS CRUZES	11-47941814
		CANOINHAS	47-6223615	MOGI-GUACU	19-38181171
RIO GRANDE DO SUL		CANOINHAS	47-6223615	MOGI-MIRIM	19-38624401
AGUDO	55-2651036	CAPINZAL	49-35552266	OLIMPIA	17-2812184
ALEGRETE	55-34221969	CHAPECO	49-33223304	OSASCO	11-36837343
BAGE	53-32411295	CHAPECO	49-33221144	OURINHOS	14-33225457
BENTO GONCALVES	54-4526825	CONCORDIA	49-34423704	PIRACICABA	19-34340454
CAMAQUA	51-36711686	CRICIUMA	48-34375155	PIRASSUNUNGA	19-35614091
CAMPINAS DO SUL	54-3661300	CUNHA PORA	49-6460043	PORTO FERREIRA	19-35812441
CANELA	54-32821551	CURITIBANOS	49-32410851	PRES PRUDENTE	18-2225168
CAPAO DA CANOA	51-6652638	DESCANSO	49-36230245	PRES. EPITACIO	18-2814184
CARAZINHO CAXIAS DO SUL	54-3302292 54-32153107	FLORIANOPOLIS INDAIAL	48-32254149 47-33333275	PRES.PRUDENTE PROMISSAO	18-2217943 14-35411696
CAXIAS DO SUL	54-32153107	IPORA DO OESTE	49-36341289	RIBEIRAO PRETO	16-36106989
CERRO LARGO	55-33591973	ITAIOPOLIS	476-522282	RIBEIRAO PRETO	16-36368156
CORONEI BICACO	55-35571397	ITAIAI	47-33444777	RIBEIRAO PRETO	
			4/-33444///		
	E4 2244022	IADACHA DO CHI	47 22722050	DIO CLADO	16-36107553
ERECHIM ESTANGIA VELLIA	54-3211933	JARAGUA DO SUL	47-33722050	RIO CLARO	19-35348543
ESTANCIA VELHA	51-35612142	JOACABA	49-35220418	S BERNARDO CAMPO	19-35348543 11-41257000
ESTANCIA VELHA FARROUPILHA	51-35612142 54-32683603	JOACABA JOINVILLE	49-35220418 47-34331146	S BERNARDO CAMPO S BERNARDO CAMPO	19-35348543 11-41257000 11-43681788
ESTANCIA VELHA FARROUPILHA FAXINAL DO SOTURNO	51-35612142 54-32683603 55-32631150	JOACABA JOINVILLE LAGES	49-35220418 47-34331146 49-2232355	S BERNARDO CAMPO S BERNARDO CAMPO S CAETANO DO SUL	19-35348543 11-41257000 11-43681788 11-42214334
ESTANCIA VELHA FARROUPILHA FAXINAL DO SOTURNO FLORES DA CUNHA	51-35612142 54-32683603 55-32631150 54-2922625	JOACABA JOINVILLE LAGES LAGES	49-35220418 47-34331146 49-2232355 49-32244414	S BERNARDO CAMPO S BERNARDO CAMPO S CAETANO DO SUL S JOAO BOA VISTA	19-35348543 11-41257000 11-43681788 11-42214334 19-36232990
ESTANCIA VELHA FARROUPILHA FAXINAL DO SOTURNO FLORES DA CUNHA FREDERICO WESTPHALEN	51-35612142 54-32683603 55-32631150 54-2922625 55-37441850	JOACABA JOINVILLE LAGES LAGES LAGUNA	49-35220418 47-34331146 49-2232355 49-32244414 48-36461221	S BERNARDO CAMPO S BERNARDO CAMPO S CAETANO DO SUL S JOAO BOA VISTA S JOSE CAMPOS	19-35348543 11-41257000 11-43681788 11-42214334 19-36232990 12-39239508
ESTANCIA VELHA FARROUPILHA FAXINAL DO SOTURNO FLORES DA CUNHA FREDERICO WESTPHALEN GETULIO VARGAS	51-35612142 54-32683603 55-32631150 54-2922625 55-37441850 54-3411888	JOACABA JOINVILLE LAGES LAGES LAGUNA LAURO MULLER	49-35220418 47-34331146 49-2232355 49-32244414 48-36461221 48-4643202	S BERNARDO CAMPO S BERNARDO CAMPO S CAETANO DO SUL S JOAO BOA VISTA S JOSE CAMPOS S JOSE DO RIO PARDO	19-35348543 11-41257000 11-43681788 11-42214334 19-36232990 12-39239508 19-36085760
ESTANCIA VELHA FARROUPILHA FAXINAL DO SOTURNO FLORES DA CUNHA FREDERICO WESTPHALEN	51-35612142 54-32683603 55-32631150 54-2922625 55-37441850	JOACABA JOINVILLE LAGES LAGES LAGUNA	49-35220418 47-34331146 49-2232355 49-32244414 48-36461221	S BERNARDO CAMPO S BERNARDO CAMPO S CAETANO DO SUL S JOAO BOA VISTA S JOSE CAMPOS S JOSE DO RIO PARDO S JOSE RIO PRETO	19-35348543 11-41257000 11-43681788 11-42214334 19-36232990 12-39239508
ESTANCIA VELHA FARROUPILHA FAXINAL DO SOTURNO FLORES DA CUNHA FREDERICO WESTPHALEN GETULIO VARGAS GIRUA GRAVATAI	51-35612142 54-32683603 55-32631150 54-2922625 55-37441850 54-3411888 55-33611764 51-4882830	JOACABA JOINVILLE LAGES LAGES LAGUNA LAURO MULLER MARAVILHA PINHALZINHO	49-35220418 47-34331146 49-2232355 49-32244414 48-36461221 48-4643202 49-6640052 497-661014	S BERNARDO CAMPO S BERNARDO CAMPO S CAETANO DO SUL S JOAO BOA VISTA S JOSE CAMPOS S JOSE CAMPOS S JOSE DO RIO PARDO S JOSE RIO PRETO S JOSE RIO PRETO	19-35348543 11-41257000 11-43681788 11-42214334 19-36232990 12-39239508 19-36085760 17-32325680 17-2352381
ESTANCIA VELHA FARROUPILHA FARNOUPILHA FAZINAL DO SOTURNO FLORES DA CUNHA REDERICO WESTPHALEN GETULIO VARGAS GIRUA GRAVATAI HORIZONTINA	51-35612142 54-32683603 55-32631150 54-2922625 55-37441880 55-33611764 51-4882830 55-35371680	JOACABA JOINVILLE LAGES LAGES LAGUNA LAURO MULLER MARAVILHA PINHALZINHO PORTO UNIAO	49-35220418 47-34331146 49-2232355 49-32244414 48-36461221 48-4643202 49-6640052 497-661014 42-35232839	S BERNARDO CAMPO S BERNARDO CAMPO S BERNARDO CAMPO S CAETANO DO SUL S JOAO BOA VISTA S JOSE CAMPOS S JOSE CO RIO PARDO S JOSE RIO PRETO S JOSE RIO PRETO S JOSE RIO PRETO SALTO	19-35348543 11-41257000 11-43681788 11-42214334 19-36232990 12-39239508 19-36085760 17-32325680 17-3352381 11-40296563
