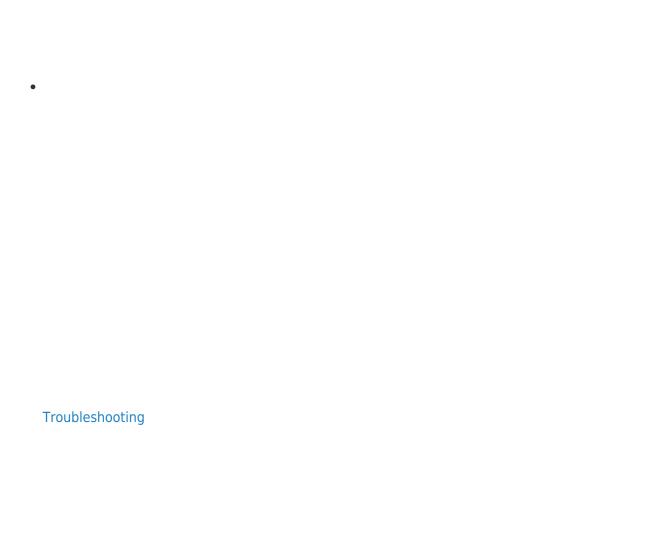


Asus R300 User Manual

Portable navigation device

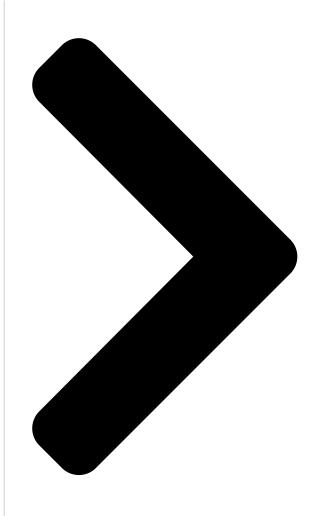
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2
3
4
5
6
Table Of Contents
7
8
9
10
11
12
13
14
15
16
17
```

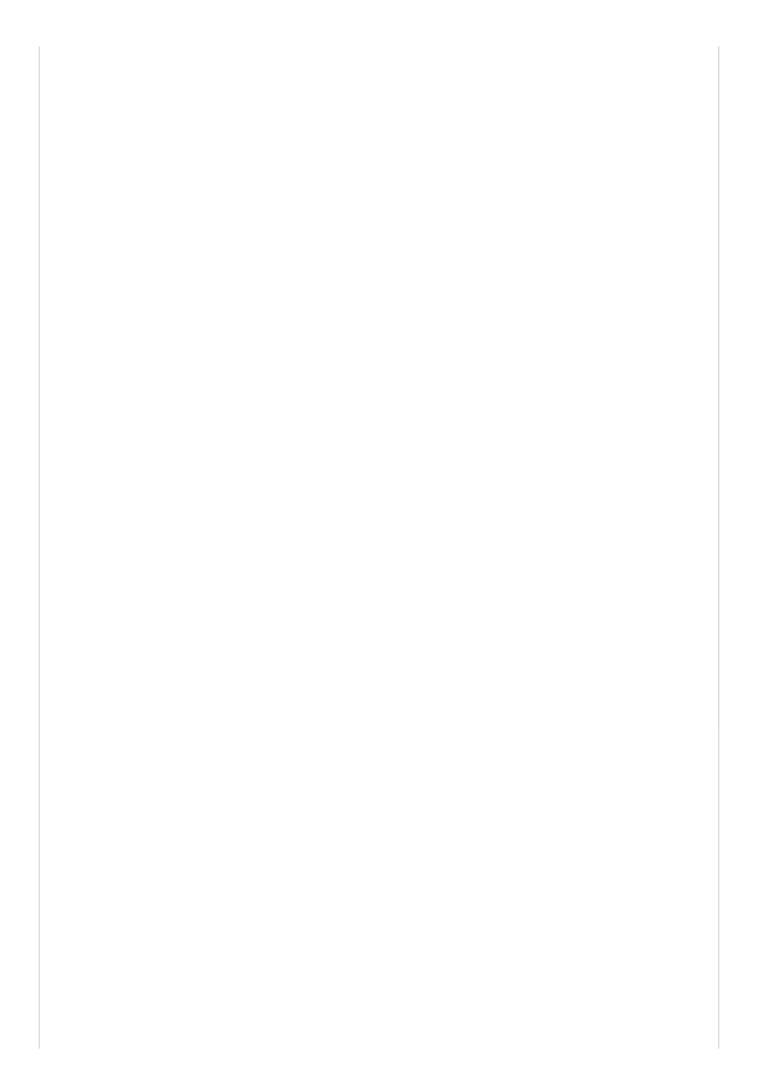
Table of Contents





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R300

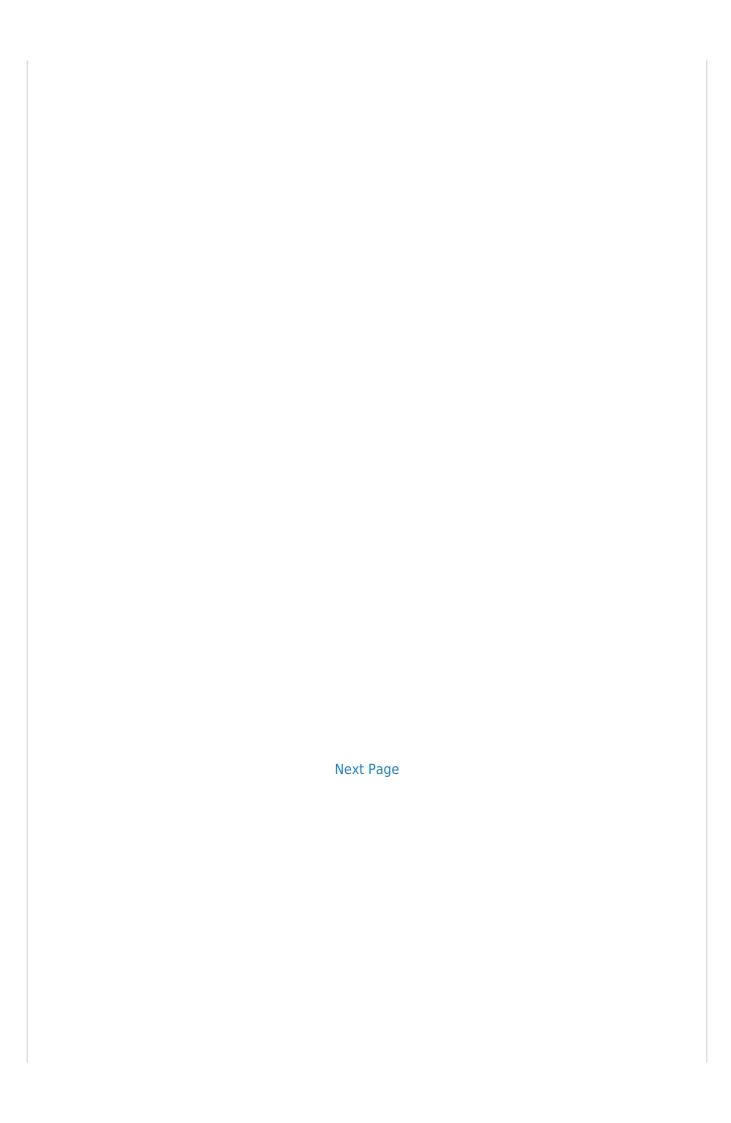
Portable Navigation Device



E3402



Table of Contents





Related Manuals for Asus R300

GPS Asus R300 User Manual

Portable navigation device (89 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)

GPS Asus R700 Quick Start Manual

Asus r700: quick start (16 pages)

GPS Asus R700 User Manual

User manual (10 pages)

GPS Asus R600 Quick Start Manual

Portable navigation device (10 pages)

GPS Asus R600 User Manual

Portable navigation device (109 pages)

GPS Asus GPS-BT100 Quick Start Manual

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

<u>Page 2</u> 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.

<u>Page 3</u> 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 Notices

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 -Quick Start Guide -Warranty Card device...

Page 6: Product Specifications

Product specifications Microsoft® Windows® CE .Net 5.0 Core version SAMSUNG 400Mhz Processor Dimensions 101 x 81.5 x 13.8 mm; 140g Battery 1300 mAh, rechargeable Li-ion battery (Swappable) Display 3.5 inch TFT Touch-screen, 65K Color, 320 x 240 Pixels (QVGA) SiRF STAR III GPS chipset with internal antenna Memory Build in 64MB RAM, 128 MB Flash ROM Connectivity USB 1.1, Bluetooth 2.0 (with Handsfree function) Expansion Slot Micro SD Card Slot (up to 4GB) Audio Support MP3 and WMA format Communication -Phone: Answer/make phone call through BT Entertainment -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 Other 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	e Contents	5 Product
specifications 6	6 Chapter 1 Getting to k	(now your R300	1.1 Layout feature	es13
1.2 Charging the battery	16 1.3 Turn on	the device	18 1.4 Main m	nenu
19 1.5 Adjust t	he basic Settings	20		

Page 8 2.3 Operating ASUS GO (Controls)28 Hardware buttons28 Screen
buttons and controls28 Installing, updating or removing maps34 2.4 Discovering
the program through the screens17 Main menu36 About screen
The map38 GPS Data screen

Page 9 Sound settings117 Route parameter settings119 Language 8	X
Units	
(Main menu)138 Selection by tapping the map139 Using the Find menu	
139 2.7 Troubleshooting guide	

Page 10: Chapter 4 Phone Features

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...

<u>Page 14</u> Number Item Description Connects to an external antenna for better signal performance (the external External Antenna port antenna is optional) Insert the external Micro SD memory card to this slot Micro SD Slot Press to turn on the device, or to enter into sleep mode Sleep Mode Button Red- charging, Yellow- full charged Charging LED...

