

garmin  asus

nüvifone™ M10E

owner's manual



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Introduction

The nüvifone™ M10E is a multi-media mobile phone with integrated navigation and services.

Get Support

Go to www.garminasus.com for in-country and regional support information.

Register Your Product

Register your product at www.garminasus.com to help us better support you. Keep the original sales receipt, or a photocopy, in a safe place.

NOTE: If you have registered for Ciao! (see [page 55](#)), you are already registered at <http://my.garmin.com>.

CE0700ⓘ

Update the Software

Go to www.garminasus.com to download the latest software update.

TIP: Create a backup file ([page 82](#)) before updating the nüvifone software.

nüMaps Guarantee™

To receive one free map update (if available), register your nüvifone at www.garminasus.com within 60 days of acquiring satellites while driving with your nüvifone. You are not eligible for the free map update if you register by phone or wait longer than 60 days after the first time you acquire satellites while driving with your nüvifone.

Additional Maps

You can purchase additional maps for your nüvifone. To see a list of maps that are compatible with your nüvifone, go to (www.garminasus.com).

Table of Contents

Introduction	i	Lock Your nüvifone	15
Get Support	i	Acquire GPS Satellite Signals	16
Register Your Product.....	i	Close Applications	16
Update the Software.....	i	Switch Between Applications.....	16
nüMaps Guarantee™	i	Status Bar Icons	17
Additional Maps	i	Use the Phone	20
Get Started	7	Open the Phone Application	20
nüvifone Device Features.....	7	Dial a Number.....	20
Setting Up the Device.....	8	Use In-Call Options	21
Turn On Your nüvifone.....	11	Receive a Call	22
Mount the nüvifone in Your Vehicle ...	11	End a Call.....	22
Get to Know Your nüvifone	12	Set Up Voice Mail	22
Use the Home Screen	12	Call Voice Mail.....	23
Use the Keys	13	Place a Conference Call.....	23
Scroll the Screen	13	View Call History	24
Use the On-Screen Buttons.....	13	Turn Off the Phone	24
Use the On-screen Keyboard.....	14	Turn on Flight Mode	24
Use the Stylus	14	Manage Your Contacts	25
Rotate the nüvifone	14	Add a Contact	25
Learn More	14	Call a Contact	25
View the Status.....	15	Search for a Contact.....	25
Adjust the Volume.....	15	Navigate to a Contact.....	26
		Add a Contact to Favorites.....	26

Copy from Contacts to Your SIM Card.....	26	Follow Your Route	35
Copy Items from Your SIM Card to Contacts.....	27	View the Route Details	36
Add Items to Your SIM Card.....	27	See the Next Turn.....	36
Search for Locations.....	28	Junction View	37
Set Your Home Location.....	28	View the Trip Computer	37
Find an Address.....	28	Take a Detour	38
Go! Page Options	29	Stop the Route.....	38
Find a Nearby Location	29	Add Points to the Active Route	38
Learn About Locations.....	29	Save the Active Route	38
Send a Found Location	30	About Traffic	39
Change the Search Area	30	Use the Navigation Tools	41
Find a Point of Interest	30	Browse the Map.....	41
Find a Location Using Local Search..	31	Use the Where Am I? Page	41
Find Favorites.....	32	Work with Favorites	42
Find Recently Found Locations	32	Work with Routes	42
Find a Location Using the Map.....	32	Work with Tracks	45
Find Cities.....	33	Use Connected Services.....	46
Find Intersections	34	About Connected Services	46
Enter Coordinates.....	34	Find Fuel Prices.....	46
Find Selected Text.....	34	Find Local Events	47
		Find Movie Times	47
		Find Parking	48
		Download Safety Cameras.....	48

Table of Contents

Use the White Pages Phone Directory	48	Adjust the Web Page View	61
View GeoNews	49	Save a Web Page to Favorites	61
Send and Receive Messages....	50	Read the News	62
Send an SMS/Text Message	50	Use Newstation	62
Send a Multimedia Message (MMS)	50	Set Up SMS Cell Broadcast	64
Create a Voice MMS Message	51	Play Music	65
Send a Location Message	51	Play a Song	65
Read Messages.....	52	Use the Headset to Control Playback	66
Set Up an E-mail Account.....	53	Save a Song as a Ring Tone	66
Send an E-mail Message	54	Take and View Pictures and Videos	67
Read an E-mail Message	54	Take a Picture	67
Manually Send/Receive E-mail Messages	54	Take a Picture with GPS Information	67
Synchronize E-mail Messages	54	Record a Video	67
Connect with Friends	55	Send a Picture or Video	67
Use Ciao!™	55	Change the Camera and Video Settings	68
Connect with Friends on Facebook™	59	Copy Pictures and Videos to Your Device.....	69
Use Messenger	59	View Pictures.....	70
Use the Browser	60	Delete a Picture or Video.....	70
Search the Internet.....	60	View a Slideshow	70
Look Up a Term in a Wiki Web Site ...	60	Play a Video	71
Use the Browser	60	Upload Pictures and Video	71