ESTANCIA VELHA FARROUPILHA FAXINAL DO SOTURNO FLORES DA CUNIHA REDERICO WESTPHALEN GETULIO VARGAS GIRUA GRAVATAI HORIZCONTINA BIBRAIARAS	51-35612142 54-32683603 55-32631150 54-2922625 55-37441850 54-3411888 55-33611764 51-4882830 55-33371680 54-3551359	JOACABA JOINVILLE LAGES LAGES LAGUNA LAURO MULLER MARAVILHA PINHALZINHO PORTO UNIAO RIO DO SUL	49-35220418 47-34331146 49-223235 49-32244414 48-36461221 48-4643202 49-6640052 497-661014 42-35232839 47-5211920	S BERNARDO CAMPO S BERNARDO CAMPO S CAETANO DO SUL S JOAO BOA VISTA S JOSE CAMPOS S JOSE DO RIO PARDO S JOSE DO RIO PARDO S JOSE RIO PRETO SALTO SANTO ANDRE	19-35348543 11-41257000 11-43681788 11-42214334 19-36232990 12-39239508 19-36085760 17-3235280 11-40296563 11-49905288
ESTANCIA VELHA FARROURILHA FARROURILHA FAINIAL DO SOTURNO FLORES DA CUNHA FREDERICO WESTPHALEN GETULIO VARGAS GIRUA GRAVATAI HORIZONTINA BIRAJARAS JIJU	51-35612142 54-32683603 55-32631150 54-2922625 55-37441850 54-3411888 55-33611764 51-4882830 55-35371680 54-3551359 55-33327766	JOACABA JOINVILLE LAGES LAGES LAGUS LAUNO MULLER MARAVILHA PINHALZINHO PORTO UNIAO RIO DO SUL SAO MIGUEL D'OESTE	49-35220418 47-34331146 49-2232355 49-32244414 48-36461221 48-4643202 49-6640052 497-661014 42-35232839 47-5211920 49-36220026	S BERNARDO CAMPO S BERNARDO CAMPO S BERNARDO CAMPO S CAETANO DO SUL S JOAO BOA VISTA S JOSE CAMPOS S JOSE DO RIO PARDO S JOSE RIO PRETO S JOSE RIO PRETO SALTO SANTO ANDRE SANTOS	19-35348543 11-41257000 11-43681788 11-42214334 19-36232990 12-39239508 19-36085760 17-23223680 17-2352381 11-40296563 11-49905288 13-32272947
ESTANCIA VELHA FARROUPILHA FAXINAL DO SOTURNO FLORES DA CUNHA FREDERICO WESTPHALEN GETULO VARGAS GIRUA GRAVATAI HORIZONTINA BIBRAJARAS IJUI IMBE	51-35612142 54-32683603 55-32631150 54-2922625 55-37441850 54-3411888 55-33611764 51-4882830 55-35371680 54-3551359 55-3327766 51-36272704	JOACABA JOINVILLE LAGES LAGES LAGUNA LAURO MULLER MARAVILHA PINHALZINHO PORTO UNIAO RIO DO SUL SAO MIGUEL D'OESTE SEARA	49-35220418 47-34331146 49-2232355 49-32244414 48-36461221 48-4643202 49-6640052 497-661014 42-35232839 47-5211920 49-4520026 49-4521034	S BERNARDO CAMPO S BERNARDO CAMPO S CAETANO DO SUL S JONO BOA VISTA S JOSE CAMPOS S JOSE DO RIO PARDO S JOSE DO RIO PARDO S JOSE RIO PRETO S JOSE RIO PRETO SANTO ANDRE SANTOS SANTOS	19-35348543 11-41257000 11-43681788 11-42214334 19-36232990 12-39239508 19-36085760 17-23225680 17-2352381 11-40295563 11-49905288 13-32272947 13-32247339
ESTANCIA VELHA FARROUPILIA FARROUPILIA FARRINAL DO SOTURNO FLORES DA CUNHA REDERICO WESTPHALEN GETULIO VARGAS GIRUA GRAVATAI HORIZONTINA BIRAIRAS IJUI IMBE LAJEADO	\$1-35612142 \$4-32683603 \$5-32631150 \$4-2922625 \$5-37441880 \$5-33611764 \$51-4882830 \$5-35371680 \$6-3551359 \$5-33327766 \$51-36272704 \$51-37145155	JOACABA JOINVILLE LAGES LAGES LAGUN LAURO MULLER MARAVILHA PINHALZINHO PORTO UNIAO RIO DO SUL SAO MIGUEL D'OESTE SEARA SOMBRIO	49-35220418 47-34331146 49-223355 49-32244414 48-36461221 48-4643202 49-6640052 497-661014 42-35232839 47-5211920 49-36220026 49-4521034 48-5331225	S BERNARDO CAMPO S CAETANO DO SUL S JOAO BOA VISTA S JOAE BOA VISTA S JOSE CAMPOS S JOSE DO RIO PRADO S JOSE BO PRETO SALTO SANTOS SANTOS SAO CARLOS	19-35348543 11-41257000 11-43681788 11-42214334 19-36232990 12-39239508 19-36085760 17-23225680 17-2352381 11-40296563 11-49905288 13-32272947 13-32647339 16-33614913
ESTANCIA VELHA FARROUPILHA FANINAL DO SOTURNO FLORES DA CUNHA FREDERICO WESTPHALEN GETULO VARGAS GIRUA GRAVATAI HORIZONTINA IBIRAIARAS IJUI IIME LAJEADO MARAU	51-35612142 54-32683603 55-32631150 54-2922625 55-37441850 54-3411888 55-33611764 51-4882830 55-35371680 54-3551359 55-3327766 51-36272704	JOACABA JOINVILLE LAGES LAGES LAGUNA LAURO MULLER MARAVILHA PINHALZINHO PORTO UNIAO RIO DO SUL SAO MIGUEL D'OESTE SEARA	49-35220418 47-34331146 49-2223355 49-32244414 48-36461221 48-643202 49-640025 49-640014 42-35232839 47-5211920 49-4521034 48-5331225 478-620576	S BERNARDO CAMPO S BERNARDO CAMPO S CAETANO DO SUL S JOAO BOA VISTA S JOSE CAMPOS S JOSE DO RIO PARDO S JOSE DO RIO PARDO S JOSE NO PRETO S ALTO SANTO SANTOS SANTOS SAO CARLOS SAO CARLOS	19-35348543 11-41257000 11-43681788 11-42214334 19-36232990 12-39239508 19-36085760 17-23225680 17-2352381 11-40295563 11-49905288 13-32272947 13-32247339
ESTANCIA VELHA FARROUPILIA FARROUPILIA FARRINAL DO SOTURNO FLORES DA CUNHA REDERICO WESTPHALEN GETULIO VARGAS GIRUA GRAVATAI HORIZONTINA BIRAIRAS IJUI IMBE LAJEADO	51-35612142 54-32683603 55-32631150 54-2972625 55-37441850 54-3411888 55-33611764 51-4882830 55-33571680 54-357359 55-33327766 51-36272704 51-37445155 54-33424571	JOACABA JOINVILE LAGES LAGEN LAGEN LAGUNA LAURO MULLER HARAAVILHA PINHAL ZINHO PONTO UNIAO RIO DO SUL SAO MIGUEL D'OESTE SEARA SOMBRIO TAIO TAIO TUBARARO	49-35220418 47-34331146 49-223355 49-32244414 48-36461221 48-4643202 49-6640052 497-661014 42-35232839 47-5211920 49-36220026 49-4521034 48-5331225	S BERNARDO CAMPO S CAETANO DO SUL S JOAO BOA VISTA S JOAE BOA VISTA S JOSE CAMPOS S JOSE DO RIO PRADO S JOSE BO PRETO SALTO SANTOS SANTOS SAO CARLOS	19-35348543 11-41257000 11-43681788 11-42214334 11-42214334 11-4222990 12-39239508 19-36085760 17-32322660 17-2352381 11-40295653 11-49905288 13-32272947 13-32847339 16-33614913 12-39122728