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. NOTE: Car charger kit 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: Turn On The Device

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 Note: When the main power switch is set...

Page 18: Main Menu

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: Adjust The Basic Settings

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: Date And Time

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.

<u>Page 24</u> 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.

<u>Page 25</u> 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: Warnings And Safety Information

(optional) Safety Mode that will prevent you from using the screen functions if your car is in motion. Unless a passenger will be the only one to operate ASUS GO, we strongly encourage you to turn on the Safety Mode.

Page 29: General Information

When using ASUS GO, you do not need to 'double tap' or 'tap & hold' the touch screen as these functions cannot be used reliably in a moving vehicle. A single tap triggers most of the screen controls.

<u>Page 30</u> Install this application from the Bonus CD following the procedures below: 1. Insert the R300 Bonus CD into the optical drive. Open Instant Fix setup file to install it in your PC. 2. Use the Mini USB cable to connect R300 to your PC.

Page 31: Operating Asus Go (Controls)

[].[] Screen buttons and controls The primary input channel of ASUS GO is the touch screen. If you read on, you will realise that most parts of the screen are not only used to display information but also to initiate functions...

Page 32: List Selectors

As soon as you leave the screen, the selected value becomes effective. Sliders When a feature has several different unnamed (numeric) values, ASUS GO will show sliders that look like analogue potentiometers to set the desired value. If the value limits are not displayed at the ends of the slider, the leftmost position means the minimum value, while the rightmost position represents the maximum value.

Page 33: Switches In The Quick Menu

Switches When a function can only have two values (mainly Enabled and Disabled), a switch is used. Unlike with list selectors, the horizontal line contains the name of the function and not the actual status. There is a lamp on the left to show whether the function is active or not. When the lamp is dark, the function is not selected.

Page 34: Virtual Keyboards

Virtual keyboards ASUS GO is designed in a way that you only need to enter letters or numbers when it is inevitable. In these cases a full screen keyboard pops up that can easily be operated with your fingertips. You can choose between a separate ABC and numeric keypad, or a set of QWERTY-type keyboards that contain both letters and numbers.

