

garmin  asus

nüvifone™ A50

quick start manual



Getting Started

WARNING

See the Important Safety and Product Information on [page 10](#) for product warnings and other important information.

Download the latest owner's manual at www.garminasus.com.

Device Features



Setting Up the Device

1. Remove the battery cover.
2. Install the SIM card.
3. Install the microSD™ card (optional).
4. Install the battery. See [page 3](#).
5. Replace the battery cover. See [page 4](#).
6. Charge the battery. See [page 4](#).
- 7 Register the device and check eligibility for a free map update. See [page 4](#)

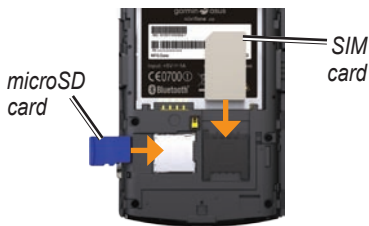
Removing the Battery Cover

Slide the battery cover off the back of the device.



Installing the SIM Card

Insert the SIM card in the holder with the gold contacts facing down and the notched corner toward the centre of the device.



Installing the microSD Card

You can use an optional microSD card to hold more data.

Insert the microSD card in the microSD slot with the gold contacts facing down.

Installing the Battery

1. Locate the battery that came in the product box.
2. Locate the metal contacts on the end of the battery and in the battery compartment.
3. Insert the battery with the Garmin-Asus logo facing up and the metal contacts on the battery aligned with the contacts in the battery compartment.



Replacing the Battery Cover

Slide the battery cover onto the back of the device until it clicks.

Charging the Battery

NOTICE

Your device will not charge if it has exceeded 140°F (60°C). If the device is mounted on the windscreen, remove it from the mount and place it somewhere out of direct sunlight to allow the battery to charge.

Charge the battery for at least four hours before using the device for the first time.

1. Insert the plug into the AC power adapter, if necessary.
2. Plug the USB cable into the AC adapter.
3. Connect the mini-USB end of the USB cable to the connector on the bottom of the device.

4. Plug the AC adapter into a power outlet.

If you completely discharge the battery, recharge it for at least 20 minutes before turning on your device.

Registering the Device

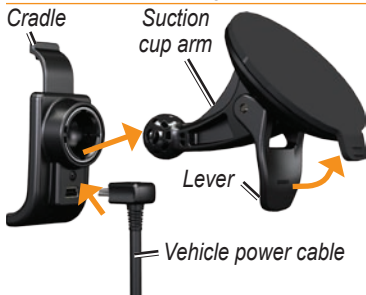
1. Go to <http://my.garmin.com>.
2. Click **Register**.
3. Follow the on-screen instructions to register the device.

After registering, open the **myMaps** tab to see if you are eligible for one or more free map updates.

Mounting Your Device

WARNING

This product contains a lithium-ion battery. To prevent the possibility of personal injury or product damage caused by battery exposure to extreme heat, remove the device from the vehicle when exiting or store it out of direct sunlight.



1. Plug the vehicle power cable into the power connector on the back of the cradle.
2. Remove the clear plastic from the suction cup.
3. Clean and dry your windscreen and the suction cup with a lint-free cloth.

4. Place the suction cup on the windscreen.
5. Flip the lever back, towards the windscreen.
6. Snap the cradle onto the suction cup arm.
7. Fit the gold contacts on the left side of your device into the cradle.
8. Tilt the device back until it snaps into the cradle.
9. Plug the other end of the vehicle power cable into a power outlet in your vehicle.



Getting to Know Your Device





Using the Home Screen



- ① Status bar. Displays notification icons and status icons and the current time. Touch and drag down to view.
- ② Application tray. Touch a shortcut to start an application. Touch and drag the bar to scroll through shortcuts.
- ③ Touch to place a phone call and access contacts.

- ④ Touch to find and navigate to a location.
- ⑤ Touch to view the map.

About the Keys

Key	Use
	Touch to open the phone. Touch to send a call.
	Touch to return to the Home screen. Touch and hold to open the Widgets.
	Touch to go back to the previous screen or to exit the current application.
	Touch to view a menu of options for the current screen or application.
Volume up and down	Press to increase or decrease the audio level.

Direction pad	Press up, down, left or right to highlight items or to scroll through lists.
	Press the centre of the directional pad to select a highlighted item.
Camera	Press to take a picture.
	Press to take a screenshot, when enabled.