Change Media Gallery Settings.....	72	Synchronize Your nüvifone	83
Play a Video Stream.....	72	Install and Configure ActiveSync on Your Computer.....	83
Organize Your Life.....	74	Synchronize Using the USB Cable....	84
Use the Calendar.....	74	Synchronize Using Bluetooth® Technology.....	84
Check Flight Status	75	Enable the USB Connection Mode Page	85
Check the Weather.....	76	Synchronize with an Exchange Server	86
View Stock Information.....	76	Synchronize with Your Windows Live Account.....	86
Use Tasks.....	77	Connect with Other Devices.....	87
Use the Alarms.....	77	About Bluetooth.....	87
Add a World Clock.....	78	Use Internet Sharing.....	89
Use the Count-down Timer.....	79	Manage Wireless Connections.....	90
Use the Stopwatch	79	Set Up a Wi-Fi Connection	91
Convert Currency	79	Exchange Files Using FTP	91
Use the Calculator.....	80	Customize Your nüvifone	92
Type a Note	80	Adjust the Screen Settings	92
View Adobe® PDFs	80	Access the System Volume.....	93
Download Applications	81	Rearrange the Start Menu.....	93
Access Your nüvifone Data Using Your Computer.....	81	Customize the Home Screen.....	93
Use Microsoft Office Mobile.....	81	Customize the Phone Settings.....	94
Backup and Restore Files	82		
Search for Files	82		

Table of Contents

Adjust Your Regional Settings	96	Important Safety and Product Information.....	110
Lock the Phone with a Password	97	Troubleshooting	117
Change the Power Settings.....	97	Index	118
Configure Your Phone Network Profile.....	98		
Adjust the Navigation Settings.....	99		
Remove Programs.....	103		
View Device Information.....	103		
Restore the Default Settings.....	104		
Appendix	105		
Reset the nüvifone.....	105		
Battery Information	105		
Change the Fuse in the Vehicle Power Cable	106		
Mount on Your Dashboard.....	107		
Remove the nüvifone, Cradle, and Mount.....	107		
Care for Your Device	108		
Specifications	108		

Get Started

WARNING

See “Important Safety and Product Information” beginning on [page 110](#) for product warnings and other important information.

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

nüvifone Device Features

Power key

Micro-USB
connector
for power
and
computer
connection

Power
connector
for
navigation
cradle



Headphone
connector

Volume
keys

Camera lens
(on back)

Send
key

Start
menu
key

End key

Stylus



Setting Up the 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. Remove the battery cover.
2. Install the SIM card.
3. Install the microSD card (optional). See [page 9](#).
4. Install the battery. See [page 9](#).
5. Replace the battery cover. See [page 10](#).
6. Charge the battery. See [page 10](#).

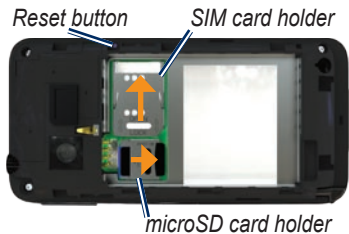
Remove the Battery Cover

Slide the battery cover off the back of the nüvifone.



Install the SIM Card

1. Slide the SIM card holder toward the outside edge of the device and lift up, as directed on the holder.
2. Place the SIM card in the device with the gold contacts facing down and the notched corner near the center of the device.



3. Close the card holder.
4. Slide the card holder toward the center of the device to lock it.

Install the microSD Card

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

1. Slide the microSD card holder toward the top edge of the device and lift up.
2. Place the microSD card in the device with the gold contacts facing down.
3. Close the card holder.
4. Slide the card holder toward the center of the device to lock it.

Install 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 large Garmin-Asus logo facing down and the metal contacts on the battery aligned with the contacts in the battery compartment.



NOTE: For more battery information, see [page 105](#).

Replace the Battery Cover

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

Charge the Battery

NOTICE

Your nüvifone will not charge if it has exceeded the maximum charging temperature of 122°F (50°C). If the nüvifone is mounted in the windshield, remove it from the mount and place it somewhere out of direct sunlight.

Charge the battery for at least four hours before using the nüvifone 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 micro-USB end of the USB cable to the connector on the side 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 nüvifone.

Alternate Charging Methods

- (Preferred and fastest method) Insert your nüvifone into the cradle, and connect the vehicle power cable to the cradle.
- Connect the vehicle power cable to your nüvifone.
- Connect your nüvifone to a computer using the USB cable included in the box.
- Insert the battery into the battery charger (accessory). For more information about accessories, go to www.garminasus.com.

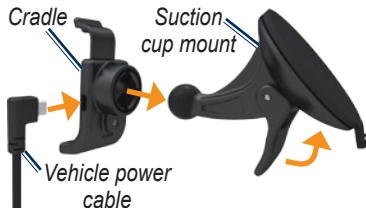
Turn On Your nüvifone

Press and hold the **Power** key to turn on the nüvifone.

Mount the nüvifone in Your Vehicle

The vehicle mount and power cable are available in some nüvifone packages. To purchase accessories, go to www.garminasus.com.

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

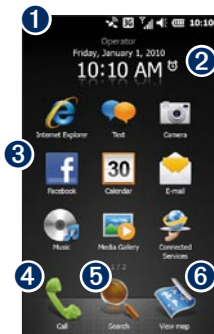


5. Flip the lever back, toward the windshield.
6. Snap the cradle onto the suction cup arm.
7. Fit the gold contacts on the left side of your nüvifone into the cradle.
8. Tilt the nüvifone back until it snaps into the cradle.
9. Plug the other end of the vehicle power cable into a power outlet in your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

TIP: When you take your nüvifone out of the mounting cradle, your current location is saved, making it easy to find your parking spot.