<u>Page 35</u> This type of keyboard has large, finger-friendly buttons. Note: If you have chosen a program language that uses Latin letters, only the ABC keyboard appears. If you choose the Greek language, an additional keyboard appears with Greek letters. Similarly Hebraic and Cyrillic letters are available when Hebrew or Russian is chosen in Setup / Languages.

<u>Page 36</u> QWERTY-type keyboards QWERTY-type keyboards have both letters and numbers on them. Their layout is the same as of the standard QWERTY, QWERTZ (German) and AZERTY (French) keyboards. To switch to your desired QWERTY-type keyboard, press the Keys button repeatedly until the appropriate keyboard appears.

Page 37: Installing, Updating Or Removing Maps

1. Download or copy the map(s) that you want to update or install into a folder on the PC. 2. Remove the SD card from ASUS R300 and put it into the card reader of the PC. 3. Start maploader.exe from the folder into which you have copied ASUS Navigation PCTool.

<u>Page 38</u> SD card are marked with a icon that has two parallel blue bars 7. Remove the card from the reader on the PC and put it into the card reader of ASUS R300. 8. Start ASUS GO. The updated and new maps will be available for navigation.

Page 39: Discovering The Program Through The Screens

Discovering the program through the screens The best way to discover ASUS GO is to explore each screen in detail, and to find out how to move from one to another. Read this chapter for a guided tour. \square . \square 1 Main menu ASUS GO starts by displaying the Main menu.

Page 40: About Screen

4 Button to open Find menu 5 Button to open Settings 6 Button that displays GPS Status and opens the GPS Data screen 7 Button to minimise ASUS GO (navigation will not stop*) 8 Current position 9 Current date and time...

Page 41: The Map

[...] The map The most important and most frequently used screens of ASUS GO are the two screens with the map (Map screen and Cockpit screen). They are similar in look and in possible controls but are optimised for different uses. The map they display is common. The elements of the map are described here.

Page 42 It is easy to change between 2D and 3D modes. You have two options. You can use the Tilt up and down buttons to tilt the map seamlessly between 2D and all 3D angles, or you can use the switch in the Quick menu to quickly switch between the two modes. Note: You may find that 2D mode is more useful in North-up Map mode when looking for a certain part of the map or an object to select as destination.

Page 43: Zoom Levels

North-up view. Zoom levels ASUS GO uses high quality vector maps that let you see the map at various zoom levels, always with optimised content (the density of the map details can be independently set for Map and Cockpit screens in Map settings. Street names and other text objects are always displayed with the same font size, never upside down, and you only see as many streets and objects as needed to find your way around the map.

Page 44: Daylight And Night Colour Schemes

You can change between day and night views manually in the Quick Menu or let ASUS GO do it automatically for you.

Page 45: Streets And Roads

They may not look the same in the schemes you have chosen. Tip: If you use ASUS GO after sunrise or before sunset, look for the sun in the sky in the map background using a flat 3D view. It is displayed at its actual position to give you another way to orientate, and also to provide some eye candy.

Page 46: Other Objects

You need not choose between the two modes. ASUS GO will use the one best for the current tilt and zoom level. Zoom in to have only a few streets on the map, and start tilting up and down to see how ASUS GO switches between the two modes in an instant.

<u>Page 47</u> ASUS GO has a built-in Lock-on-Road feature that always puts the position arrow on the road, on the axis of the street in case of one-way streets, or on the side of the road where you...

<u>Page 48</u> The location received from the GPS receiver is shown as a blue dot on the map. This can help you locate your position if the GPS accuracy is poor, and the Lock-on-Road system puts you on the wrong street. It is also the location saved in the track log. Note: The Lock-on-Road feature can be turned off in Advanced settings (Page 78) for pedestrian use.

<u>Page 49</u> ASUS GO comes with thousands of built-in POIs, and you can create your own POI database as well. Having all of them displayed on the map would make the map too crowded. To avoid this, ASUS GO lets you select which POIs to show and which ones to hide using their categories and subcategories.

<u>Page 50</u> POIs are represented by icons on the map. For a built-in POI it is the icon of the subcategory of the actual POI. For points you create, it is the icon you had chosen when you created the POI (it can be changed later). These icons are large enough to recognise the

symbol, and semi-transparent so as not to cover the streets and junctions behind them.

<u>Page 51</u> If two points are too close to each other so that icons overlap, a multi-POI icon is shown instead of individual ones. Zoom in more to see them separately. (Should the two POIs have the same icon, this icon will be displayed instead of the multi-POI icon.) Note: When navigating, POI icons can be disabled together with street names.

Page 52: Elements Of The Active Route

ASUS GO. Elements of the Active Route ASUS GO uses a multi-destination routing system in which you have a start point (your current location if GPS position is available), a destination, the line of the active leg of the route, and optionally via points and inactive legs.

<u>Page 53</u> Animated turn guidance Animated arrows represent all route events other than the above-mentioned special points. These arrows show the direction in which you need to continue your journey. The active leg of the route The active leg is the section of the route you are currently driving. If you have not added any Via points, the whole route will be the active leg.

<u>Page 54</u> The line of the route is displayed on the driving side of the road for two-way and on the axis in case of one-way streets. When the map is zoomed in and the line is wide enough, small arrows show the direction of the route. This can be useful if you preview the route before starting the journey or when entering a complex junction.

Page 55: Gps Data Screen

If so, ASUS GO will display those segments of the route with an alternate colour. [.].[].[] GPS Data screen Tap the small satellite dish icon on the Main menu, Map or Cockpit screen to open this window.

Page 56: Gps Data Displayed

You can find a GPS button on this screen, too, which serves as a switch for turning GPS on/off. Tip: You can plan routes from places other than your current position by switching the GPS off, otherwise the starting point is always the place where the GPS signal is received. Also, you can save battery life by turning off GPS reception.

Page 57: Gps Connection Indicator

GPS is connected but no GPS position is available, • yellow means 2D reception. A GPS position has been acquired, ASUS GO is ready for navigation, but the GPS is using enough satellites for calculating the horizontal position only.