Using the Application Tray

The application tray contains shortcuts for the applications on the device. The first row or column of shortcuts is always visible on the Home screen.

- Scroll the application tray up and down to view more shortcuts.
- Touch and drag the application tray towards the opposite side of the screen.



The application tray expands and a second section of shortcuts appears.

Using the Phone

Dialling a Number

1. Touch > .

TIP: You can also open the phone application by touching **Call From** the Home screen.

2. Dial the number.
3. Touch .



Adding a Contact

1. From the application tray, touch **Contacts** > .
2. Touch an item.
3. Enter the information.
4. Touch **Done** > **Save**.

Adding a Number to Contacts

1. Touch > .
2. Touch a call.
3. Touch > **Add to Contacts** > **Name**.
4. Enter a name and touch **Done**.
5. Touch **Save**.


Calling a Contact

1. Touch  > .
2. Select a contact.
3. Touch **Call**.
4. If the contact has more than one phone number, touch the phone number to call.

Using In-Call Options

While you are on a call, use the following options:


- Touch **Speakerphone** to activate the speakerphone.
- Touch **Audio** to select audio output. Available when a wireless hands-free is connected.
- Touch **Mute** to mute the audio input.
- Touch **Add Call** to place a new call. The first call is placed on hold:
 - Touch **Switch** to change between the current call and the call on hold, if you are on call waiting.
 - Touch **Merge** to create a conference call.
 - Touch **Hold** to place the current call on hold.

- Touch  to display a numeric keypad for automated systems that require numeric entries.




Ending a Call

Touch **End Call**.


Receiving a Call

- Touch **Answer** to answer the call or touch **Ignore** to ignore the call.
- To answer a call when the screen is locked, double-tap .
- To ignore a call when the screen is locked, press the **Power** key.




Setting Up Voice Mail

1. From the application tray, touch **Settings** > **Phone** > **Voice Mail Number**.
2. Verify that your voice mail number is correct.
3. Touch  >  > .
4. Follow the prompts.

Calling Voice Mail

When you have new voice mail,  appears in the status bar.

1. Touch and drag the status bar towards the bottom of the screen.

TIP: You can also touch  >  >  to call your voice mail.

2. Touch **New Voice Mail**.

Searching for Locations

The Where To? menu provides several different categories you can use to search for locations and destinations.

NOTE: Before you can navigate with your device, you must acquire satellites.

Finding a Point of Interest

The detailed maps loaded in your device contain points of interest, such as restaurants, hotels and vehicle services.

Finding by Category

1. From the Home screen, touch **Where To?** > **Points of Interest**.
2. Touch a category.
3. Touch a subcategory, if necessary.
4. Touch an item.



- ① Touch to view the other locations in the search results list on the map.
- ② Touch to view the map in 3D mode. Touch again to view the 2D map.
- ③ Touch to rotate the map.
- ④ Touch to zoom in and out of the map.
- ⑤ Touch to view additional details, such as the address and the phone number, if known.
- ⑥ Touch to create a route to the location.
- ⑦ Touch to dial the phone number of the location, if available.

Important Safety and Product Information

For updates to the safety and product information, see the most recent owner's manual.

WARNING

Failure to avoid the following potentially hazardous situations could result in an accident or collision resulting in death or serious injury.

Installation and Operation Warnings

- When installing the device in a vehicle, place the device securely so it does not obstruct the driver's view of the road or interfere with vehicle operating controls, such as the steering wheel, the foot pedals or the transmission levers. Do not place the device in front of or above any airbag. (See diagram.)



- Do not place unsecured on the vehicle dashboard.

- Do not mount where the driver's field of vision is blocked.
- Do not mount in front of an airbag field of deployment.
- The windscreen mount may not stay attached to the windscreen in all circumstances. Do not place the mount where it will become a distraction if the mount should become detached. Keep your windscreen clean to help ensure that the mount stays on the windscreen.
- Always use your best judgement and operate the vehicle in a safe manner. **Do not become distracted by the device while driving and always be fully aware of all driving conditions.** Minimise the amount of time spent viewing the device screen while driving and use voice prompts when possible.
- Do not send text messages, input destinations, change settings or access any other functions requiring prolonged use of the device controls while driving. Pull over in a safe and legal manner before attempting such operations.

