Asus R300 User Manual

Portable navigation device

1
2
3
4
5
6
Table Of Contents
7
8
9
10
11
12
13
14
15
16
17

-

Table of Contents

Bookmarks

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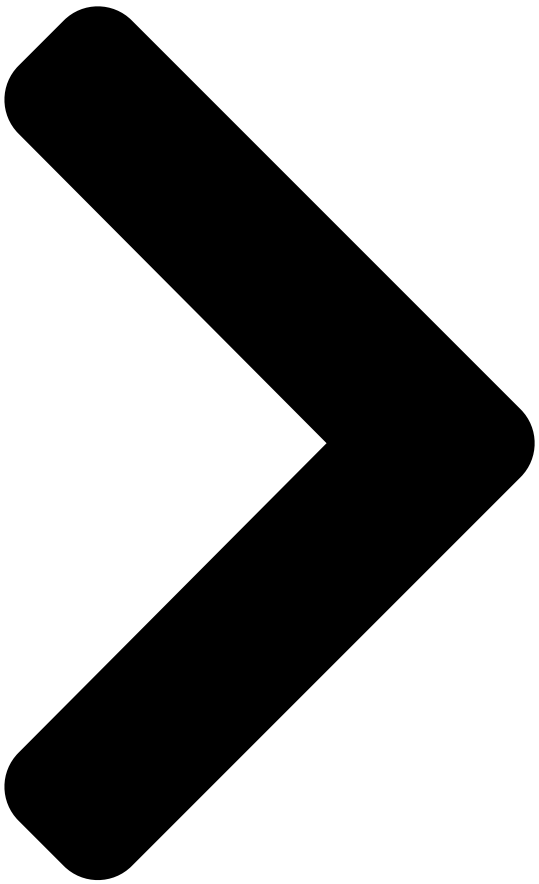

R300

Portable Navigation Device

E3402

ASUS®

Rock Solid · Heart Touching

Table of Contents

Next Page

1
2
3
4
5

Related Manuals for Asus R300

GPS Asus R300 User Manual

Portable navigation device (192 pages)

GPS Asus R300 User Manual

Asus r300 english user manual (72 pages)

GPS Asus R300 Quick Start Manual

Asus pnd r300 qsg in english version (17 pages)

GPS Asus R300 Quick Start Manual

Information about navigation map usage (4 pages)

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User manual (10 pages)

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Portable navigation device (10 pages)

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Asus gps-bt100 gps receiver with bluetooth quick start guide (11 pages)

GPS Asus S102 - Automotive GPS Receiver User Manual

Automotive gps receiver (51 pages)

GPS Asus PATHFINDER Quick Start Manual

(16 pages)

Summary of Contents for Asus R300

Page 1 R300 Portable Navigation Device User Manual Quick Start Guide E3402...

Page 2: Legal Statements

Product warranty or service will not be extended if: (1) the product is repaired, modified or altered, unless such repair, modification of alteration is authorized in writing by ASUS; or (2) the serial number of the product is defaced or missing.

Page 3 GPS navigational software for ASUS R300 UK English August, 2007 (1.0) Copyright note The product and the information contained herein may be changed at any time without prior notification. This manual nor any parts thereof may not be reproduced or transmitted in any form either electronically or mechanically, including photocopying and recording, without the express written consent of ASUSTek Computer Inc..

Page 4: Safety Notice

Before using the device, carefully read the safety information below. When using the device, always follow the safety precautions to avoid any accident, personal injury or property damage due to improper operating. Configure the device settings before driving. Do not configure it while driving. The navigation may not be always in accordance with the actual locations and it's for your reference only. The map may not be exact the same with the actual locations and it's for your reference only. It is the user's responsibility to observe safe driving practice and the local laws of driving. Avoiding exposing the device to high temperature for long time. Mount the device in a cool dry place when it is not in use. While parking, keep the satellite navigation function enabled to ensure the satellite searching accuracy. Do not open or remove the internal

components by yourself or by unauthorized engineers. ASUS is not responsible for any device damage caused by the above situations. Avoid pressure that may damage the internal components. Use qualified battery only. Protect the display from scratch. Use fingers or a stylus to write on the screen. Do not apply any chemical when cleaning the display Mount the device in a dry place and avoid environments where it may get wet. Remove the charger and power off the device before cleaning it. Shut the main power on the bottom of the device and contact your technical support staff immediately in the following situations: power cable is damaged, cover panels break, and the device is exposed to water or rain...