Page 58: Time Synchronization

PNA to the very accurate time provided by the connected GPS. Turn on the Auto Correction switch to let ASUS GO frequently check and correct the internal clock of the device with the GPS time.

Page 59: Screens With Map

The Map screen is designed to give you the maximum map area. This screen is usually used in 2D North-up mode. You can set ASUS GO so it always opens the Map screen in 2D North-up mode (Page 73).

<u>Page 60</u> Map screen contents: Cockpit screen contents: 1 (Cockpit only) Turn preview. Opens Route menu* 2 Zooms in (optional)

<u>Page 61</u> 3 Zooms out (optional) 4 Tilts down (optional) 5 Tilts up (optional) 6 Indicates that Lock to GPS position and heading is inactive. Re-enables Lock-to-Position / Smart Zoom 7 Selected map point (Cursor). Opens Popup Info and Cursor menu 8 (Map only) Map scale. Zooms in/out by dragging 9 Menu (Find, Quick, Route, Main) 10 Map orientation and Overview.

<u>Page 62</u> 19 (Cockpit only) Next street*** 20 (Cockpit only) Approaching next turn**** On Map screen only when a route is active ** Contents differ when a route is active *** Appears only when a route is active and the next turn is near Turn preview (No.

<u>Page 63</u> You need to tap the Follow button to return the zoom control to Smart Zoom. You can also set ASUS GO to do this automatically after a few seconds in case of the Cockpit screen. Tilt up and down (No. \square & \square) These semi-transparent buttons are only displayed if "Zoom &...

<u>Page 64</u> To reactivate Smart Zoom, tap this button. Tip: In Advanced settings you can set a delay time after which ASUS GO pushes the Follow button for you on the Cockpit screen automatically. This can be turned on for re-enabling both Lock-to-Position and Smart Zoom.

<u>Page 65</u> Lock-to-Position. Tapping the Follow button will re-enable the position lock and move the cursor back to the current GPS position. The same happens when ASUS GO restores Lock-to-Position automatically on the Cockpit screen, if it is set in Advanced settings.

<u>Page 66</u> You cannot rotate the map in Overview mode. This mode is strictly north-up. You can set up ASUS GO so that it will switch to Overview mode during navigation when the next turn is far away. You can specify this distance and the fixed zoom level of Overview in Advanced settings.

Page 67 When small car symbols are displayed under the dish, TMC information is available. Battery status (No. 1]) The status of the battery is also shown by ASUS GO. You can estimate the available power reserve from the length of the bar inside. Some examples: •...

Page 68 Sound muting (No. 1] By tapping this button you can quickly mute all sounds of the PNA. This will not modify the volume level and the enabled or disabled status of the voice guidance or the key sounds (all to be set on the Sound Settings screen, just mutes the sound output. When muting is enabled, the speaker icon is crossed out.

Page 69 Cursor menu (No. 1]) The Cursor is the selected point on the map (marked by a red dot and radiating red circles around it), or the current GPS position when it is available and Lock-to-Position is enabled. When you tap the screen to place the Cursor, the Cursor menu pops up automatically to give you the list of possible functions you can use the Cursor for.

<u>Page 70</u> ASUS GO will ask you whether you really want to delete it together with all its via points. • Add Via: by inserting the selected map point as a via, you instruct ASUS GO to cross this location before the destination of the route. This is the way to build a multi-point route in reverse order (when you wish to insert a stopover 'go to A but first get some fuel at B'...

<u>Page 71</u> • POI: opens the list of POIs near the selected point. These are the POIs shown in the Popup Info window. This menu point is only available on the Map screen. If you want to add a new POI at the cursor, you can do so by tapping Add POI in the bottom left corner. You can also add a new road safety camera if you tap Add Cam, and set the parameters (type, direction, and speed).

<u>Page 72</u> You can choose what to display in these three fields during navigation, by going to Advanced settings / Display Options. See the following list for your options. The only restriction is that you cannot select a value that already appears in another field. The possible field contents are: •...

<u>Page 73</u> This field shows the road or street that comes next in the route itinerary. If you are not yet in the settlement where this next street is, ASUS GO will display the name of the settlement instead of the name of the road or street. A bullet symbol will appear next to the name of settlements to help you tell them apart from street names.

<u>Page 74</u> If you tap the icon, ASUS GO pauses and the Bluetooth Dialer screen appears. During a phone call using the ASUS R300 as a handsfree tool for your mobile phone ASUS GO is paused, and you see the phone call screen. You can continue navigation without stopping the phone call with the button in the top right corner.

Page 75: Route Information Screen

[...] Route Information screen The Route Information screen has all the data and some of the functions you need while you navigate. Some additional functions can be found in the Route menu. Without an active route one of the buttons is inactive and route data cannot be displayed. As a reminder, you can open this screen two ways: tapping the Info button in the Route menu, or tapping one of the Route Data fields on the Cockpit screen.

<u>Page 76</u> Route line The upper part of this screen shows your planned route as a horizontal line. Its leftmost point is the start of the route, the rightmost one is the final destination, and you can see your via point flags along the line, spaced in proportion to their distance. The arrow representing your position will travel from the left to the right, giving you visual feedback of your journey.

<u>Page 77</u> When ASUS GO needs to recalculate the route, the arrow will not jump back to the left as when reaching a via point, but it may drift a bit as the length of the new route may be different from the previous one.

Page 78: Warning Icons

If via points exist, tap and tap again any of the fields to see the time needed to reach the first, second, etc. via point. Estimated Arrival This is an estimated value that can also be displayed in one of the Route data fields on the Cockpit screen as 'ETA to destination'.

<u>Page 79</u> This icon shows that you need to pay for the ferry. • This icon is displayed when ASUS GO could not plan a route with all your road type preferences respected. Sometimes it is impossible to find a suitable route near the start or the destination.

Page 80: Menu

The Menu button can be found in the bottom left corner of the map screens. Tapping this button brings up a menu that allows you to access some of the most frequently used functions of ASUS GO. Find tab The first page of the Menu is Find. It lets you select a destination without first having to locate...