Navigation Warnings

- When navigating, carefully compare information displayed on the device to all available navigation sources, including road signs, road closures, road conditions, traffic congestion, weather conditions and other factors that may affect safety while driving. For safety, always resolve any discrepancies before continuing navigation and defer to posted road signs and road conditions.
- The device is designed to provide route suggestions. It is not a replacement for driver attentiveness and good judgement. **Do not follow route suggestions if they suggest an unsafe or illegal manoeuvre or would place the vehicle in an unsafe situation.**

Battery Warnings

If these guidelines are not followed, the internal lithium-ion battery may experience a shortened life span or may present a risk of damage to the GPS device, fire, chemical burn, electrolyte leak and/or injury.

- Do not leave the device exposed to a heat source or in a high temperature

location, such as in the sun in an unattended vehicle. To prevent damage, remove the device from the vehicle or store it out of direct sunlight, such as in the glove box.

- Do not puncture or incinerate the device or battery.
- When storing the device for an extended time, store within the following temperature range: from -4°F to 158°F (from -20°C to 70°C).
- Do not operate the device outside of the following temperature range: from 5°F to 104°F (from -15°C to 40°C).
- Contact your local waste disposal department to dispose of the device/battery in accordance with applicable local laws and regulations.
- Do not use a sharp object to remove the battery.
- Keep the battery away from children.
- Do not disassemble, puncture or damage the battery.
- If using an AC charger or an external battery charger, only use the accessory approved for your product.

- Only replace the battery with the correct replacement battery. Using another battery presents a risk of fire or explosion. To purchase a replacement battery, see your Garmin or ASUS dealer or the Garmin-Asus web site.
- Do not remove or attempt to remove the non-user-replaceable battery.
- If you think that interference may be occurring, turn off the device immediately.
- For other medical devices, consult your physician or the manufacturer to determine if your mobile device may interfere with the medical device and to determine any precautions that you can take to avoid interference.

Pacemakers and Other Medical Devices

Studies have shown that there may be a potential interaction between mobile devices and normal pacemaker operation. The pacemaker industry recommends that people with pacemakers follow these guidelines to minimise any risk of interference with pacemaker operation:

- Always maintain a distance of 6 inches (15 cm) between the pacemaker and any mobile device that is turned on.
- Store the device on the opposite side of the pacemaker. Do not carry the device in a breast pocket.
- Use the ear furthest from the pacemaker in order to minimise any potential for interference.

CAUTION

Avoiding Hearing Damage

You can permanently damage your ears and lose hearing if you listen to the device, earbuds or headphones at high volume. The volume is typically too loud if you cannot hear people speaking around you. Limit the amount of time you listen at high volume. If you experience ringing in your ears or muffled speech, stop listening and have your hearing checked.

Avoiding Repetitive Motion

You may experience occasional discomfort in your hands, arms, shoulders, neck or other parts of your body if you perform repetitive activities, such as typing, on the mobile device. Take frequent breaks. If you

have discomfort while or after using the device, stop using it and see a physician.

Avoiding Seizures, Blackouts and Eyestrain

A very small percentage of people can experience seizures or blackouts caused by light flashes or patterns, such as while watching videos or playing games. If you have experienced or have a family history of seizures or blackouts, consult a physician before playing games or watching videos on your device.

Avoid prolonged use and take frequent breaks from using the device. Hold the device away from your eyes. Use the device in a well-lit room. If you experience convulsions, eye or muscle twitching, loss of awareness, involuntary movement or disorientation, stop using the device and consult a physician.

NOTICE

Notice to Customers in the European Union

Use of 2.4 GHz Wi-Fi transmitters is currently restricted in certain European

countries due to specific radio frequency legislation. You must check the local regulations in all European countries in which you intend to use the Wi-Fi radio to ensure the legality of use. You accept full responsibility for complying with all such laws and regulations applicable in your particular country of operation.

The following countries have restrictions on certain uses of 2.4 GHz Wi-Fi products:

France: This product may be used indoors on any available Wi-Fi channel (channels 1–11). If used outdoors, however, the usage must be limited to the channels operating between 2400 MHz and 2454 MHz (channels 1–7).

Italy: This product may be used indoors on any available Wi-Fi channel (channels 1–11). However, Italy requires general authorisation for outdoor use of this product if used outside the boundaries of the owner's property.

Latvia: This product may be used indoors on any available Wi-Fi channel (channels 1–11). However, Latvia requires a licence for outdoor use of this product.

Map Data Information

Garmin and ASUS use a combination of governmental and private data sources. Virtually all data sources contain some inaccurate or incomplete data. In some countries, complete and accurate map information is either not available or is prohibitively expensive.