Get to Know Your nūvifone




Use the Home Screen



- 1 Status bar. Tap to view the device status and notifications, and to search for locations.

- 2 Current date and time, based on the network. Tap to view the alarms and global clocks.
- 3 Application shortcut icons. Tap an icon to open the application. Drag your finger horizontally across the Home screen icons to view more icons. Touch and hold an icon to edit the applications on the Home screen.
- 4 Tap to place a phone call and access contacts.
- 5 Tap to find and navigate to a location.
- 6 Tap to view the map.

Use the Keys




Key	Use
	Press to open the phone.
	Press to send a call.
	Press to open the Start menu.
	Press and hold to close or switch applications.
	Press to end a phone call.
	When not on a phone call, press to open the Home screen.
Volume up and down	Press to increase or decrease the audio level.

Scroll the Screen



- Touch and drag your finger to slowly scroll the screen.
- Touch, drag, and quickly remove your finger to continue scrolling after removing your finger.
- Tap the screen to stop scrolling.

You can scroll the screen both vertically and horizontally.

Use the On-Screen Buttons

- Tap  to access the menu for a particular page.
- Tap  to return to the previous page.
- Tap  to minimize the application.

Use the On-screen Keyboard

1. When available, tap  to open the keyboard.
2. Tap the keys to enter data.
3. Tap  to close the keyboard.

Use the Stylus

The stylus is a pen-like device. To remove the stylus, pull it out of the lower-right corner of your nüvifone.

- Use the stylus to write, draw, select, or drag an item on the screen.
- Single-tap an item to select it or open it.
- Touch and drag an item to see the menu.
- Use the stylus to press the reset button under the battery cover.


Rotate the nüvifone

Rotate your nüvifone to the left or the right to view in horizontal (landscape) mode.

From horizontal mode, rotate your nüvifone to the left or the right to view in vertical (portrait) mode.

Some applications are only viewed in one orientation. For example, the camera is only available in landscape mode.

Learn More

1. Press the  key.
2. Tap [Getting Started > Garmin-Asus](#).
3. Tap a topic.



View the Status

1. Tap the status bar along the top of the screen.



2. From the slider menu at the top of the screen, select **Status**, **Search**, or **Notification**.
3. Tap an item to update it or view more information about it.

Adjust the Volume

1. Press the volume key up or down.
2. Adjust the volume:
 - Move the slider up and down to adjust the volume.
 - Tap  to place the device in vibrate mode.
 - Tap  to mute the device.

NOTE: To customize your system volume settings, see [page 93](#).


Lock Your nūvifone

Lock the touchscreen on your nūvifone to prevent accidental taps.

1. Press the  key.
2. Tap .

To adjust the lock settings, see [page 97](#).

Unlock Your nūvifone

1. Quickly press the Power key, if necessary.
2. Slide . If there are multiple unlock icons, tap and slide the icon for the item you want to open.


Acquire GPS Satellite Signals

Your nüvifone must acquire GPS (Global Positioning System) satellite signals to navigate. The nüvifone automatically attempts to acquire satellite signals.



To acquire satellite signals more quickly, take your nüvifone outside to an area free from tall obstructions.

Update GPS Data Manually


You can also increase the speed of GPS positioning by updating your GPS data regularly.

1. Press the  key.
2. Tap **Settings** > **Navigation** > **GPS** > **GPS Data Update**.
3. Tap **Update**.

Close Applications











1. Press and hold the  key.
2. Tap the screen and drag diagonally to scroll through all the open applications.
3. Tap  to minimize the application, or tap **End All Tasks** to close all open applications.















Switch Between Applications















1. Press and hold the  key.
2. Tap an application to open it.

Status Bar Icons

The icons along the top of the screen indicate the status of various system items. You can tap some of the icons to access more information.

Type	Icon	Description
Call status		Call in progress
		Call forwarded
		Call on hold
		Missed call
General Packet Radio Service (GPRS) connection status* * This icon depends on your location and mobile service provider.		GPRS available
		Connecting using GPRS
		Connected using GPRS
		3rd Generation (3G) service available
		HSPA available
		EDGE available

Messaging status		New messages
		Multiple messages; tap the icon to view all messages.
Battery status		Battery fully charged
		Battery partially charged
		Battery charging
		Battery is very low
Signal status		No cellular phone service
		No signal
		Number of bars indicate signal strength
		Phone off
ActiveSync® connection status		ActiveSync synchronization in progress
		Connecting with ActiveSync
		ActiveSync connection not active
		Synchronization error

Sound status		Sound on
		Sound off
Wi-Fi® status		Wi-Fi is available
		Wi-Fi connected
Bluetooth technology headset connection		Bluetooth stereo headset connected
Roaming service		Roaming service. This icon appears if you have the international roaming feature.
Mode status		Vibrate or Meeting mode on
Speakerphone status		Speakerphone on
Alarm status		Alarm is set
Timer status		Timer is running
SIM card status		No SIM card installed
Location Search		Tap to find information about this location.
GPS status		GPS searching
		GPS off




Use the Phone

Open the Phone Application

Use one of the following methods to open the phone application:

- Press the  key.
- From the Home screen, tap **Call**.