Page 81: Quick Tab

Quick tab This provides quick access to some configurable options. 3D Map (switch) When the light is on, the map shows a perspective view. You can use hardware buttons 1 and 2 to change the angle of the view. When the green light is off, the map is displayed in a conventional top-down view.

<u>Page 82</u> Note: When you reach 2D view by tilting the map, Smart Zoom will tilt the map as you press the Follow button or it disappears after the timeout (set in Advanced settings) expires. Use the 3D Map toggle to permanently switch to 2D view. Note: If the map is zoomed out so that the view angle is automatically raised to a top down view, this button will have no immediate effect.

Page 83 (to see how POI items are shown on the map. In order to avoid that, you can decide which POI groups to show and which ones to hide on the map. ASUS GO has a multi-level POI category system. You can set the visibility of the top two levels. All levels below that will be shown or hidden according to their respective category (i.e.

Page 84 Groups shown with a tick mark are visible on the map; groups without a tick mark are hidden, while the ones shown with a pale tick mark have some of their subcategories shown and some others hidden. If you highlight any of the POI groups, the button in the bottom left corner will become Show if the POI group is hidden, or Hide if the group is shown or partly shown.

Page 85 Manage My POI By highlighting then tapping again the My POI switch on the Manage POI main screen you can manage the POI groups and items that you have created. Note: The group Unnamed only appears if you have previously saved a POI item without creating a new POI group for it.

<u>Page 86</u> POI groups in advance. You can do it while saving a new POI. • Delete: you can delete any of your previously saved My POI groups. This will delete all POIs in that group. ASUS GO will ask you to confirm this action.

<u>Page 87</u> POI name. When the number of matching items can fit in one page, ASUS GO will automatically display the list. If you tap Done any time before this happens, you receive the list of matches on multiple pages.

<u>Page 88</u> When you tap on any of your POIs in the list, you will open a new window with the details of the selected POI. Here you have the following options: • OK: if you tap this button, the

map screen returns with the selected POI in the middle. •...

<u>Page 89</u> • Delete: you can delete any of your previously saved POIs. ASUS GO will ask you to confirm this action. Popup Information (switch) When this feature is enabled, tapping the screen (activating the Cursor, a radiating red dot) on either of the map screens also opens a pop-up box with the selected street name, house number and the name of the nearby POIs, if any.

<u>Page 90</u> Manage Track Logs Using ASUS GO it is also possible to save the track logs of your journeys. This screen lets you manage all your track logs. When it comes up, it shows a list of all track logs already saved.

<u>Page 91</u> • Record: this will initiate track log recording. A new line appears in the list, and GPS position data will be saved until you stop the recording or exit ASUS GO. A red icon is shown on the map screens to let you know that a recording is in progress. Tapping that icon opens this Track Log screen.

<u>Page 92</u> • Delete: you can delete a track log if it is not needed any more. ASUS GO will ask you to confirm this action.

<u>Page 93</u> • Create NMEA/SIRF log: independently of the normal track log, you can instruct ASUS GO to record the native GPS data received from the GPS device. ASUS GO is capable of working with GPS devices using either the NMEA or the SiRF protocol, so the saved data will be in one of these formats.

<u>Page 94</u> Route tab This menu contains options to manage different settings in the program. Recalculate This menu point is only available if an active route exists and GPS position is present. It brings up a menu with four options. Using one of these functions you can modify the current route.

<u>Page 95</u> Delete Route, and it cancels the navigation. Bypass When you run into a traffic jam or roadblock, you may want to have ASUS GO calculate a route that departs the original route as soon as it can. You will need to select the minimum distance along the original route where your new route is allowed to rejoin the original route.

<u>Page 96</u> To change later parts of the route or to avoid specific streets or turns, use the Avoid function in Itinerary instead. Note: When you use this feature, ASUS GO will keep on excluding the same part of the map from later routes until you manually delete the route (Page 52), or restart ASUS GO.

Page 97 This function has a special role if you have used the Avoid feature during your journey. When you arrive at your destination, the route line disappears on the map and navigation stops. The route is now practically deleted, but if you plan a new route, the roads, manoeuvres and areas excluded from your route will also be avoided when planning the new route.

<u>Page 98</u> • Instructions: by tapping the Mode button once you will see the list of events that need your attention, i.e. the list of manoeuvres during the route. These are the events shown in the Turn preview field and announced by the voice instructions. •...

Page 99 ASUS GO will recalculate the route excluding that turn. If the next street is important in the route, it is likely that ASUS GO will replace the turn with several easier ones to get to the same street.

<u>Page 100</u> In this mode the simulation is run at normal speed (using the speed limit of the streets and roads in the route), and voice instructions are also played. This mode is mainly useful for demonstrating ASUS GO, or to learn the way it works before you start your first journey.

<u>Page 101</u> POI, coordinates, one of your favourite destinations, or select a point from the History list. As soon as you select any of these, ASUS GO returns to the Edit screen and your selection appears right under the highlighted line.

Page 102: Tmc (Traffic Message Channel)

The Main button at the bottom right corner leads to the Main menu screen. 2.4.8 TMC (Traffic Message Channel) ASUS GO can provide you with even better routes if Traffic Message Channel (TMC) information is available. The TMC is a specific application of the FM Radio Data System (RDS) used for broadcasting real-time traffic and weather information.

<u>Page 103</u> You need a TMC receiver attached to your PNA to receive TMC information. If public TMC data is broadcast at your location, ASUS GO will automatically take into account the TMC information received. You do not need to set anything in the program.

<u>Page 104</u> List of TMC messages The main screen of the TMC section is the list of valid TMC messages ordered by their distance from your current location. Tap the arrows to turn the page, and see traffic difficulties farther away from your current position, or press Settings to configure the TMC subsystem.

<u>Page 105</u> If you wish to receive TMC data from a different radio station, push this button. The radio station will be added to the list of excluded stations, ASUS GO will start searching for another TMC station, and will always skip the excluded station in the future.