Information about Recycling and WEEE

Information about the recycling programmes for Garmin and ASUS and WEEE compliance can be found at www.garminasus.com/compliance.

Information about RoHS and REACH

Information about RoHS and REACH for Garmin-Asus products can be found at www.garminasus.com/compliance.

Hearing Aid Compatibility (HAC)

Digital wireless phones have the potential to interfere with certain hearing aids. A rating system has been developed to aid consumers in picking compatible devices. The M rating is a general measure

of compatibility. The T rating, if used, measures the compatibility of the phone specifically for T-Coil devices. Consumers should pick a device with minimum ratings of 3 (M3 rating or M3T3 rating). Higher numbers indicate better compatibility. This device is rated M3T3.

When using a phone with a hearing aid, you may need to experiment with phone placement near your ear to ensure optimum compatibility. If interference is experienced, contact your hearing aid manufacturer for advice or information on alternatives.

Radio Frequency Exposure/ Specific Absorption Rate

This device is a transmitter and receiver that uses its antenna to send and receive low levels of radio frequency (RF) energy for voice and data communications. The cellular antenna is located along the bottom edge of the rear of the phone. The Wi-Fi and Bluetooth antenna is located between the volume keys and the camera on the rear of the phone.

This device must not be co-located or operated in conjunction with any other transmitter or antenna.

Regular review of scientific research and studies has led to the formation of international safety guidelines and regulations regarding limiting exposure to this RF energy. This product emits RF energy below the published limits when operating in its maximum output power mode and when used with Garmin authorised accessories. These guidelines use a unit of measurement known as the specific absorption rate, SAR. The SAR limit applicable to this device set by the FCC is 1.6 watts per kilogramme (W/kg), 1.6 W/kg by Industry Canada and 2.0 W/kg by the Council of the European Union.

To comply with FCC and European RF exposure compliance requirements, the device should be used in its vehicle mount or with Garmin authorised belt clips and holsters only. Use with other third party accessories may not ensure compliance with FCC, EU or other local RF exposure requirements. The actual measured values are as follows:

Band	Position	SAR 1 g (W/kg)
GSM900	Head	0.384
	Body (1.5 cm Gap)	0.33
GSM1800	Head	0.227
	Body (1.5 cm Gap)	0.499
WCDMA Band VIII	Head	0.611
	Body (1.5 cm Gap)	0.518
WCDMA Band I	Head	0.572
	Body (1.5 cm Gap)	0.325
WLAN	Body (1.5 cm Gap)	0.012

Industry Canada Compliance

Category I radio communication devices comply with Industry Canada Standard RSS-210. This Class B digital apparatus complies with Canadian ICES-003.

Ce dispositif de radio communication de catégorie I respecte la norme CNR-210 d'Industrie Canada. Cet appareil numérique de la classe B est conforme à la norme NMB-003 du Canada.

IC Radiation Exposure Statement

This device is in compliance with SAR for general population/uncontrolled exposure limits in IC RSS-102 and has been tested in accordance with the measurement methods and procedures specified in IEEE 1528. This equipment should be installed and operated with a minimum separation distance of 1.5 cm between the device and your body.

The device and its antenna must not be co-located or operated in conjunction with any other antenna or transmitter.

Declaration of Conformity

Hereby, ASUSTeK Computer, Inc, declares that this device is in compliance with the essential requirements and other relevant provisions of Directive 1999/5/EC. The Declaration of Conformity may be obtained at www.garminasus.com/declaration-of-conformity.

Equipment Use

This device is for use worldwide, including the following countries: AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR,

HU, IE, IS, IT, LI, LT, LU, LV, MT, NL, NO, PL, PT, RO, SE, SI, SK, TR.

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Limited Warranty

This Garmin-Asus product is warranted to be free from defects in materials and workmanship under normal use per the terms outlined herein for the term of 24 months starting from the date of retail purchase by the original end-user purchaser (collectively the “Warranty Period”). THIS WARRANTY DOES NOT AFFECT YOUR STATUTORY RIGHTS.

Within the relevant Warranty Period, Garmin and/or ASUSTeK Computer, Inc. (“Asus”) will, at its sole option, either repair or replace any components that fail in normal use. Such repairs or replacement will be made at no charge to the customer for parts or labour, provided that the customer shall be responsible for any transportation cost. A replacement product or part assumes the remaining Warranty Period of the original product or ninety (90) days from the date of replacement or repair, whichever provides longer

coverage for you. When a product or part is exchanged, any replacement item becomes your property and the replaced item becomes Garmin's or Asus' property as the case may be.