Page 5: Package Contents

! All function about GPS or the similar are not intended to be used for location of persons, especially for “life-safety” and “non-life-safety” applications. Package contents Standard items -ASUS R300 -Car Holder device -Car charger -Support CD...

Page 6: Product Specifications

Product specifications Dimensions Battery Display Memory Connectivity Expansion Slot Audio Communication Entertainment Other Microsoft® Windows® CE .Net 5.0 Core version SAMSUNG 400Mhz Processor 101 x 81.5 x 13.8 mm; 140g 1300 mAh, rechargeable Li-ion battery (Swappable) 3.5 inch TFT Touch-screen, 65K Color, 320 x 240 Pixels (QVGA) SiRF STAR III GPS chipset with internal antenna Build in 64MB RAM, 128 MB Flash ROM USB 1.1, Bluetooth 2.0 (with Handsfree function) Micro SD Card Slot (up to 4GB) Support MP3 and WMA format -Phone: Answer/make phone call through BT -Video player: play/suspend/forward/backward/next/ previous, Full screen play, Play Lister -MP3 Player: play/suspend/forward/backward/next/ previous, Play Lister - Photo Viewer: Slideshow review 1. Light sensor 2. Optional TMC module (depends on TMC service availability) 3. FMT availability depends on validity in different countries...

Page 7: Table Of Contents

Legal statements ... 2 Safety notice ... 4 Package Contents ... 5 Product specifications ... 6 Chapter 1 Getting to know your R300 1.1 Layout features ...13 1.2 Charging the battery ...16 1.3 Turn on the device ...18 1.4 Main menu ...19 1.5 Adjust the basic Settings ...20...

Page 8 Using the map ... 32 2.1.5 Using keyboards ... 36 2.1.6 Asus GO concepts ... 37 2.2 Navigating with Asus GO ...42 2.2.1 Selecting the destination of a simple route ... 42 2.2.2 Creating a multi-point route ... 54 2.2.3 Watching the simulation of a route ...

Page 9 2.4 Glossary ...68 2.5 End user licence agreement ...71 Chapter 3 Multi-media features 3.1 Music Player ...73 Launch the Music player ... 73 Playlist ... 74 Play music ... 75 3.2 Photo Viewer ...76 Launch the Photo Viewer ... 76 View photos ...

Page 10: Chapter 4 Phone Features

Chapter 4 Phone features 4.1 Phone menu ... 83 4.2 Bluetooth Settings ... 84 4.3 Connecting R300 to your cellphone ... 85 4.4 Making and receiveing phone calls ... 87 ASUS Contact information Note: the screens, procedures and specifications in this manual may not be exactly the...

Page 11: Chapter 1 Getting To Know Your R300

Chapter Getting to know your R300...

Page 12: Layout Features

1.1 Layout features ASUS R300 is a professional portable navigation device (PND) which provides reliable navigation and positioning function. R300 also provide you with phone and multi-media functions. Front and top features...

Page 13 Rear and side features...

Page 14 Number Item External Antenna port Micro SD Slot Sleep Mode Button Charging LED Bluetooth LED Light Sensor Audio Jack Mini USB Speaker Battery Reset Main power switch Description Connects to an external antenna for better signal performance (the external antenna is optional) Insert the external Micro SD memory card to this slot Press to turn on the device, or to enter into sleep mode Red- charging, Yellow- full charged When function turning on, it's lighting Blue Automatically adjusts the backlight according to the light in the

environment...

Page 15: Charging The Battery

1. Charging the Battery You can charge the device using a car charger kit. Plug any of these cables to the mini-USB port on the right side of the device. Car charger kit NOTE: When the Main Power Switch is set to Off, the device can not be charged.

Page 16: Checking Battery Status

Checking battery status To check how much battery power remains: (1) From the main menu, tap Settings. (2) The Sub-menu Settings appears. Tap to display Battery icon (3) The Battery screen appears and displays a battery icon indicating the battery power that remains (see the figure below).

Page 17

1. Turning on the Device To turn on the device: - Turn on the main power switch on the bottom of device (figure 1). To enter/wake up from the sleep mode: - Press the Sleep Mode Button on the top of the device (figure 2). figure 1 Main power switch figure 2...

Page 18: Turn On The Device

1. Main Menu The following menu appears after you turn on the device. From the main menu, you can: - Tap Navigation to enter the navigation system. - Tap Settings to adjust the device settings. - Tap Video Player to play videos. - Tap Music Player to play music.