Dial a Number

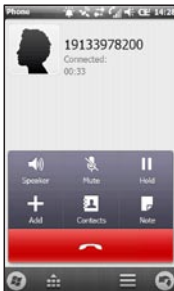
1. Press the  key.
2. Tap  to open the keypad.
3. Dial the number. As you dial, a list appears showing similar numbers you have dialed and contacts that have matching numbers or letters.
4. Tap a number in the list to call the number, or press the  key.



Use In-Call Options

While you are in a call, the following options appear:

- **Speaker**—activate the speakerphone.
- **Mute**—mute the audio input.
- **Hold**—place the current call on hold.
- **Add**—place a new call. The first call is placed on hold.
- **Swap**—change between the current call and the call on hold, if you are on call waiting.



- **Contacts**—view your contacts.
- **Note**—write a note related to this call. You can view the note by tapping the call in your call history.
- —view the following options:
 - **Turn Hands-free Off**—turn off the hands-free function, if available.
 - **Record**—record the phone call.
 - **Calendar**—view the calendar.
 - **History**—view your call history.
 - **Conference**—start a conference call, if you have a call on hold and another call active.

The phone hides these options if you are in a call and do not interact with the phone for 4 seconds. To show the options again, press the **Power** key.



Receive a Call

When there is an incoming phone call, the Incoming Call page appears. Select an option:

- Tap **Answer** to answer the call.
- Tap **Ignore** to reject the call or send the call to voice mail, if voice mail is set up.
- Tap **Ignore with SMS** to send an SMS/text message to the caller. This will also send the call to voice mail, if voice mail is set up.

If you answer a call while you are already on another call, the original call is placed on hold.

Record a Phone Call


1. While on a phone call, tap  > **Record**.
2. When finished recording, tap  > **Stop Recording**.

To listen to the recording press the  key, and then tap **Notes**.



End a Call

To end a call, press the  key.

Set Up Voice Mail

1. Press the  key.
2. Tap **Settings** > **Personal** > **Phone**.
3. From the slider menu at the top of the screen, select **Services**.
4. Tap **Voice Mail and Text Messages** > **Get Settings**.
5. Verify that your voice mail number is correct, and tap **OK**.

Call Voice Mail

1. Press the  key.
2. Tap .
3. Touch and hold **1**.

Place a Conference Call

NOTE: Not all mobile phone networks support conference call. Contact your service provider for details.

1. Place a call to the first phone number.
2. Tap **Add**.
3. Place a call to the second phone number.
4. Tap **Conference**.

To view the other members of the conference call, tap **More**.






If you receive a call while you are already on another call, you can start a conference call by tapping **Conference**.

Speak Privately During a Conference Call




You can speak privately with another member of the conference call.

1. During the conference call, tap **More**.
2. Tap the contact with whom you would like to speak privately, and tap **Private**. The other members of the conference call can continue to speak to each other.
3. To end the private conversation, tap **Conference**.

View Call History

1. Press the  key.
2. Tap , if necessary.
3. Tap a number or a contact in the list to view your call history for that number or contact.
4. If a call in the list is marked with , tap the call to view the notes associated with that call.
5. Select an option:
 - Tap **Call** or press the  key to place a call.
 - Tap **Text** to send a text message.
 - Tap **More** to view the contact information, if available.
 - Tap  for more options: **Save to Contacts**, **Delete**, and **Send My Location**.

Clear Your Call History

1. Press the  key.
2. Tap .
3. Tap  > **Clear All**.

Turn Off the Phone

1. Press the  key.
2. Tap **Settings** > **Wireless Manager** > **Phone**.





Turn on Flight Mode

1. Press the  key.
2. Tap **Settings** > **Wireless Manager** > **Flight Mode**.

When Flight Mode is on, the telephone, the network, Bluetooth, and GPS features are deactivated. You cannot send or receive new e-mail or SMS/MMS messages.

Manage Your Contacts




Add a Contact

1. Press the  key.
2. Tap  >  > **New Contact**.
3. Tap an option.
4. Tap an item to enter the information.
Tap **Done** when finished.
5. Tap  to save the contact.

Call a Contact

1. Press the  key.
2. Tap .
3. Tap a contact.
4. Tap **Phone**.

Search for a Contact

1. Press the  key.
2. Tap  > .
3. Enter the contact name.

About Your Company Directory

You can search your company directory, if available. You must first set up the device to use your company's Microsoft® Exchange Server. An active Internet connection is required.


About the White Pages

You can search the regional white pages. This service may be available as a paid Connected Services subscription in your area. A data connection is required for this feature.


Search a Directory

1. Press the  key.
2. Tap  > .
3. Tap **More**.
4. Select a directory.

Navigate to a Contact




1. Press the  key.

TIP: You can also tap **Search > Contacts**.


2. Tap .
3. Select a contact.
4. Tap **Go!**.

Add a Contact to Favorites


You can include up to 18 contacts in favorites.

1. Press the  key.
2. Tap  > .
3. Tap the contact you want to add.


Copy from Contacts to Your SIM Card

1. Press the  key.
2. Tap **Settings > Applications > Phone and Contacts > SIM Manager**.
3. Tap **Menu > Retrieve from Contacts**.
4. Select the contacts that you want to copy to the SIM card, or tap **Menu > Select All**.
5. Tap **Retrieve**.