ESTANCIA VELHA FARROUPILIA FARROUPILIA FARROUPILIA FARROUPILIA FARROUPILIA FORES DA CUNHA FREDERICO WESTPHALEN GETULIO VARGAS GRUA GRAVATAI HORIZONTINA BIRAIRAS IJUI IMBE LAJEADO MARAU MONTENEGRO	51-35612142 54-32683603 55-32631150 54-2922625 55-37441850 54-3411888 55-33611764 51-488280 54-3551359 55-3327766 51-36272704 51-37145155 54-33424571 51-6324187	JOACABA JOINVILLE LAGES LAGES LAGUNA LAURO MULLER MARAVILHA PINNHALZINHO PORTO UNIAO RIO DO SUL SAO MIGUEL D'OESTE SEARA SOMBRIO TAIO	49-35220418 47-34331146 49-2232355 49-32244414 48-36461221 48-4643202 49-6640052 497-661014 42-35232839 47-5211920 49-36220026 49-4521034 48-5331225 478-620576 48-6224448	S BERNARDO CAMPO S CAÉTANO DO SUL S JOAN ED AVISTA S JOSE CAMPOS S JOSE CAMPOS S JOSE DO RIO PARDO S JOSE BO PRETO S JOSE RIO PRETO SANTOS SANTOS SAO CARLOS SAO JOSE DO CAMPOS SAO JOSE	19-35348543 11-41257000 11-43681788 11-42214334 119-36232990 12-3923908 19-36085760 17-32325680 17-32325680 17-323272947 13-32272947 13-32247339 16-33614913 12-39122728
ESTANCIA VELHA FARROUPILHA FAXINAL DO SOTURNO FLORES DA CUNHA FREDERICO WESTPHALEN GETULIO VARGAS GIRUA GRAVATAI HORIZONTINA BIBRAJRAS JUI IMBE LAJEADO MARAU MONTENEGRO NONOAI	51-35612142 54-32683603 55-32681150 54-9272625 55-37441850 54-3411888 55-33611764 51-4882830 55-33371680 54-3551359 55-33327766 51-36272704 51-37145155 54-33424571 54-324187 54-324187	JOACABA JOHNULE LAGES LAGES LAGES LAGES LAGUNA LAURO MULLER MARAVILHA PINHALZINHO PORTO UNIAO RIO DO SUL SAO MIGUEL D'OESTE SEARA SOMBRIO TUBARAO TUBARAO	49-35220418 47-34331146 49-2223355 49-32244414 48-864022 48-664022 49-6640052 49-664004 43-35232839 47-5211930 47-5211930 48-5331225 48-40576 48-622448 48-622448 48-6261651	S BERNARDO CAMPO S BERNARDO CAMPO S CAETANO DO SUL S JOAO BOA VISTA S JOSE CAMPOS S JOSE DO RIO PARDO S JOSE BO RIO PARDO S JOSE BO RETO SALTO SANTOS SANTOS SAO CARLOS SAO JOSE BO CAMPOS SAO JOSE RIO PRETO SAO PAULO SAO JOSE RIO PRETO SAO PAULO	19-35348543 11-41257000 11-43681788 11-42214334 19-36232990 12-39239508 19-36685740 17-32325680 17-32325680 17-32325680 17-32327397 13-32272947 13-3247339 16-33614913 12-39122728 17-3355241 11-2964622
ESTANCIA VELHA FARROUPILIA FARROUPILIA FARROUPILIA FARROUPILIA FARROUPILIA FARROUPILIA FREDERICO WESTPHALEN GETULIO VARGAS GIRUA GRAVATAI HORIZONTINA BIRAIRAS IJIUI IMBE LAJEADO MARAU MONTENEGRO NONOAI NOVA PRATA	51-35612142 54-32683603 55-32631150 54-2922625 55-37441850 54-3411888 55-33611764 51-4882830 55-35271680 54-3551359 55-3327766 51-36272704 51-37145155 54-33424571 51-6324187 54-3621126 54-32421328	JOACABA JOINVILE LAGES LAGUNA LAURO MULLER MARAVILHA MARAVILHA PINHAL ZINHO PONTO UNIAO RIO DO SUL SAO MIGUELE D'OESTE SEARA TUBARAO TUBARAO TUBARAO TUBARAO TUBARAO	49-35220418 47-34331146 47-222355 49-3224441 48-34641221 48-4643202 497-661014 42-3522839 47-5211920 49-36220026 49-4521034 48-5331225 47-8620576 48-622448 48-6264651 48-5250373	S BERNARDO CAMPO S CAETANO DO SUL S JOAN BOA VISTA S JOSE CAMPOS S JOSE CAMPOS S JOSE DO RIO PARDO S JOSE BO PRETO S JOSE RIO PRETO SANTOS SANTOS SANTOS SAO CARLOS SAO JOSE DO CAMPOS SAO JOSE DO CAMPOS SAO JOSE DO CAMPOS SAO PAULO SA BERNARDO CAMPOS SAO PAULO SAO PA	19.353465-43 11-41257000 11-43681788 11-42214334 19-36232990 12-39239508 19-36085760 17-332388 11-4099653 11-4099653 13-32272947 13-32847339 16-3364191 12-39122728 17-3255241 11-2964622 11-67936116
ESTANCIA VELHA FARROUPILIA FAXINAL DO SOTURNO FLORES DA CUNHA FREDERICO WESTPHALEN GETULIO VARGAS GIRUA GRAVATAI HORIZONTINA BIBRAIRARAS IJUI IMBE LAJEADO HARAU HONTENBEGRO NONOAI NOVA PRATA NOVO HAMBURGO	51-354(2142 54-32683603 55-32631150 54-2922625 55-37441850 54-3411888 55-33611764 51-4882830 55-33317680 54-3531359 55-33327766 51-36272704 51-362727	JOACABA JOINVILE LAGES LAGUNA LAGES LAGUNA LAURO MULLER MARAVILHA PINHALIZINHO PORTO UNIAO RIO DO SUL SAO MIGUEL D'OESTE SEARA SOMBRIO TUBARAO TUBARAO TUBARAO TUBANO TUBANO TUBANO TUBANO TUBANO TUBANO TUBANO TUBANO TUBANO	49-35220418 47-34231144 49-2232355 49-32244514 48-36461221 48-4643202 49-6461052 497-6451014 42-35232839 47-5211920 49-4520026 49-4521024 48-5331225 478-620576 48-6224448 48-62365651 48-5250373 48-645137	S BERNARDO CAMPO S BERNARDO CAMPO S CAETANO DO SUL S DAOA BOA VISTA S JOSE CAMPO S JOSE COMPRETO S JOSE BOO PRETO S JOSE RIO PRETO SALTO SANTOS SANTOS SANOS SAO JOSE RIO PRETO SAO JOSE RIO PRETO SAO JOSE RIO PRETO SANTOS SAN JOSE SAO PRETO SAO PAULO SAO PAULO SAO PAULO SAO PAULO	19-35348543 11-41257000 11-43681788 11-42214334 19-36232990 12-39239508 19-36685740 17-3323581 11-40796563 11-49905288 13-32272947 13-32847339 16-33614913 12-39122728 17-2355241 11-2964622 11-67036116