Page 19

1. Adjust the basic settings You can launch the basic settings menu by tapping Settings on the main menu. The settings menu allows you to adjust language settings, backlight, Date and time, bluetooth settings, volume, to align screen, and to view system information. tap to back tap to move to the main...

Page 20: Adjust The Basic Settings

System Infomation System information screen display the ROM version, Software Version and the screen resolution and color information. Language You can choose the language for displaying the text. Simply tap the bars behind the Text to select the language. Date and Time To set the date and time, tap Date and Time from the settings menu.

Page 21

Set Date Set time Set time format...

Page 22: Lcd Brightness

LCD brightness Note: The device provides two LCD brightness adjusting modes for you to choose, one is Fix backlight brightness, the other is Adjust by environment brightness. To adjust LCD brightness in Fix backlight brightness mode, simply tap To adjust LCD brightness in Adjustment by environment brightness mode: - tap the + or - behind the sun light icon to adjust the LCD brightness in a lighter...

Page 23: Screen Calibration

Screen calibration Screen calibration ensures that the screen accurately responds to the stylus. To calibrate screen: 1. Carefully press and briefly hold stylus on the center of the target. Repeat as the target moves to other coordinates on the screen. 2.

Page 24

1. Tap FM Transmitter from the settings menu. 2. Tap to turn on the Power and then to set the Channel. Set the same channel as the one on your car stereo. The sound of R300 then can be broadcasted and plays through your car stereo.

Page 25

Volume to adjust the volume for the device and for the phone, or mute the device and the phone. Bluetooth Enable bluetooth function to connect to a cell phone. Battery Allows you to view battery status.

Page 26: Installing The Car Kit

1. Installing the car kit screwcap A screwcap B To install the car kit: 1. Attached the cupula to the windshield inside your car. 2. Press the lever to secure the cupula on the windshield surface. Note: Rise the lever (3) to release the cupula from the windshield. 3.

Page 27: Chapter 2 Navigation System

Chapter Navigation System Note: the screens and procedures in this chapter may not be exactly the same with those of your device, please take them as reference only.

Page 28: Getting Started With Asus Go

.1 Getting started with Asus GO Asus GO is optimised for in-car use. You can use it easily by tapping the screen buttons and the map with your fingertips. Asus GO can plan routes throughout the whole installed map set; you do not need to change maps or switch to a poorly detailed general map to navigate between map segments or countries.

Page 29 First screen of Asus GO Asus GO starts by displaying the Navigation menu in Simple mode. The fastest way to find your destination and start navigating is tapping the button: You can select your destination the following ways (not all of them are available in Simple mode): •...

Page 30: Simple And Advanced Modes

• Simple mode: you have easy access to the most important navigation functions and the basic settings only • Advanced mode: you have access to the full functionality of Asus GO. To switch from Simple mode to Advanced mode from the startup screen (Navigation Menu),...

Page 31 Type of action Navigating to a selected map point Navigating to a street address Navigating to an incomplete address Navigating to an intersection Navigating to recent destinations (History) Navigating to Favorites Navigating to a POI Navigating to coordinates Creating a multi-point route Saving a map point as a Favorite destination Saving a map point as a POI Saving a map point as a location of a...

Page 32: Hardware Buttons

Power on/off button. You can turn on or off the device at any time. When the device is switched off, Asus GO does not calculate your GPS position and it does not update the route or the driving instructions; it will calculate these data when it is turned on again.

Page 33 Zooming in Change how much of the map Asus GO displays on the screen. Asus GO and out uses high-quality vector maps that let you see the map at various zoom levels, always with optimised content.

Page 34 • When you are approaching a turn, Asus GO zooms in and raises the view angle to let you easily recognise your manoeuvre at the next junction. • If the next turn is at a distance, Asus GO zooms out and lowers the view angle to show you the road in front of you.

Page 35: More Information

.1..Status information on the map (GPS, battery, etc.) The following icons show status information on the map in Asus GO: Icon Status for GPS position quality Battery Orientation .1..Using the Cursor You can perform the following actions with the location that you selected on the map (with the Cursor): •...

Page 36: Using Keyboards

• List the POIs near it .1.Using keyboards You only need to enter letters or numbers in Asus GO when you cannot avoid it. You can type with your fingertips on the full-screen keyboards and you can switch between various keyboard layouts, for example ABC, QWERTY, or numerical.

Page 37: Asus Go Concepts

Smart Zoom is a lot more than just a usual automatic zoom: • While following a route calculated by Asus GO: when approaching a turn, it will zoom in and raise the view angle to let you easily recognise your manoeuvre at the next junc- tion.