Copy Items from Your SIM Card to Contacts

1. Press the  key.
2. Tap **Settings** > **Applications** > **Phone and Contacts** > **SIM Manager**.
3. Select the SIM card contacts that you want to copy to your contacts, or tap **Menu** > **Select All**.
4. Tap **Menu** > **Copy to Contacts**.
5. Tap **Copy**.

Add Items to Your SIM Card

1. Press the  key.
2. Tap **Settings** > **Applications** > **Phone and Contacts** > **SIM Manager**.
3. Tap **New**.
4. Enter a name and phone number.
5. Tap **Done**.

Edit Items On Your SIM Card

1. Press the  key.
2. Tap **Settings** > **Applications** > **Phone and Contacts** > **SIM Manager**.
3. Select the contact that you want to edit, and tap **Menu** > **Edit**.
4. Edit the name and phone number.
5. Tap **Done**.

Search for Locations

The Search menu provides several different categories you can use to search for locations.

NOTE: Depending on the version of the built-in map data on your device, the button names and the order of steps could be slightly different than the following procedures.

Set Your Home Location

You can save a favorite called “Home” and quickly generate a route to it.


1. From the Home screen, tap **Search > Home**.
2. Tap **Enter My Address, Use Current Location, or Use Recent Finds**.

Go Home

After you have saved your home location, you can create a route to it.

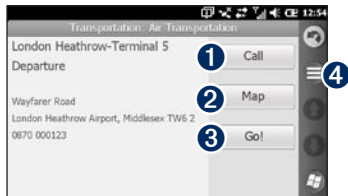
Tap **Search > Home**.

Find an Address

1. From the Home screen, tap **Search > Addresses**.
2. If necessary, tap  to change the state, country, or province.
3. To search all cities, tap **Search All Cities**. You can also tap **Spell City**, enter all or part of the name, and then tap the city in the list.
4. Enter all or part of the street name or number, and tap **Done**. Tap the street in the list.
5. Enter the house number and then tap **Done**.
6. Tap the correct address in the list.


Go! Page Options

After you find a location, an informational page appears, displaying the address and the phone number (if known) of the location.




- 1 Tap to dial the phone number of the location, if available.
- 2 Tap to view the location on the map.
- 3 Tap to create a route to the location.
- 4 Tap for more options.

Find a Nearby Location

1. Find a location.
2. On the information page, tap  > **Find Nearby**.
3. Select an option to search for a location.

Learn About Locations



A data connection is required for this feature. This service is only available in some areas.

1. Find a location.
2. On the information page, tap  > **Find Nearby** > **Connected Services** > **WikiKnow**.

The browser opens to a Web page containing information about the selected location.

Send a Found Location


You can find a location and send it to people using messaging or e-mail.

1. Find a location.
2. On the information page, tap  > **Send Location**.
3. Tap an account.
4. To attach a map of your location, tap **Yes**.
5. To edit the message, tap .
6. Tap a contact.
7. Tap send.


Change the Search Area

By default, your nūvifone finds locations near your current location.

Find a Location Near Your Route

1. From the Home screen, tap **Search**.
2. Tap  > **Near**.
3. Tap the appropriate option, and then tap **Done**.

Find a Location Near a Different City

1. From the Home screen, tap **Search**.
2. Tap  > **Near**.
3. Tap **Near Other**.
4. Tap **Spell City** or **Browse Map**.
5. Find the location, and then tap **Done**.

Find a Point of Interest

The detailed maps loaded in your nūvifone contain millions of points of interest, such as restaurants, hotels, and auto services.

Find by Category

1. From the Home screen, tap **Search > Points of Interest**.
2. Tap a category.
3. Tap a subcategory or **All Categories**. A list of items near your current location appears.
4. To narrow the search, tap the data entry field along the top of the screen, enter the text, and tap **Done**.
5. Tap the item you want.

Find by Spelling the Name

1. From the Home screen, tap **Search > Points of Interest**.
2. Tap **Spell Name**, enter all or part of the name, and tap **Done**.
3. Tap the item you want.

Find a Location Using Local Search

Local search enables you to search for the most current location information. In addition to searching by spelling the name of a location, you can also spell the names of categories, like “salon” or “coffee.”

Local Search is not available in all areas. A data connection is required for this feature.


1. From the Home screen, tap **Search > Local Search**.
2. Enter your search term, and tap **Done**.
3. Tap the item you want.

TIP: You can also search using Local Search. Tap **Connected Services > Local Search**.


Find Favorites

1. From the Home screen, tap **Search** > **Favorites**.
2. To search by name, tap the box at the top, enter all or part of the name, and tap **Done**.
3. Tap the item you want.

Save a Found Location

1. Search for an item.
2. Tap the item to open the information page.
3. Tap  > **Save to Favorites**.

Save My Current Location

1. From the Home screen, tap **View Map**.
2. Tap the vehicle icon.
3. Tap  > **Save to Favorites**.

Find Recently Found Locations

The nüvifone stores the last 40 locations you have found.


1. From the Home screen, tap **Search** > **Recent Finds**.
2. Tap the item you want.

Find a Location Using the Map

Use one of the following methods to open the map to find a location:

- Tap **Search** > **Browse Map**
- Tap **View Map** and tap anywhere on the map.