ESTANCIA VELHA FARROUPILIA FARROUPILIA FARROUPILIA FARROUPILIA FARROUPILIA FARROUPILIA FREDERICO WESTPHALEN GETULIO VARGAS GIRUA GRAVATAI HORIZONTINA BIRAIRAS IJIUI IMBE LAJEADO MARAU HONTENEGRO NONOAI NOVA PRATA NOVO HAMBURGO OSORIO	51-356/12/42 54-32683603 55-32631150 54-2972625 55-327411880 54-3411888 55-33611764 51-4882830 55-33611764 51-36727704 51-37745155 54-33424571 51-6224187 54-3261126 54-3261126 54-3261126 54-3261126 54-3261126 54-3261126	JOACABA JOINVILE LAGES LAGUNA LAGES LAGUNA LAURO MULUER MARAVILHA PINHALZINHO PONTO UNINO RIO DO SUL SAO MIGUELE D'OESTE SEARA SOMBRIO TAIO TUBARAO TUBARAO TUBARAO TURVO URUSSANIGA	49-35220418 47-34331146 47-2223255 49-32244414 48-3644122 48-4643202 49-6440052 49-640052 49-645004 42-35232839 47-5211920 49-8521004 48-5331225 49-8620076 48-6224448 48-62264651 48-5220373 484-55137 49-35660076	S BERNARDO CAMPO S CAÉTANO DO SUL S JOAN BOA VISTA S JOSE CAMPOS S JOSE CAMPOS S JOSE DO RIO PARDO S JOSE NO PRETO SAITO SANTOS SANTOS SANTOS SAO CARLOS SAO JOSE DO CAMPOS SAO JOSE DO CAMPOS SAO PAULO SAO PAULO SAO PAULO	19.353465-43 11-41257000 11-41261788 11-42214334 19-36232990 12-39239508 19-36065760 17-325381 11-4090528 13-3272947 13-32847339 16-33614913 12-39122728 11-2964622 11-67393116 11-67991184 11-38659897
ESTANCIA VELHA FARROUPILLA FARROUPILLA FARROUPILLA FARROUPILLA FARROUPILLA FREDERICO WESTPHALEN GETULIO VARGAS GIRUA GRAVATAI HORIZONTINA BIBRAJARAS IJUI IMBE LJEADO HARAU HONTENEGRO NONOAI NOVA PRATA NOVO HAMBURGO OSORIO PALMEIRA MISSOES PANAMBI PASSO FUNDO	51-354(2142) 54-32683603 55-32631150 54-3722623 55-326411680 54-3511764 51-3682830 54-3511764 51-36272704 51-36272704 51-36272705 51-3274175 51-324187 54-324187 54-324187 54-324187 55-333375488 51-35823191 51-36632524 53-37241407 55-33735488	JOACABA JOINVILE LAGES LAGUNA LAGES LAGUNA LAURO MULIER MARAVILHA PINHALZINHO PORTO UNIAO RIO DO SUL SAO MIGUEL D'OESTE SEARA SOMBRIO TUBARAO TURVO URUSSANGA VIDERA XANNERE SÃO PAULO	49-35220418 47-34331146 49-2223355 49-32244414 48-3646122 48-644022 49-640052 49-640052 49-640054 49-35220839 49-4521034 48-5331225 49-6226448 48-62361651 48-5250373 48-6531473 49-3560076 49-4333026	S BERNARDO CAMPO S EBRNARDO CAMPO S CAÉTANO DO SUL S JOAO BOA VISTA S JOSE CAMPOS S JOSE CAMPOS S JOSE RIO PRETO SALTO SANTO ANDRE SANTO SANTOS SAO CARLOS SAO JOSE RIO PRETO SAO JOSE RIO PRETO SAO JOSE RIO PRETO SAO JOSE RIO PRETO SAO PAULO	19.3548654 11.41257000 11.42691788 11.42214334 11.42214334 11.42214334 11.42214334 11.42012990 12.3923908 12.3923908 11.42995288 13.32272947 13.32367339 16.33614913 12.39122728 17.335241 11.2964622 11.67036116 11.69791184 11.3865987 11.69545517 11.69545517 11.69545517 11.69545517
ESTANCIA VELHA FARROUPILIA FARROUPILIA FARROUPILIA FARROUPILIA FARROUPILIA FARROUPILIA FREDERICO WESTPHALEN GETULIO VARGAS GIRUA GRAVATAI HORIZONTINA BIRAJARAS IJIU IMBE LIJEADO MARAU HONTENEGRO NONOAI NOVA PRATA NOVO HAMBURGO OSORIO PALMBIRA MISSOES PANAMBI PASSO FUNDO PALSO PLOTOS	51-356/12/42 54-32683603 55-32631150 54-3922625 55-37441895 55-33611764 51-48828305 55-33617766 51-36272704 51-36	JOACABA JOINVILE LAGES LAGUNA LAGES LAGUNA LAURO MULUER MARAVILHA PINHALZINHO PONTO UNIAO RIO DO SUL SAO MIGUELE D'OESTE SEARA SOMBRIO TAIO TUBARAO TUBARAO TUBARAO TUBARAO TUBARAO AGUAS DE LINDOIA	49-35220418 47-34331146 49-2232355 49-32244414 48-36461221 48-4643202 49-6640024 42-3523289 47-5211920 49-4520026 49-4520026 49-4520026 48-52331225 48-620576 48-6224448 48-6261651 49-3630373 48-455137 49-3630376 49-333026	S BERNARDO CAMPO S CAETANO DO SUL S JOAN BOA VISTA S JOAS E CAMPOS S JOSE CAMPOS S JOSE CAMPOS S JOSE DO RIO PRETO S JOSE RIO PRETO SANTOS ANTOS SANTOS SANTOS SANO SARLOS SAO JOSE DO CAMPOS SAO JOSE DO CAMPOS SAO PAULO	19.35348543 11.41257000 11.44257000 11.44261768 11.42214314 19.3623299 12.39239508 19.36685760 17.323238 11.49095288 11.40295653 11.49095288 13.32272947 13.3247339 16.33614913 12.39122728 11.67036116 11.685987 11.6756867 11.67572676 11.67572676
ESTANCIA VELHA FARROUPILLA FARROUPILLA FARROUPILLA FARROUPILLA FARROUPILLA FREDERICO WESTPHALEN GETULIO VARGAS GIRUA GRAVATAI HORIZONTINA BIBRAJARAS IJUI IMBE LJEADO HARAU HONTENEGRO NONOAI NOVA PRATA NOVO HAMBURGO OSORIO PALMEIRA MISSOES PANAMBI PASSO FUNDO	51-354(2142) 54-32683603 55-32631150 54-3722623 55-326411680 54-3511764 51-3682830 54-3511764 51-36272704 51-36272704 51-36272705 51-3274175 51-324187 54-324187 54-324187 54-324187 55-333375488 51-35823191 51-36632524 53-37241407 55-33735488	JOACABA JOINVILE LAGES LAGUNA LAGES LAGUNA LAURO MULIER MARAVILHA PINHALZINHO PORTO UNIAO RIO DO SUL SAO MIGUEL D'OESTE SEARA SOMBRIO TUBARAO TURVO URUSSANGA VIDERA XANNERE SÃO PAULO	49-35220418 47-34331146 49-2223355 49-32244414 48-3646122 48-644022 49-640052 49-640052 49-640054 49-35220839 49-4521034 48-5331225 49-6226448 48-62361651 48-5250373 48-6531473 49-3560076 49-4333026	S BERNARDO CAMPO S EBRNARDO CAMPO S CAÉTANO DO SUL S JOAO BOA VISTA S JOSE CAMPOS S JOSE CAMPOS S JOSE RIO PRETO SALTO SANTO ANDRE SANTO SANTOS SAO CARLOS SAO JOSE RIO PRETO SAO JOSE RIO PRETO SAO JOSE RIO PRETO SAO JOSE RIO PRETO SAO PAULO	19.3548654 11.41257000 11.42691788 11.42214334 11.42214334 11.42214334 11.42214334 11.42012990 12.3923908 12.3923908 11.42995288 13.32272947 13.32367339 16.33614913 12.39122728 17.335241 11.2964622 11.67036116 11.69791184 11.3865987 11.69545517 11.69545517 11.69545517 11.69545517