Exclusions and Limitations

This Limited Warranty applies only to the hardware product manufactured by or for Garmin or Asus that can be identified by the Garmin-Asus logo affixed to it. Software distributed by Garmin or Asus with or as part of the product (including system software) is not covered under this Limited Warranty and is instead covered by the accompanying End User License Agreement.

Neither Garmin nor Asus warrants that the operation of the product will be uninterrupted or error-free, nor is Garmin or Asus responsible for damage arising from failure to follow product instructions. In addition, this warranty does not apply to: (i) cosmetic damage, such as scratches, nicks and dents; (ii) consumable parts, such as batteries, unless product damage has occurred due to a defect in materials or workmanship; (iii) damage caused by

use of the product with non Garmin-Asus products; (iv) damage caused by accident, abuse, misuse, water, flood, fire or other acts of nature or external causes; (v) damage caused by service performed by anyone who is not an authorised service provider of Garmin or Asus; or (iv) damage to a product that has been modified or altered without the written permission of Garmin or Asus.

TO THE MAXIMUM EXTENT PERMITTED BY APPLICABLE LAW, THE WARRANTIES AND REMEDIES CONTAINED HEREIN ARE EXCLUSIVE AND IN LIEU OF ALL OTHER WARRANTIES, WHETHER ORAL, WRITTEN, EXPRESS, IMPLIED OR STATUTORY, INCLUDING, WITHOUT LIMITATION, ANY LIABILITY ARISING UNDER ANY WARRANTY OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE. IN NO EVENT SHALL GARMIN OR ASUS BE LIABLE FOR ANY DIRECT, SPECIAL, INCIDENTAL, INDIRECT OR CONSEQUENTIAL DAMAGES, WHETHER RESULTING FROM THE

USE, MISUSE OR INABILITY TO USE THIS PRODUCT OR FROM DEFECTS IN THE PRODUCT OR FROM ANY BREACH OF WARRANTY OR OTHER LEGAL THEORY.

Some states, provinces or countries do not allow the exclusion of incidental or consequential damages, so the above limitations may not apply to you. This warranty gives you specific legal rights, and you may also have other rights that vary by country, state or province. This limited warranty is governed by and construed under the laws of the country in which the product purchase took place. If any term is held to be illegal or unenforceable, the legality or enforceability of the remaining terms shall remain valid and shall not be affected.

Garmin and/or Asus retains the exclusive right to repair, have repaired or replace (with a new or newly-overhauled replacement product) the product or component parts or offer a full refund of the purchase price at its sole discretion. SUCH REMEDY SHALL BE YOUR SOLE AND EXCLUSIVE REMEDY FOR ANY BREACH OF WARRANTY. When

a refund is given, the product for which the refund is provided must be returned to Garmin or Asus and becomes Garmin-Asus property.

Obtaining Warranty Service

To obtain warranty service go to www.garminasus.com/support/warranty for specific instructions on where and how to return your Garmin-Asus product for warranty service if it is still eligible for warranty coverage. Garmin-Asus may restrict warranty service to the country in which Garmin-Asus or its authorised dealers originally sold the product. An original or copy of the product sales receipt from the original retailer is required to obtain warranty service.

Online Auction Purchases

Products sold through online auctions are not eligible for warranty coverage or protection from Garmin and/or Asus. Online auction confirmations are not accepted as warranty verification. The combined Garmin-Asus logo is a trademark of Garmin Ltd. and ASUSTeK Computer, Inc.

FCC Compliance

This device complies with part 15 of the FCC Rules. Operation is subject to the following two conditions: (1) this device may not cause harmful interference and (2) this device must accept any interference received, including interference that may cause undesired operation.

This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to part 15 of the FCC rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses and can radiate radio frequency energy and may cause harmful interference to radio communications if not installed and used in accordance with the instructions. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can

be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one of the following measures:

- Reorient or relocate the receiving antenna.
- Increase the separation between the equipment and the receiver.
- Connect the equipment into an outlet that is on a different circuit from the GPS unit.
- Consult the dealer or an experienced radio/TV technician for help.

This product does not contain any user-serviceable parts. Repairs should only be made by an authorised Garmin service centre. Unauthorised repairs or modifications could result in permanent damage to the equipment and void your warranty and your authority to operate this device under Part 15 regulations.

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For model 0100084610

15G06A482P01

June 2010

Part Number 190-01213-17 Rev. B Printed in China