Browsing the Map

- Touch and drag to view different parts of the map.
- Tap **+** and **-** to zoom in and out.
- Tap anywhere on the map. An arrow points to the location.
- Tap  for more options.
- As you zoom out, the map changes to a digital elevation map showing the contours of the area.
- Zoom far out to view a globe.
Touch and drag to spin the globe.

NOTE: You can only see detailed map information about areas for which you have maps loaded on your nüvifone.

Find Cities

1. From the Home screen, tap **Search > Cities**. A list of cities near your current location appears.
2. To search by name, tap the edit box along the top of the screen, enter the name, and then tap **Done**.
3. Tap a city.

Find Intersections

1. From the Home screen, tap **Search** > **Intersection**.
2. If necessary, select the state, country, or province.
3. To search all cities, tap **Search All Cities**. You can also tap **Spell City**, enter all or part of the name, and then tap the city.
4. Enter all or part of the first street name or number, and then tap the street.
5. Enter all or part of the second street name or number, and then tap the street.
6. Tap the correct intersection in the list.

Enter Coordinates

If you know the geographic coordinates of your destination, you can use your nūvifone to navigate there. This can be especially helpful when geocaching.

1. From the Home screen, tap **Search** > **Coordinates**.
2. Tap a field, and enter the coordinates.
3. When finished, tap **Next**.

Find Selected Text

You can find location information for selected text in your Web browser.

1. Drag to select the text.
2. Tap the status bar.
3. From the slider menu at the top of the screen, select **Search**.
4. Select an option to find the location.

Follow Your Route

After you select a location and tap **Go!**, your nüvifone creates a route to the location. Your route is marked with a magenta line.

As you travel, your nüvifone guides you to your destination with voice prompts, arrows on the map, and directions at the top of the map. A checkered flag marks your destination.

If you deviate from the original route, your nüvifone recalculates the route and provides new directions.

A speed-limit icon may appear as you travel on major roadways. This icon displays the current speed limit of the roadway.

Use the Navigation Map

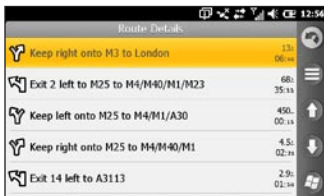
From the Home screen, tap **View Map** to open the map.



- 1 Tap to view the next turn.
- 2 Tap to view the route details.
- 3 Tap to view the Traffic menu, when available. Traffic services require an additional subscription and data plan charges.
- 4 Tap to zoom in and zoom out.
- 5 Tap anywhere on the map to browse the map.
- 6 Tap to view the Where Am I? page.
- 7 Tap to view the trip computer.
- 8 Tap to return to the Home screen.

View the Route Details

When you are navigating a route, you can view all of the turns for your entire route and the distance between turns.

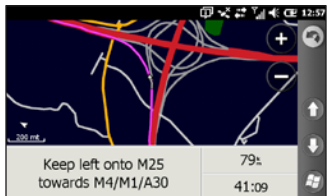



Use one of the following methods to open the route details:

- While navigating to a destination, tap the text bar on the top of the map.
- Press the  key. Tap **Tools** > **Route Details**.

See the Next Turn

When you are navigating a route, you can view the turn on the map and the distance and time left before you reach the turn.



1. While navigating to a destination, tap the turn bubble on the map, or tap any turn in the route details list.
2. Tap the arrows to see more turns in the route.
3. Tap  > **Speak** to play the voice prompt.

Junction View

When available for your route, the map displays a view of the upcoming junction and in which lane you should be driving. Tap the turn bubble on the map to view the junction instead of the next turn.


View the Trip Computer

The trip computer displays your current speed and provides helpful statistics about your trip.

If you make frequent stops, leave your nüvifone turned on so it can accurately measure elapsed time during the trip.




Use one of the following methods to open the trip computer:


- Tap **Speed**, **Arrival**, or **Heading** on the map.
- Press the  key. Tap **Tools** > **Trip Computer**.

Reset the Trip Computer

Reset the trip computer before beginning a trip.


1. While viewing the map, tap **Speed**, **Arrival**, or **Heading**.
2. Tap .
3. Select an item to reset.

Take a Detour


1. While navigating a route, tap .
2. Tap **Detour**.

If the route you are currently taking is the only reasonable option, the nūvifone might not calculate a detour.

Stop the Route

1. While navigating a route, tap .
2. Tap **Stop**.

Add Points to the Active Route

1. While navigating a route, tap the text bar at the top of the map.
2. Tap  > **Edit**.
3. Tap **Add Start Point** or **Add End Point**.
4. Select a method to add an intermediate point.



5. Tap **Done** when finished.

You can also add intermediate points to a route using the Search button.

While navigating a route, tap **Search** and find an intermediate stop. Tap **Go!**. When prompted to add the point as an intermediate point to the current route, tap **Yes**.

Save the Active Route

You can save the route you are currently navigating and use it again later.

1. Press the  key.
2. Tap **Tools > Manage My Data > Routes**.
3. Tap **Active Route**.
4. Tap  > **Save**.
5. Tap **OK**.

About Traffic

This service may be available as a paid Connected Services subscription, and is not available in all areas. A data connection is required for this feature.