ESTANCIA VELHA FARROUPILIA FARROUPILIA FARROUPILIA FARROUPILIA FARROUPILIA FARROUPILIA FREDERICO WESTPHALEN GETULIO VARGAS GIRUA GRAVATAI HORIZONTINA BIRAJARAS IJIU IMBE LAJEADO MARAU HONTENEGRO NONOAI NOVA PRATA NOVO HAMBURGO OSORIO PALMBIRA MISSOES PANAMBI PASSO FUNDO PLOTAS PORTO ALEGRE PORTO ALEGRE	51-356/12/42 54-32683603 55-32631150 54-3922625 55-37441880 55-3361764 51-4882830 55-3361764 51-3682766 51-36272704 51-36272704 51-36272704 51-36272704 51-36272704 51-36272704 51-36272704 51-36272704 51-36272704 51-36272704 51-36272704 51-36272704 51-36272704 51-36272704 51-36272704 51-37421407 51-3623254 55-37421407 55-33753488 54-33111104 51-32226941 51-31226663 51-31226663	JOACABA JOINVILE LAGES LAGUNA LAGES LAGUNA LAGEN LAGUNA LAURO MULLER MARAVILHA PINHAZINHO PONTO UNIAO RIO DO SUL SAO MIGUEL D'OESTE SEARA SOMBRIO TAIO TUBARAO TUBARAO TUBARAO TUBARAO TUBARAO JURUSSANGA VIOERA XANNERE SÃO PAULO AMERICANA AMPARO	49-35220418 47-3431146 49-2232355 49-32244414 48-36461221 48-4643202 49-6640024 47-35232839 47-5211920 49-4520026 49-4520026 49-4520026 49-4520037 48-52331225 478-620576 48-5224448 48-626551 48-5250373 48-455137 49-3660376 49-333026	S BERNARDO CAMPO S CAETANO DO SUL S JOAN BOA VISTA S JOAS E CAMPOS S JOSE CAMPOS S JOSE CAMPOS S JOSE DO RIO PRATO S JOSE RIO PRETO SANTOS SANTOS SANTOS SANTOS SAN JOSE DO CAMPOS SAO JOSE DO CAMPOS SAO PAULO	19.35348543 11.41257000 11.44257000 11.44261798 11.42214334 19.3623299 12.39239508 19.36685760 17.323238 11.49095288 13.32272947 13.32847339 16.33614913 12.39122728 11.67036116 11.685987 11.6756867 11.67572676 11.67572676 11.67572676 11.67572676
ESTANCIA VELHA FARROUPILLA FARROUPILLA FARROUPILLA FARROUPILLA FARROUPILLA FREDERICO WESTPHALEN GETULIO VARGAS GIBUA GRAVATAI HORIZONTINA BIBRAJARAS IJUI IMBE LAJEADO MARAU MONTENEGRO NONOAI NOVA PRATA NOVO HAMBURGO OSORIO PALMEIRA MISSOES PANAMBI PASSO FUNDO PELOTTAS PORTO ALEGRE PORTO ALEGRE PORTO ALEGRE PORTO ALEGRE PORTO ALEGRE	\$1-356/12/42 \$1-356/12/42 \$1-356/12/42 \$1-356/12/41/41/50 \$1-356/12/41	JOACABA JOINVILE LAGES LAGUNA LAGES LAGUNA LAURO MULIER MARAVILHA PINHALZINHO PORTO UNINAO RIO DO SUL SAO MIGUEL D'OESTE SEARA SOMBRIO TAIO TUBARAO TURVO URUSSANGA VIDEBA XADEREE SÃO PAULO AGUAS DE UNIDOIA AMERICANA	49-35220418 47-34331146 49-2223355 49-32244414 48-34441202 49-6440052 49-6440052 49-6440052 49-645014 42-3522829 49-5421024 48-5331725 49-6220448 48-6226461 48-6226461 48-6226461 49-4333026 49-4333026 49-4333026 49-4333026 49-4333026 49-4333026 49-4333026 49-4333026 49-4333026 49-4333026	S BERNARDO CAMPO S EBRNARDO CAMPO S CAÉTANO DO SUL S JOAO BOA VISTA S JOSE CAMPOS S JOSE CAMPOS S JOSE CAMPOS S JOSE RIO PRETO SALTO SANTO ANDRE SANTOS SANO CARLOS SAO JOSE RIO PRETO SAO JOSE RIO PRETO SAO JOSE RIO PRETO SAO PAULIO	19.35346543 11.41257000 11.41257000 11.4261788 11.42214334 19.36232990 12.9239508 19.36085760 17.325381 11.40705288 13.32272947 13.32347339 16.33614913 12.39122738 17.3255241 11.2964622 11.67036116 11.69791184 11.3855987 11.62156667 11.69545517 11.9375796 11.63752766 11.66940101 11.32727761 11.3272766 11.66940101 11.32727761 11.3272766 11.66940101 11.32777111 11.3375796
ESTANCIA VELHA FARROUPILIA FARROUPILIA FARROUPILIA FARROUPILIA FARROUPILIA FARROUPILIA FREDERICO WESTPHALEN GETULIO VARGAS GIRUA GRAVATAI HORIZONTINA BIRAJARAS IJIU IMBE LIJEADO MARAU HONTENEGRO NONOAI NOVA PRATA NOVO HAMBURGO GSORIO PALMBIRA MISSOES PANAMBI PASSO FUNDO PLOTAS PORTO ALEGRE PORTO ALEGRE PORTO ALEGRE FORTO ALEGRE	51-356/12/42 54-32683603 55-32631150 54-3922625 55-37441895 55-33611764 51-48828305 55-33611764 51-48828305 53-337766 51-36272704 51-36272704 51-36272704 51-36272704 51-36272704 51-36272704 51-36272704 51-36272704 51-36272704 51-36272704 51-36272704 51-36272704 51-36272704 51-37421407 51-3623254 55-37421407 55-33753488 54-33111104 55-33753488 54-3311104 51-32226941 51-31226663 51-31226663 51-31226663 51-31226881	JOACABA JOINVILE LAGES LAGUNA LAGES LAGUNA LAGEN LAGUNA PINHAIZINHO PORTO UNIAO RIO DO SUL SAO MIGUELE D'OESTE SEARA SOMBRIO TAIO TUBARAO TUBARAO TUBARAO TUBARAO TURES SÃO PAULO AGUAS DE UNIOOIA AMERICANA AMPARO ARACATUBA	49-35220418 47-3431146 49-2232355 49-32244414 48-34641221 48-444202 49-6440022 49-6440022 49-6460124 42-3522839 47-5211920 49-8220026 49-820026 49-82	S BERNARDO CAMPO S CAETANO DO SUL S JOAN BOA VISTA S JOSE CAMPOS S JOSE CAMPOS S JOSE CAMPOS S JOSE ON PRETO S JOSE RIO PRETO SANTOS SANTOS SANTOS SAN JOSE RIO PRETO SAO JOSE RIO PRETO SAO PAULO	19.35348543 11.41257000 11.44257000 11.43581788 11.42214334 19.36232990 12.39239508 19.36085760 17.3232386 11.49095288 11.49095288 13.32272947 13.32347339 16.33614913 12.39122728 11.67203616 11.672036 11.6720