Page 106: Road Safety Cameras

[].[] Road safety cameras Road safety cameras, such as speed cameras and red light cameras are special POI types in ASUS GO. The application can warn you when you approach one of these cameras. You can fine-tune this warning in General settings.

Page 107 They measure your current speed. For these cameras you can specify the controlled traffic direction and the speed limit. ASUS GO will warn you when you approach these cameras in the measured direction. If your speed exceeds the speed limit near the camera, a special warning sound will be played.

<u>Page 108</u> The difference between the two points of time will be used to calculate your average speed. ASUS GO will warn you when you approach one of these cameras, but as you pass by, the warning stays on, and your average speed is measured until you reach another camera of this type.

<u>Page 109</u> ASUS GO warns you only if you drive in a measured or possibly measured direction. The measured direction of the cameras is displayed with the following symbols:...

Page 110: Change The Settings Of The Camera Warning

You can add new cameras, modify the parameters of existing ones, or delete them. Select a point on the map, then use the POI button in the Cursor menu. This will open the list of POIs around the selected map point. To add a new camera, use the Add Cam button, and set its parameters.

Page 111: Settings

[]. Settings ASUS GO provides several settings in order to let you customise the functions of the program. The Settings screen can be accessed directly from the Main menu screen and from the map screens by using the battery icon (Page 35), while some of its sub-screens...

Page 112: General Settings

Safety mode will disable the touch screen above 10 km/h (6 mph) to keep your attention on the road. You are still able to use the hardware buttons, but you cannot set a new destination or change the settings. When you disable Safety Mode, ASUS GO will warn you.

Page 113: Set Favourite Destinations

Note: If you tap either of your favourite destinations in the Find menu before defining it, ASUS GO will offer to take you to this screen to set it up.

Page 114: Automatic Night Colours

GPS. Once you set a permanent colour scheme in the Quick menu, this automatic mode turns off. If you need ASUS GO to switch between colours for you again, you need to re-enable this

feature.

<u>Page 115</u> Speeding tolerance ASUS GO will warn you when you exceed the speed limit by the amount specified here. Select whether you want to specify the tolerance as a Fixed value (offset to the speed limit) or as a Percentage.

<u>Page 116</u> Example: to let you better understand how this feature works, here is an example. If you use the settings +10 km/h - 100 km/h - +5%, ASUS GO will warn you when driving at the following speeds: Speed limit Warning at...

Page 117: Route Recalculation

You are warned well in advance. The distance ASUS GO starts warning you before reaching the camera depends on your speed. The higher the speed, the earlier the warning starts. Route Recalculation Once a route is planned, this setting will tell ASUS GO what to do when you deviate from that route. Automatic The route will be recalculated automatically a few seconds after you go astray.

Page 118: Map Settings

Automatic recalculation was selected. • Drop Next Via Point / Delete Route: ASUS GO will remove the next via point from the list and recalculate the route without it. If you have only one target left, the label of the button will be Delete Route, and it will end navigation.

<u>Page 119</u> Daylight / Night colour profile ASUS GO comes with different colour schemes for both daylight and night use. There is always one selected daytime scheme and one selected night-time scheme. ASUS GO uses these when switching from day to night and back. Tap the appropriate button and select a new scheme from the list.

Page 120: Sound Settings

Note: You can only disable street names and POI icons if ASUS GO follows your position. As soon as you move the map and Lock-to-Position (Page 33) is disabled, street names and icons become visible again. Tap Follow to re-enable Lock-to-Position and have the labels and icons disappear again.

Page 121: Dynamic Volume

The left part of this control works as a mute button. Tap to mute all ASUS GO sounds. Voice guidance volume/switch The switch on the left can turn on or mute ASUS GO's audible guidance. When turned on, the slider on the right will adjust the loudness of voice prompts. In its leftmost position the voice guidance is suppressed, in its rightmost position the master volume applies.

Page 122: Route Parameter Settings

Tap the Dynamic Volume button to turn on the feature. This will also open the screen where you can set the minimum and maximum speeds. Attention Tone If this is set to Disabled, the voice guidance will sound without a preceding attention tone. Setting it to Single Tone will initiate a single attention tone before the instructions, while Double Tone will use a double tone.

Page 123 Sliding it to the right will result in more accurate routing in an increased amount of time. Note: Since ASUS GO calculates routes very quickly, the position of this slide is only used for long routes. Short routes are always calculated to give you the optimal result independent of the slider.

Page 124 Vehicle You can set the type of the vehicle that you will use to navigate the route. Based upon this setting, some of the road types will be excluded from the route (e.g. motorways for pedestrians), or some of the restrictions may not be taken into account (e.g. emergency vehicles have no restrictions).

<u>Page 125</u> Note: Excluding a road type is a preference. It does not necessarily mean total prohibition. If your destination can only be accessed using some of the excluded road types, ASUS GO will use them but only as much as necessary. In this case a warning icon will be shown on the Route Information screen, and the road not matching your preference will be displayed in alternate colour on the map.

Page 126: Language & Units

Toll roads are included in your routes by default. If you wish to travel more to avoid paying a toll, disabling them will make ASUS GO plan the best toll-free route for you. Note: You have a few more ways to influence routing and route recalculation in Advanced settings Route options.

Page 127: Program Language

Just tap OK when you have selected the new spoken language. Units You can set the distance units to be used by the program. ASUS GO may not support all of the listed units in some voice guidance languages. If you select a measurement unit that is not supported by the chosen voice guidance language, you will see a red warning message under the selector.

Page 128: Advanced Settings

Set Date & Time Format You can set the date and time format displayed by ASUS GO. Various international formats are available. [].[]. Advanced settings These screens let you set a large number of different advanced settings and initiate some...

Page 129: Display Options

It is usually done in a top down view having north towards the top of the map. By default ASUS GO uses the same look for the map in both Map and Cockpit modes. Use this switch to instruct ASUS GO to always open the Map mode in 2D with North-up orientation for map browsing purposes.