NOTE: Garmin and ASUS are not responsible for the accuracy of the traffic information.

About the Traffic Icon

When you are receiving traffic information, a traffic icon appears in the upper-left corner of the Map page. The traffic icon changes color to indicate the severity of traffic conditions on your route or on the road you are currently travelling.

Transparent—traffic information not available.

Green—traffic is flowing freely.

Yellow—traffic is moving but there is a delay, moderate traffic congestion.

Red—traffic is not moving or moving very slowly, severe delay.

Traffic on Your Route

When calculating your route, the nüvifone examines the current traffic and automatically optimizes the route for the shortest time. If a severe traffic delay occurs on your route while you are navigating, the nüvifone automatically recalculates the route. You might still be routed through traffic if no better alternative routes exist.

If a non-severe traffic delay occurs on your route, the traffic icon shows how much time the delay has added to your route. This time is already included in your estimated arrival time.

Manually Avoid Traffic on Your Route

1. On the Map page, tap the traffic icon.
2. Tap **Traffic On Route**.
3. Tap **Avoid**.

You might still be routed through traffic if no better alternative routes exist.

View the Traffic Map

The traffic map shows color-coded traffic flow and delays on nearby roads.

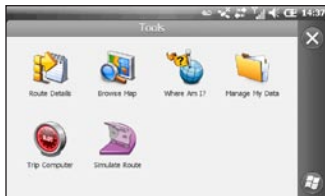
1. On the Map page, tap the traffic icon.
2. Tap **Show Traffic Map**.

To return to the normal map, tap the traffic icon, and then tap **Show Normal Map**.


View Traffic Delays


1. On the Map page, tap the traffic icon.
2. Tap **Traffic Search** to view a list of traffic delays.
3. Tap an item in the list to view the delay on a map and details about the delay. If there is more than one delay, tap the arrows to view the additional delays.

Use the Navigation Tools





Browse the Map

- Use one of the following methods to open the Browse Map:
 - Press the  key, and tap **Tools** > **Browse Map**.
 - Tap **View Map**, and then tap anywhere on the map.
- Drag to move the map.

- Tap **+** to zoom in. Tap **-** to zoom out.
- Tap a location on the map, and then tap  for more options.


Use the Where Am I? Page

The **Where Am I?** page displays information about your current location. This is a helpful feature if you need to tell emergency personnel your location.


- Use one of the following methods to open the Where Am I? page:
 - Press the  key, and tap **Tools** > **Where Am I?**
 - Tap **View Map**, and then tap the vehicle icon.
- Tap a button to view the nearest locations in that category.
- Tap  for more options.

Work with Favorites



Save a Location as a Favorite

1. Find the item you want to mark as a favorite.
2. On the Go! page, tap  > **Save to Favorites**.


Save My Current Location

1. From the Home screen, tap **View Map**.
2. Tap the vehicle icon.
3. Tap  > **Save to Favorites**.

Edit Favorites




1. Press the  key.
2. Tap **Tools** > **Manage My Data** > **Favorites**.
3. Tap a favorite.
4. Tap .
5. Make changes as needed.

Delete a Favorite



1. Press the  key.
2. Tap **Tools** > **Manage My Data** > **Favorites**.
3. Tap a favorite.
4. Tap **Delete**.

Work with Routes




Plan a Route

1. Press the  key.
2. Tap **Tools** > **Manage My Data** > **Routes**.
3. Tap  > **New**.
4. Select a starting point.
5. Select a final destination.
6. Add intermediate points as necessary, or tap **None**.
7. Tap your route calculation preference.
8. Tap  > **Save** to save the route.


Add Points to a Saved Route

1. Press the  key.
2. Tap **Tools > Manage My Data > Routes**.
3. Tap a route.
4. Tap  > **Edit/Review Points**.
5. Tap **Add Start Point** or **Add End Point**.
6. Select a method to add an intermediate point.
7. Tap **Done** when finished.


Edit a Saved Route Using the Map

1. Press the  key.
2. Tap **Tools > Manage My Data > Routes**.
3. Tap a route.
4. Tap  > **Shape Route**.
5. Tap a point on the map.
6. Tap  > **Add**.

Delete a Saved Route



1. Press the  key.
2. Tap **Tools > Manage My Data > Routes**.
3. Tap a route.
4. Tap **Delete**.

Navigate a Saved Route



1. Press the  key.
2. Tap **Tools > Manage My Data > Routes**.
3. Tap the route you want to navigate.
4. Tap **Go!**.

Simulate a Route



If the GPS is off, you can simulate driving a route.

1. Press the  key.
2. Tap **Settings** > **Navigation** > **GPS** > **GPS Status** >  > **Disable GPS**.
3. Find a destination and tap **Go!**.
4. Tap **Tools** > **Simulate Route**.

Avoid a Road or Area

1. Press the  key.
2. Tap **Settings** > **Navigation** > **Routing** > **Avoidance Setup** >  > **Custom** > **Add New Road or Add New Area**.
3. Select the road or area you want to avoid, and tap **Next**.
4. Tap **OK** to save the avoidance.

Edit Avoidances

1. Press the  key.
2. Tap **Settings** > **Navigation** > **Routing** > **Avoidance Setup** >  > **Custom** > **View List**.
3. Tap the avoidance you want to edit.
4. Select an option.