ESTANCIA VELHA FARROUPILLA FARROUPILLA FARROUPILLA FARROUPILLA FARROUPILLA FREDERICO WESTPHALEN GETULIO VARGAS GIBUA GRAVATAI HORIZONTINA BIBRIAHRAS IJUI IMBE LAJEADO HARAU MONTENEGERO NONOAI NOVA PRATA NOVO HAMBURGO OSORIO PALMERA MISSOES PANAMBI PASSO FUNDO PELOTTA PORTO ALEGRE RIO GRANDE SANTA DO UNFAMENTO	51-356/12/42 51-356/2149 53-326/31150 53-326/31150 53-326/3150 53-326/3150 53-3274/41850 53-3317/680 53-3317/680 53-3317/680 53-3317/680 53-3317/680 53-3317/680 53-3317/680 53-3317/680 53-3317/680 53-3317/680 53-3317/680 53-3317/680 53-3317/680 53-3317/680 53-3317/680 53-3317/680 53-3317/680 53-3317/680 53-3317/680 53-3317/5488 53-3317/5488 53-3317/5488 53-3317/5488 53-3317/5488 53-3317/5488 53-3317/5488 53-3317/5488	JOACABA JOINVILE LAGES LAGUNA LAGES LAGUNA LAURO MULIER MARAVILHA PINHALZINHO PORTO UNINAO RIO DO SUL SAO MIGUEL D'OESTE SEARA SOMBRIO TUBARAO TURVO URUSSANGA VIDEBA XANDERE SÃO PAULO AGUAS DE UNIDOIA AMPERICANA AMPARO ARRAGOUARA ARRAGOUARA ARBAROUARA ARBAROUARA ARBAGOUARA ARBAGATUBA	49-35220418 47-34331146 49-2223355 49-32244414 48-3444022 49-6440052 49-6440052 49-6440052 49-645014 42-35232839 47-5211920 49-4521034 48-5331225 49-6220448 48-6226448 48-6226448 48-6226451 48-626651 48-626651 49-4333026	S BERNARDO CAMPO S CAÉTANO DO SUL S JOAD BOA VISTA S JOSE CAMPOS S JOSE CAMPOS S JOSE CAMPOS S JOSE RIO PRETO SALTO SANTO ANDRE SANTO ANDRE SANTO SANTOS SAO CARLOS SAO JOSE RIO PRETO SAO JOSE RIO PRETO SAO JOSE RIO PRETO SAO PAULO	19.35346543 11.41257000 11.41257000 11.4261788 11.42214334 19.36232990 12.9239508 19.36085760 17.325381 11.40705288 13.32272947 13.32347339 16.33614913 12.39122728 17.2355241 11.2964622 11.67036116 11.69791184 11.3855987 11.62156667 11.69545517 11.3727276 11.63727661 11.63777111 11.3727276 11.6375796442 11.6375797644 11.56679695
ESTANCIA VELHA FARROUPILIA FARROUPILIA FARROUPILIA FARROUPILIA FARROUPILIA FREDERICO WESTPHALEN GETULIO VARGAS GIRIAA GIRIAA GIRIAA HORIZONTINA BIRAJARAS IJIU IMBE LIJEADO MARAU MONTENEGRO NONOAI NOVA PRATA NOVO HAMBURGO OSORIO PALMEIRA MISSOES PANAMBI PASSO FUNDO PELOTAS PORTO ALEGRE PORTO ALEGRE PORTO ALEGRE PORTO ALEGRE ROIG GANTAMENTO SANTA MARIA	51-356/12/42 54-32683603 55-32631150 54-3922625 55-374-41889 55-33611764 51-38628301 55-33617680 54-3551359 55-33217766 51-36272704 51-3272765 51-3272704 51-3272	JOACABA JOINVILE LAGES LAGUNA LAGES LAGUNA LAGEN LAGUNA LAURO MULLER MARAVILHA PINHAZINHO PONTO UNIAO RIO DO SUL SAO MIGUEL D'OESTE SEARA SOMBRIO TAIO TUBARAO TUBARAO TUBARAO TUBARAO TURING URUSSANGA VIOERA XANNERE SÃO PAULO AMERICANA AMPARO ARACATUBA ARARAQUIARA ATIBAIA ARARAQUIARA ATIBAIA	49-35220418 47-3431146 49-2232355 49-32244414 48-34647221 48-444202 49-6440052 497-6461014 42-35232839 47-5211920 49-8220026 49-820026 49-	S BERNARDO CAMPO S CAETANO DO SUL S JOAN BOA VISTA S JOSE CAMPOS S JOSE CAMPOS S JOSE CAMPOS S JOSE RIO PRETO S JOSE RIO PRETO SANTOS SANTOS SANTOS SAN JOSE RIO PRETO SAO JOSE RIO PRETO SAO PAULO	19.35348543 11-41257000 11-43541768 11-42214314 19.40232990 12.39239508 19.34085760 17.3232386 11-49905288 13.32272947 13.32347339 16.33614913 12.39122728 17.3255241 11.9264822 11.67036116 11.685997 11.42156667 11.6954517 11.39726764 11.39727696 11.49754691 11.39757996 11.49764691 11.39757996 11.49764691 11.39757996 11.49764691 11.39757996 11.49764691 11.39757996 11.49764691 11.39757996 11.49764691 11.39757996 11.49764691 11.39757996 11.49764691 11.39757996 11.49764691 11.39757996 11.49764691 11.39757996
ESTANCIA VELHA FARROUPILLA FARROUPILLA FARROUPILLA FARROUPILLA FARROUPILLA FREDERICO WESTPHALEN GETULIO VARGAS GIBUA GRAVATAI HORIZONTINA BIBRIAHRAS IJUI IMBE LAJEADO HARAU MONTENEGRO NONOAI NOVA PRATA NOVO HAMBURGO OSORIO PALMEIRA MISSOES PANAMBI PASSO FUNDO PELOTAS PORTO ALEGRE PORTO ALEGRE PORTO ALEGRE FORTO ALEG	\$11-356/12/42 \$13-26683403 \$5.30631150 \$5.30631150 \$5.30631150 \$5.307441850 \$5.307441850 \$5.33611764 \$1.33617640 \$5.3361776400 \$5.336177640 \$5.336177640 \$5.336177640 \$5.336177640 \$5.336177640 \$5.336177640 \$5.336177640 \$5.336177640 \$5.336177640 \$5.336177640 \$5.336177640 \$5.336177640 \$5.336177640 \$5.336177640 \$5.3361776400 \$5.3361776400 \$5.3361776400 \$5.33617764000 \$5.3361776400000	JOACABA JOINVILE LAGES LAGUNA LAGES LAGUNA LAURO MULIER MARAVILHA PINHALZINHO PORTO UNINAO RIO DO SUL SAO MIGUEL D'OESTE SEARA SOMBRIO TUBARAO TURVO URUSSANGA VIDEBA XANDERE SÃO PAULO AGUAS DE UNIDOIA AMERICANA AMPARO ARRACOTUBA AR	49-35220418 47-34331146 49-2223355 