Page 38 .1..Selected location on the map (Cursor) If you tap the map, the Cursor appears at the selected point on the map. Asus GO displays the Cursor with a red dot and radiating red circles to make it visible at all zoom levels, even when it is in the background of a 3D map view.

Page 39 GPS position. Note Even if you move the map while you are driving, Asus GO continues navigating if there is an active route: it plays the voice instructions and displays the

turn preview icons according to your actual GPS position.

Page 40 A simulation drives you through the route, following the driving instructions. You can use it, for example, to see which bridge Asus GO planned for the route; if you do not want to take that bridge, you can avoid it.

Page 41 □.1.□.10 Speed Cameras A speed camera is a special POI . Asus GO is not shipped with a built-in database of speed cameras, but you can also add more speed cameras by marking their positions on the map. □.1.□.11 Speed limit warnings Maps sometimes contain information about the speed limits of the road segments.

Page 42: Navigating With Asus Go

□.□ Navigating with Asus GO You can set up your route in Asus GO in several ways: • if you need a simple route (a route with only one destination, without any intermediary waypoints), you can select the destination and start navigating to it right away •...

Page 43 □.□.1.1 Selecting the Cursor as the destination Find your destination on the map: move the map, tilt it, etc. as needed. Tap the location that you want to select as your destination. to open the Cursor menu. Tap the button (Simple mode). The map appears with the selected point in the middle.

Page 44 The procedure is explained starting from the Navigation menu. Tap the following buttons: (Advanced mode). By default, Asus GO proposes the country/state and settlement where you are. If needed, tap the button with the name of the country/state, and select a different one from the list.

Page 45 Tap the button after a couple of letters; Asus GO lists the items that contain the character set. button to finish entering the address. (Advanced mode) from the Cursor menu. The route is then...

Page 46 2.2.1.2.2 Tips on entering addresses quickly • When you are entering the name of a settlement or a street, Asus GO only displays those characters that appear in possible search results. The other characters are greyed out. • You can speed up finding an intersection: •...

Page 47 To select the settlement from the list of recently used ones, tap the Tap the button with the name of the settlement, or if you have changed the country/state, tap Start entering the settlement name on the keyboard. Get to the hit list: •...

Page 48 The procedure is explained starting from the Navigation menu. Tap the following buttons: (Advanced mode). By default, Asus GO proposes the country/state and settlement where you are. If needed, tap the button with the name of the country/state, and select a different one from the list.

Page 49 To change the settlement: Tap the button with the name of the settlement, or if you have changed the country/ state, tap Start entering the settlement name on the keyboard. Get to the hit list: • After entering a couple of characters, the hits that match the string appear in a list. •...

Page 50 By default, Asus GO proposes the country/state and settlement where you are. If needed, tap the button with the name of the country/state, and select a different one from the list. Tap the button with the name of the settlement, and enter the postal code: Start entering the code on the keyboard.

Page 51 Enter the house number on the keyboard. Tap the The map appears with the selected point in the middle. Tap mode) or then automatically calculated, and you can start navigating. □.□.1.□ Selecting the destination from your Favorites You can select as your destination a location that you have already saved as a Favorite. For instructions on how to create a Favorite, see the relevant section.

Page 52 □.□.1.□ Selecting the destination from the POIs You can select your destination from the POIs included with Asus GO or from the ones you have previously created. For instructions on how to create a POI, see relevant section. The procedure is explained starting from the Navigation menu.

Page 53

□.□.1.□ Selecting the destination or a waypoint from the History The destinations that you have set earlier appear in the History. The procedure is explained starting from the Navigation menu. Tap the following buttons: (Advanced mode). If necessary, turn the page to see earlier destinations with the arrow buttons. Tap the desired item.

Page 54: Creating A Multi-Point Route

Select the coordinate system: tap WGS84 or UTM. Enter the coordinate values: • In UTM: the latitude (N or S) and the longitude (E or W) • In WGS84: the number and the letter of the zone, and the X Y coordinates Tap the The map appears with the selected point in the middle.

Page 55: Watching The Simulation Of A Route

• Tap to add the point as a new final destination demoting the previous one to the last intermediary destination. [optional] To add more points to the route, repeat the above steps as many times as you like. Every time a new point is added, the route is recalculated automatically, and you can start navigating right away.