<u>Page 130</u> When this switch is turned off, ASUS GO will centre the map to the location selected in Find but will not change the zoom level. If you turn this switch on, ASUS GO will also zoom in to the selected point.

Page 131: Backlight Settings

Backlight settings Here you can set how the display backlight behaves when using ASUS GO. These settings are independent of the settings of the other applications of ASUS R300. Power management At the top of the screen you can set how the backlight will behave when the screen has not been touched for a while.

Page 132: Smart Zoom

You can also initiate this special feature of ASUS GO. When running on battery Smart Powersave will light up the screen only when you press or tap a button, or if ASUS GO has something to show you. After a few seconds the light level decreases, and after another few seconds the backlight turns off.

Page 133 Enable Overview mode You can configure how the Overview mode is triggered when the next turn is at a distance. The Route event distance will determine when ASUS GO switches to the Overview or back to the Navigation view. The Overview zoom level will determine the fixed zoom level of the map in both automatic and manually selected (by the Map orientation icon.

<u>Page 134</u> Tapping the Follow button makes ASUS GO follow your position again (Lock-to-Position) and also re-enables Smart Zoom. You can make ASUS GO push the Follow button for you automatically after a few seconds of inactivity. This functionality and the related parameters below apply to the Cockpit screen only. The Map screen will wait for your action.

<u>Page 135</u> Turn this switch on if you want ASUS GO to return to your current GPS position after you have moved the map during navigation. This is useful if you have moved the map accidentally, or if you have moved it to quickly check something near your route.

Page 136: Route Options

Depending on the quality of your GPS device, the GPS antenna location in the car and the environment you are driving in, route recalculation can behave differently. ASUS GO may think you have departed the proposed route and perform a recalculation even if you have not done so.

<u>Page 137</u> Off-route sensitivity This is a range of relative values from 0 to 10, telling ASUS GO how far the GPS position should be from the recommended route before the program decides to

recalculate. Lower values make ASUS GO insensitive to position errors; higher values will result in quicker reactions.

<u>Page 138</u> Everything that was saved (pins, My POIs, Favourites, track logs etc.) or modified (Settings, History lists) since ASUS GO was installed is stored in a user database located in the internal memory of the ASUS R300. Here you have options to save, restore or reset the database or parts of it.

<u>Page 139</u> PNA, then return to this Settings page, and push the Restore Data button as described in the next section. ASUS GO will then restart, and all your previous POIs, track logs, settings, city and find history lists will also appear on the new PNA.

<u>Page 140</u> Normally Pins can be deleted one by one. Since they are shown at all zoom levels, and you may end up having too many of them, this button lets you delete all of them together. ASUS GO will warn you that you are about to lose all your Pins.

Page 141: Find

POI item). However, if you enter the Find system using the Find & GO button, ASUS GO will immediately put you into Cockpit mode and start navigation.

Page 142: Selection By Tapping The Map

[...] Selection by tapping the map It is very easy to set your destination using the map. Just browse to your desired destination on the map, tap it, and the Cursor menu with the possible actions will then open automatically. Note: When appearing automatically, the Cursor menu remains open for a few seconds only.

<u>Page 143</u> Find an Address, Street, Intersection or City Searching for a city, a street, an intersection, or an exact address can all be done in the Find Address module. If you know at least a part of the address, this is the quickest way to find the location.

<u>Page 144</u> You enter the module at Level 3. From this point you can go forward (down) to give the name of the street, then the house number or intersection, or backward (up) to change the city, state or country to search. Selecting the city, state and country to search in The first screen of the address-search module is the list of recently used cities (and states in Australia).

<u>Page 145</u> Tip: If during navigation you need to know the name of the city or the country you are currently in, just start Find/Address and read the first line of the list. This function leads to a reliable result only if GPS position is available, and you have not disabled Lock-to-Position by moving the map.

<u>Page 146</u> ASUS GO will show you all the results in a list. You can select the one you are looking for by tapping the appropriate list item.

<u>Page 147</u> Note: When the name of the settlement contains a character that is not available on the keyboard (e.g. apostrophe or dash), ASUS GO considers it a space that splits the word. That is why you can search for 'Alleyn-Et-Cawood' with all the following search criteria: 'A E C', 'Et A', or 'Al Ca'.

<u>Page 148</u> Once you have selected the city, you can continue by entering the street name as described. Changing the state (Australia, USA, etc.) Some of the maps contain state information. If the settlement you are looking for is in a different state, tap Other City then Change State from the list of recently used cities, then select the appropriate state.

<u>Page 149</u> When the state is selected, you need to select a settlement by entering a part of its name or postcode, then selecting from the list of available matching items as described before. Note: In Australia you can skip this part by tapping Done before entering any letters. This way you can search for a street name in the whole state.

<u>Page 150</u> Selecting the centre of the settlement If you wish to navigate to the settlement displayed in the top centre of the screen, just tap Done before entering any letters. The search result will be the centre point of the city (where its name is displayed on the map).

Page 151 Tip: You can search for both the type and the name of a road. If you have the same

name appear as Street, Avenue, Boulevard, Road, Place and Court, you can get the result faster by giving the first letter of this, too. For example searching for 'Pi A' will result in Pine Avenue skipping all Pine Streets and Pine Roads.

Page 152 Enter the number, tap Done, and ASUS GO will show you the selected location on the map (or will start navigating immediately if you have selected Find & GO at the Main menu). Note: House numbers may not be available on the map of your region. Ask your local dealer for details.

<u>Page 153</u> An example for a full address search This is an example for the most complex address search, finding an address from abroad. In this example your current position is not in France, and you are looking for an address in Paris, France, the address '17 rue d'Uzès'.

Page 154: Find In History

• The first settlement in the list is Paris, as it is the exact match. Tap it. • Now you need to enter the name of the street. • You need not enter accents, the apostrophe, and you can enter more of the words in any order separated by spaces.