49-32244414 48-3444022 48-4443202 49-4440052 49-4540014 42-35232839 47-5211920 49-4521034 48-5331225 49-4521034 48-523676 48-622448 48-6261651 48-5250373 49-4333026 19-38241524 19-38072674 19-38072674 19-38072674 19-33072671 11-44118145 14-37322142 17-33222742	S BERNARDO CAMPO S CAÉTANO DO SUL S JOAD BOA VISTA S JOSE CAMPOS S JOSE CAMPOS S JOSE CAMPOS S JOSE RIO PRETO SALTO SANTO ANDRE SANTO ANDRE SANTO SANTOS SAO CARLOS SAO JOSE RIO PRETO SAO JOSE RIO PRETO SAO JOSE RIO PRETO SAO PAULO	19.35346543 11.41257000 11.41257000 11.4251708 11.42214334 19.36232990 12.9239508 19.36085700 17.323580 11.40705288 13.32272947 13.32347339 16.33614913 12.39122738 17.3255241 11.2964622 11.67036116 11.69791184 11.3855987 11.62156667 11.69545517 11.3727276 11.6215667 11.6679691 11.3727276 11.62797644 11.36679695 11.6679695 11.6679691 11.3727711 11.3727276 11.6679691 11.62797644 11.56679695 11.62797644 11.5679691 11.372737711 11.3727276
ESTANCIA VELHA FARROUPILIA FARROUPILIA FARROUPILIA FARROUPILIA FARROUPILIA FREDERICO WESTPHALEN GETULIO VARGAS GIRUA GRAVATA HORIZONTINA BIRAJARAS IJIU IMBE LIJEADO MARAU MONTENEGRO NONOAI NOVA PRATA NOVO HAMBURGO GOSORIO PALMEIRA MISSOES PANAMBI PASSO FUNDO PELOTAS PORTO ALEGRE PORTO ALEGRE PORTO ALEGRE ROIG GANDE SANTA MOSIA SANTA MISSOES SANTA MISTORIA DA PALMAR	51-356/12/42 54-32683603 55-32631150 54-3922625 55-37441898 54-3411898 55-33611760 55-33617680 54-3551339 55-33217766 51-36272704 51-32745155 54-3242132 54-3242132 54-3242132 54-32421338 51-35823191 51-3623524 55-37421407 55-33753488 54-3321126 54-32421338 51-352254 55-37421407 55-33753488 54-33411104 55-32226941 55-32226693 51-32226693 51-32226893 51-32226893 51-32226893 51-32226893 51-32226893 51-32223655 55-35121991 55-32411899 55-3222235 55-35121991	JOACABA JOINVILE LAGES LAGUNA LAGES LAGUNA LAGEN LAGUNA LAURO MULLER MARAVILHA PINHAZINHO PONTO UNIAO RIO DO SUL SAO MIGUEL D'OESTE SEARA SOMBRIO TUBA TUBARAO TUBARAO TUBARAO TUBARAO TURSY URUSSANGA VIOERA XANNERE  SÃO PAULO AMERICANA AMPARO ARACATUBA ARAGATUBA ARARAQUIARA ATIBAIA AVARE BARRETOS BARTATAS	49-35220418 47-3431146 49-2232355 49-32244414 48-36461221 48-4643202 49-46401024 42-35232839 47-5211920 49-4520026 49-4521034 48-5231225 478-620576 48-523313 48-455137 49-360276 49-4333026 19-380241524 19-38027674 19-380241524 19-38027676 19-380241524 19-380241524 19-380241524 19-380241524 19-380241524 19-380241524 19-380241524 19-380241524 19-38021675 16-33388710 11-44118145 14-37322242 17-33222742 16-27614455	S BERNARDO CAMPO S CAETANO DO SUL S JOAN BOA VISTA S JOSE CAMPOS S JOSE CAMPOS S JOSE CAMPOS S JOSE OR IND PAETO S JOSE RIO PRETO SANTOS SANTOS SANTOS SANTOS SAN JOSE DO CAMPOS SAO JOSE DO CAMPOS SAO JOSE DO CAMPOS SAO PAULO	19.35348543 11.41257000 11.43681788 11.42214314 19.36232990 12.39239508 19.36085760 17.32323660 17.32323861 11.40995528 11.40995528 11.40995528 11.40995528 11.40995528 11.40995528 11.4099528 11.4095
ESTANCIA VELHA FARROUPILLA FARROUPILLA FARROUPILLA FARROUPILLA FARROUPILLA FREDERICO WESTPHALEN GETULIO VARGAS GIBUA GRAVATAI HORIZONTINA BIBRIAHRAS IJUI IMBE LAJEADO HARAU MONTENEGRO NONOAI NOVA PRATA NOVO HAMBURGO OSORIO PALMEIRA MISSOES PANAMBI PASSO FUNDO PELOTAS PORTO ALEGRE PORTO ALEGRE PORTO ALEGRE FORTO ALEG	\$11-356/12/42 \$13-26683403 \$5.30631150 \$5.30631150 \$5.30631150 \$5.307441850 \$5.307441850 \$5.33611764 \$1.33617640 \$5.3361776400 \$5.336177640 \$5.336177640 \$5.336177640 \$5.336177640 \$5.336177640 \$5.336177640 \$5.336177640 \$5.336177640 \$5.336177640 \$5.336177640 \$5.336177640 \$5.336177640 \$5.336177640 \$5.336177640 \$5.3361776400 \$5.3361776400 \$5.3361776400 \$5.33617764000 \$5.3361776400000	JOACABA JOINVILE LAGES LAGUNA LAGES LAGUNA LAURO MULIER MARAVILHA PINHALZINHO PORTO UNINAO RIO DO SUL SAO MIGUEL D'OESTE SEARA SOMBRIO TUBARAO TURVO URUSSANGA VIDEBA XANDERE SÃO PAULO AGUAS DE UNIDOIA AMERICANA AMPARO ARRACOTUBA AR	49-35220418 47-34331146 49-2223355 49-32244414 48-3444022 48-4443202 49-4440052 49-4540014 42-35232839 47-5211920 49-4521034 48-5331225 49-4521034 48-523676 48-622448 48-6261651 48-5250373 49-4333026 19-38241524 19-38072674 19-38072674 19-38072674 19-33072671 11-44118145 14-37322142 17-33222742	S BERNARDO CAMPO S CAÉTANO DO SUL S JOAD BOA VISTA S JOSE CAMPOS S JOSE CAMPOS S JOSE CAMPOS S JOSE RIO PRETO SALTO SANTO ANDRE SANTO ANDRE SANTO SANTOS SAO CARLOS SAO JOSE RIO PRETO SAO JOSE RIO PRETO SAO JOSE RIO PRETO SAO PAULO	19.35346543 11.41257000 11.41257000 11.4251708 11.42214334 19.36232990 12.9239508 19.36085700 17.323580 11.40705288 13.32272947 13.32347339 16.33614913 12.39122738 17.3255241 11.2964622 11.67036116 11.69791184 11.3855987 11.62156667 11.69545517 11.3727276 11.6215667 11.6679691 11.3727276 11.62797644 11.36679695 11.6679695 11.6679691 11.3727711 11.3727276 11.6679691 11.62797644 11.56679695 11.62797644 11.5679691 11.372737711 11.3727276