Page 56: Pausing The Active Route

□.□.□ Pausing the active route You do not need to pause the active route: when you start driving again, Asus GO restarts the voice instructions from your position. □.□.□ Deleting the active route This feature is available in Advanced mode only.The procedure is explained starting from the Cockpit screen.

Page 57: Saving A Route

This feature is available in Advanced mode only. When you save a route, Asus GO only saves the waypoints: • If you updated your map since you first saved the route, Asus GO calculates the driving instructions according to the latest available map information.

Page 58: Loading A Saved Route

Saving a multi-point route Tap the following buttons: Enter a name for the saved route, and then tap □.□.□ Loading a saved route This feature is available in Advanced mode only.The procedure is explained starting from the Cockpit screen. Tap the following buttons: Tap the route you wish to navigate.

Page 59: Reference Book (Advanced Mode)

□.□ Reference book (Advanced mode) Asus GO starts with the Navigation menu. From there you can access the following screens: Screen Button The map. Find Setting the destination (for example from an address or a POI) or using the search engine of Asus GO.

Page 60: Map

□.□.1 Map Asus GO is primarily intended for land navigation. That is why maps in Asus GO look similar to paper road maps. However, Asus GO provides much more than regular paper maps: you can customise the look and the content of the map.

Page 61

Name Active? Simulation control Zoom in, zoom out Cursor (selected map location) Map view modes Current speed limit Volume control Tilt up, tilt down Rotate left, rotate right Current street Active route Scale Show the Panel Open the Menu TMC status Map orientation Return to GPS position Battery status...

Page 62: Button Description

TMC event Safety Camera Road Block Track Log Point Info □.□.1.□ Buttons on the map 4.1.2.1 Zooming, tilting and rotating buttons These buttons appear when you tap the map. Button Description Zooms the map in/out. Tilts the map up/down. Rotates the map left/right. Listing nearby POIs Creating, changing or deleting a POI Listing nearby TMC events...

Page 63: Find Menu

You can select your destination from the thousands of POIs included with Asus GO or from the ones you have previously created. The destinations that you have already entered in Asus GO are available in the History list. You can select your destination by entering its coordinates.

Page 64

• whether dynamic volume is on When you are driving at a high speed, the noise in

the car might be too loud and you might not be able to hear the voice instructions and warnings. If you turn on Dynamic Volume, Asus GO increases the volume when your speed exceeds a certain limit. • loudness of the voice instructions •...

Page 65: Route Calculation Method

Combines the benefits of Fast and Short: Asus GO calculates as if it were calculating the Fast route, but it takes other roads to save petrol. Easy Results in a route with fewer turns. With this option, you can make Asus GO to take, for example, the motorway instead of series of smaller roads or streets. Description...

Page 66

Note When you exclude a road type, you set only a preference. Asus GO will still include such roads in the routes when it cannot plan a route to your destination in any other way.

Page 67

By default Asus GO includes toll roads (pay roads where you can purchase a pass or vignette to use the road for a longer period of time) in the routes. If you disable toll roads, Asus GO plans the best toll-free route.

Page 68: Glossary

GPS position but the accuracy is lower and the GPS device does not give you elevation data: only 2D reception is feasible. In Asus GO, you can see the GPS position quality on the GPS Data Screen. 2D and 3D GPS reception have nothing to do with the 2D and 3D display modes of the map, which are ways of showing the map on the screen independently of the quality of the GPS reception.

Page 69: Gps Accuracy

(from one via point to another). Scheme Asus GO comes with different colour schemes for the map for the daylight or night use. Schemes are custom graphic settings for the map and they can have different colours for streets, blocks or surface waters in 2D and 3D modes, and they display shades or shadows in different ways in 3D mode.

Page 70: Speed Camera

Speed Camera A special POI type. Asus GO is shipped with a built-in database of fixed and mobile speed cameras but you can also mark the position of a speed camera on the map. You can configure Asus GO to warn you when you approach a speed camera.

Page 71: End User Licence Agreement

You use this product at your own responsibility and risk. ASUS shall not assume any responsibility for damages arising from this product during driving or transportation or any violation of traffic regulations or safety requirements for...

Page 72: Chapter 3 Multi-Media Features

Chapter Multimedia features...

Page 73: Music Player

.1 Music Player The device scans its memory card for MP3 and WMA audio recordings. You can create play lists from the audio files. Songs on a play list will be played sequentially. Launch the Music player 1. Tap Music Player from the Main Menu to open the Music Player Main Screen (see figure 1).