Page 155: Find Coordinates

History list. Find Coordinates ASUS GO also lets you enter your destination by map coordinates. The coordinates need to be in latitude/longitude format and, based on the WGS84 earth model (the one used by most GPS devices).

Page 156 Entering a latitude/longitude pair is easy. The left field contains the latitude. It starts with an 'N' (North) or 'S' (South) letter. This tells ASUS GO whether the point is in the Northern or the Southern hemisphere. Use the button to change the hemisphere. Enter numbers for the latitude.

<u>Page 157</u> The search will be carried out around a certain reference point. Always check the current reference point shown in the field above the POI category buttons and confirm that it is correct. To change the reference, tap the Change ref. button in the top right corner. Once you tap the Change ref.

<u>Page 158</u> • Address: you can specify an address to be searched around, or a settlement to search in. The centre of this settlement will be used as the reference point. • History: the reference for the search can be selected from the History list. •...

<u>Page 159</u> Note: In the case of POI items that you have created, you can also see the results in alphabetical order. Push the button with the label ABC that appears between Search and the page number. Once the desired POI item is selected, ASUS GO will show its details.

<u>Page 160</u> Using the Find & GO function at the Main menu it is only two taps to start navigating to one of your Favourites. Note: If you try to access a favourite destination that you have not yet set up, ASUS GO will lead you to the setup page.

Page 161: Troubleshooting Guide

Thank you again for purchasing our product. We hope you will enjoy every minute of using it. However you may face difficulties before you get really accustomed to ASUS GO. In such cases, please, refer to this table of frequently encountered problematic situations.

<u>Page 162</u> If you already have a multi-point route, ASUS GO warns you before deleting the whole route. I enabled the speed warning as soon as I bought the product but I have just been fined for speeding because ASUS GO failed to warn me.

Page 163: Glossary

This information is shown in ASUS GO on the GPS Data screen. Use it as a general reference only. Note that several other factors affect the real accuracy, some of which the GPS is incapable of estimating (e.g.

Page 164 Active route: A route is an itinerary planned to reach your chosen destinations. A route is active when it is used for navigation. ASUS GO has only one route at a time, and it is always active until you delete it, reach the final destination or exit ASUS GO. When there is

more than one destination to reach, the route is cut into different legs (from one via point to another).

<u>Page 165</u> This estimation can be used only as a general reference. It will not be able to take into account your future speed or the traffic delays. In ASUS GO this value is shown as 'Time left' on the Route Information screen.

<u>Page 166</u> Use the versatile search system in ASUS GO to find the appropriate POI near you, your destination or any other given location on the map. You can also have your favourite places saved as 'My POI' in ASUS GO.

<u>Page 167</u> Later you can replay the journey on the screen of ASUS GO as if it were happening again. This is good for demonstration purposes or for analysing your manoeuvres during the trip.

Page 168: End User License Agreement

[]. End User License Agreement 1. The contracting parties 1.1. Contracting parties to present Agreement are, on the one hand: Nav N Go Kft (51 Gabor Aron, H-1026 Budapest, Hungary; Hungarian reg.no.: 03-09- 111944) as Licensor the legal user (as defined in Section 2) of the object of present Agreement according to Section 4, hereinafter referred to as User on the other hand (hereinafter jointly referred to as Parties).

<u>Page 169</u> 2.3. Present Agreement shall by no means entitle persons who unlawfully acquire, use, install on a computer, install in a vehicle or utilise in any manner whatsoever the software product. 2.4. The end user license agreement between the Parties shall be concluded with terms set forth in present Agreement.

<u>Page 170</u> 4.3. Any form of display, storage, coding, including printed, electronic or graphic display, storage, source or object code of the software product, or any other as yet indefinable form of display, storage, or coding, or any medium thereof shall be deemed as part of the software product.

Page 171 6.1. The User is entitled to install the software product on one hardware device (desktop, handheld, portable computer, navigation device) at a time, and to run and use one copy thereof. 6.2. The User is entitled to make one security copy of the software product. However, if the software product is operational after installation without the use of the original media copy, then the original media copy is deemed to be a security copy.

<u>Page 172</u> 7.1.6. apart from using the computer program, to obtain information from the map database included in the software product, to decompile the map database, to use, copy, modify, extend, transform the map database in whole or in part or the group of data stored therein, or to install it in other products, utilise it in other products, not even with the aim of achieving a co-operation with other products;...

Page 173 8.5. The Licensor shall hereby also draw the attention of the User with great emphasis to the fact that while utilising the software product in any form of transportation, observing the traffic regulations and rules (e.g. use of obligatory and/or reasonable and suitable security measures, proper and generally expected care and attention in the given situation, and special care and attention required due to utilising the software product) is the exclusive responsibility of the User;...

<u>Page 174</u> 9.1.6. claim damages. 9.2. The Licensor hereby also informs the User that the breach of copyrights and related rights is a crime according to Act IV of 1978 on the Criminal Code, which may draw as a sanction a sentence of two years in prison in basic cases and up to eight years in prison in qualified cases.

Page 175: Chapter 3 Multi-Media Features

Chapter Multimedia features...

Page 176: 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 (

Page 177: 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. Previous page Next page Return to the Remove all main screen songs from the playlist...

Page 178: Playing Music

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

Page 179: 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 180: View Photos

View photos When you open the Photo Viewer, the screen shows the top level folders on your device, as shown below. page up page down 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 181: Display A Photo

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

Page 182: 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 183: 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. page up page down back to the main menu...

<u>Page 184</u> Play a video Tap a video from the playlist to play it. The image below shows a video is playing, the name of the movie the length of the movie time remains launch the playlist back to the main menu adjust the volume Note: Tap the video to play it by full-screen, tap the full-screen video to back to its previous...

Page 185: Chapter 4 Phone Features

Chapter Phone features...

Page 186: 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. Open SMS tap to display the call log phone pad Open...

Page 187: 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 188: 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.

<u>Page 189</u> 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 190 [...] 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 191: 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 192: Contact Information

0800-093-456 (Toll-Free call from Taiwan only) Fax: 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.