SAO PAULO SAO ROQUE SAO VICENTE 11-32222311 11-47842509 13-34628031 15-32241170 15-32241170 SOROCABA SOROCABA SOROCABA STA BARBARA D'OESTE TABOAO DA SERRA TAQUARITINGA 19-34631211 11-47871480 16-32524039 12-36219080 14-34962596 19-38765310 TAUBATE TUPA VINHEDO VOTUPORANGA 17-34215726

SERGIPE ARACAJU ARACAJU ESTANCIA ITABAIANA LAGARTO

79-32119764 79-32176080 79-5222325 79-4313023 79-6312656

#### TOCANTINS ARAGUAINA

63-4212857 63-4212857 63-4111818 63-34641590 63-33511038 63-33124470 ARAGUAINA GUARAI GURUPI

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A Philips da Amazônia Indústria Eletrônica 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:

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Garantia para os demais produtos da marca Philips: 365 dias.

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- O defeito apresentado for ocasionado por 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 oficina autorizada de serviço Philips, as despesas de transporte do aparelho e/ou do técnico autorizado, correm por conta do Sr. Consumidor requerente do servico.

A garantia não será válida se o produto necessitar de modificações ou adaptações para habilitálo 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 da Amazônia Indústria Eletrônica Ltda.

Dentro do Brasil, para informações adicionais sobre o produto ou para eventual necessidade de utilização da rede de oficinas autorizadas, ligue para o Centro de Informações ao Consumidor (CIC). Em São Paulo - Capital e demais localidades com DDD 011 - tel. 2121-0203, nas demais localidades e estados - tel. 0800 701 02 03 (discagem direta gratuita), ou escreva para Caixa Postal: nº 21.315 - CEP04602-970 - São Paulo - SP, ou envie um e-mail para: cic@philips.com.br Horário de atendimento: de segunda à sexta-feira, das 08:00 às 20:00 h; aos sábados das 08:00às13:00h.

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

- 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

Cahallito Flectaro .I 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 Nº 1051 esq. 16	(0221) 4108155
Mar de Ajó	Tauro Electrónica	Catamarca 14	(02257) 421750
Mar del Plata	Central Service	Olazábal 2249 (0223)	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
GRAN BUE	NOS AIRES		
Avellaneda	Casa Torres S.A.	Av. Mitre 2559	4255-5854

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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

Villa María

Villa María

CATAMARCA	1		
Catamarca	Omicron Central de Serv.	San Martín 225	(03833) 427235
CHACO			
Resistencia	Freschi Jorge Oscar	Av. Avalos 320	(03722) 426030
СНИВИТ			
Comodoro Rivadavia	C.A.S. S.R.L.	Alem 145	(0297) 4442629
Trelew	Fagtron Electrónica	Brasil 253	(02965) 427073
CORDOBA			
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) 4623003
Río Tercero	Service Omega	Homero Manzi 149	(03571) 423330
San Francisco	Acuña Walter Electrónica	M. Moreno 360	(03564) 425367

Bv. Alvear 541

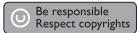
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DVP3250K DVP3254K

CLASS 1 LASER PRODUCT