Page 74: Playlist

Playlist Tap playlist to display the playlist directory. When you open the playlist, the system searches for Mp3 and WMA files on the Micro SD card to create a playlist. Return to the main screen play songs Remove all songs songs from the playlist Remove a...

Page 75: Play Music

Playing Music Select a song from your playlist, tap Play to play it. The following screen appears. back to the main menu launch the playlist adjust the volume circulate (playlist) play randomly...

Page 76: Photo Viewer

□.□ Photo Viewer The Photo Viewer lets you view photos from your handheld device. This application recognizes mpg, mpeg, mpv, mpe, asf, asx, wax, wvx, wmx files. The Photo Viewer's main features let you zoom in or zoom out, rotate an image, and display a series of photos through a slide show.

Page 77: View Photos

View photos When you open the Photo Viewer, the screen shows the top level folders on your device, as shown below. back to the main tap to view the menu photos as a slide show Note: When you open the photo viewer, the system searches for photos on the Micro SD card to create a playlist.

Page 78: Display A Photo

Display a photo Tap a photo from the screen below to display the photo. zoom out back to the main menu Note: Tap the photo to display it by full-screen. Tap the full-screen photo to back to its previous size. tap to show the previous next photo's infomation...

Page 79: Video Player

□.□ Video Player The Video Player lets you view videos from your handheld device. This application recognizes wmv files. Launching the Video Player You can open the Photo Viewer by tapping the Video Player button as shown below. The Video Player main menu appears.

Page 80: Playlist

Playlist Tap Playlist on the main menu to display the Playlist screen (see the figure below). Note: When you open the photo viewer, the system searches for photos on the Micro SD card to create a playlist. Tap a video name and tap play to play it. back to the main menu play a video page up...

Page 81: Playing A Video

Play a video Tap a video from the playlist to play it. The image below shows a video is playing. back to the main menu Note: Tap the video to play it by full-screen, tap the full-screen video to back to its previous size.

Page 82: Chapter 4 Phone Features

Chapter Phone features...

Page 83: Phone Menu

□.1 Phone menu The Phone function allows the hands-free communication through a bluetooth connection to your phone. You can open the Phone by tapping the Phone button. The Phone main menu appears as show below. call log Open contact Tap to back to the main menu Open SMS tap to display the...

Page 84: Bluetooth Settings

Bluetooth settings - Bluetooth Status. You can choose to turn on/off the bluetooth function. - Connect Status. You can choose to connect/disconnect R300 from a bluetooth cellphone. - Auto connect. You can choose to enable/ disable Auto Connect function. - Answer mode. If you choose Answer (5 Secs), the incoming call will automatically get through in within 5 seconds.

Page 85: Connecting R300 To Your Cellphone

□.□ Connecting R□00 to your cellphone To connect R300 to your cellphone: 1. Tap Dialer from the Phone Menu. 2. Tap Yes from the Connect to a Bluetooth handset first screen. The screen displays the devices 3. Tap a device to select it.

Page 86

4. A screen appears to show a password. Input the password to your cellphone. 5. After the R300 is paired up with your cellphone, tap the cellphone name and then tap Connect. 6. The following screen appears when your R300 is successfully connected to your cellphone.

Page 87: Making And Receiveing Phone Calls

□.□ Making and Receiving Calls Making phone calls 1. Tap Dialer from the phone main menu.

The phone-pad screen appears. 2. Input a number in the phone-number bar and tap the green phone icon to dial. After talk, tap the red phone icon to end a call.

Page 88: Receiving Calls

Receiving calls A screen appears as shown when there is a incoming call. Press the green phone icon to receive the call. Press the red icon to end the call. Call Log Tap the Call Log button on the phone menu to display the call record list.

Page 89: Contact Information

886-2-2895-9254 Online service: http://vip.asus.com/eservice/techserv.aspx WWW: http://tw.asus.com ASUSTeK COMPUTER INC. (Asia-Pacific) Hotline: 886-2-2894-3447 Fax: 886-2-2890-7698 Online service: http://vip.asus.com/eservice/techserv.aspx WWW: http://www.asus.com ASUS COMPUTER GmbH (Germany/Austria) Hotline: +49-2102-9599-10 Fax: +49-2102-9599-11 Online service: http://vip.asus.com/eservice/techserv.aspx WWW: http://www.asus.de ASUS COMPUTER (China) Tel: +86-10-82667575 Online service: http://vip.asus.com.cn/eservice/techserv.aspx.

This manual is also suitable for:

R300gold-gift box - r300 gps unit