Deactivate Avoidances

1. Press the  key.
2. Tap **Settings** > **Navigation** > **Routing** > **Avoidance Setup**.
3. Clear the avoidance check box.

Work with Tracks



Record a Track

You can record the path you travel (called a “track”) and view it as a dotted line on the map.

1. Press the  key.
2. Tap **Tools** > **Manage My Data** > **Tracks**.
3. Tap  > **Settings**.
4. Select the recording options.

After you record tracks, you can save them and view them on the map.




Save a Track

1. Press the  key.
2. Tap **Tools** > **Manage My Data** > **Tracks**.
3. Tap  > **Save Active Track**.
4. Tap **Save**.

After you save a track, it is recommended that you clear the track memory by tapping **Clear Active Track**.

Saved tracks appear on the map automatically.

View and Rename a Saved Track

1. Press the  key.
2. Tap **Tools** > **Manage My Data** > **Tracks**.
3. Tap a track.
4. To view the track on the map, tap  > **Map**.
5. To rename or delete the track, tap  > **Rename**, and then select an option.

Use Connected Services

About Connected Services

Use Connected Services to search for location-relevant information such as live weather data, flight status, and photos. You can also access local search using the Internet.



Not all services are available in all areas.

Additional services are available with a subscription. For more information, go to www.garminasus.com.

Your phone must have a data connection to access Connected Services. Your regular data transfer charges apply.

Find Fuel Prices

This service may be available as a paid Connected Services subscription in your area. A data connection is required for this feature.

1. From the Home screen, tap **Connected Services**.
2. Tap **Fuel Prices**.
3. Tap  > **Change Category**.
4. Tap a fuel type, and tap . A list of fuel prices near your current location appears.
5. To sort the list by lowest price, tap Sort. To sort by distance, tap Sort again.
6. Tap an item in the list.

TIP: You can also find fuel prices under **Search > Points of Interest > Fuel > Fuel Prices**.

Find Local Events

Search for upcoming events, such as art shows and sporting events. This service may be available as a paid Connected Services subscription in your area. A data connection is required for this feature.

1. From the Home screen, tap **Connected Services**.
2. Tap **Local Events**.
3. Tap a category.
4. Tap the arrows or the date to select a different date, if necessary.
5. Tap an event to view more information.
6. To add the event as an appointment on your calendar, tap **Remind Me!**. If the event begins within two hours of the current time, you can tap **Go!** to navigate to the event.

TIP: You can also find local events by tapping **Search > Points of Interest > Entertainment > Local Events**.

Find Movie Times

This service may be available as a paid Connected Services subscription in your area. A data connection is required for this feature.

1. From the Home screen, tap **Connected Services**.
2. Tap **Movie Times**.
3. Tap the arrows or the date to select a different date, if necessary.
4. Tap **Find by Movie Title** or **Find by Movie Theater**.
5. Tap a movie title and a theatre.
6. Tap a show time to add it as an appointment on your calendar. If the movie begins within two hours of the current time, you can tap **Go!** to create a route.

TIP: You can also find movie times by tapping **Search > Points of Interest > Entertainment > Movie Times**.

Find Parking

This service may be available as a paid Connected Services subscription in your area. A data connection is required for this feature.

1. From the Home screen, tap **Search > Points of Interest > Auto Services > Connected Parking**.
2. Tap a location in the list to view more information.

Download Safety Cameras

CAUTION

Garmin and ASUS are not responsible for the accuracy of, or the consequences of using, a custom point of interest (POI) or a safety camera database.

This service may be available as a paid Connected Services subscription in your area. A data connection is required for this feature.

1. From the Home screen, tap **Connected Services**.
2. Tap **Safety Cameras**.
3. Tap a region or regions in the list, and then tap **Done**.

Use the White Pages Phone Directory

This service may be available as a paid Connected Services subscription in your area. A data connection is required for this feature.

Find by Name

1. From the Home screen, tap **Connected Services**.
2. Tap **White Pages > By Name**.
3. Enter the last name, and tap **Done**.
4. Enter the first name (optional), and tap **Done**.
5. Enter the postal code, if necessary.
6. To search near a different location, tap **Near**, and tap a location.


Find by Phone Number

This search feature is not available in some areas.

1. From the Home screen, tap **Connected Services**.
2. Tap **White Pages > By Phone Number**.
3. Enter the area code and phone number, and tap **OK**.

View GeoNews




This service may be available as a paid Connected Services subscription in your area. A data connection is required for this feature.

1. From the Home screen, tap **Connected Services**.
2. Tap **GeoNews**.
3. To select a different location, tap  **> GeoNews Near**, and select a location.
4. Tap a news service.
5. Tap an item in the list to view details.


Send and Receive Messages

Your regular messaging fees apply when sending and receiving messages.


Send an SMS/Text Message

1. From the Home screen, tap **Text**.
2. Tap  > **New** > **Text Message**.
3. Enter a recipient, or tap  > **Add Recipient** to select from your Contacts list.
4. Enter the text message.
5. Tap  to send the message.

Send a Multimedia Message (MMS)

1. From the Home screen, tap **Text**.
2. Tap  > **New** > **Multimedia Message**.
3. Tap **Select**.
4. Enter a recipient, or tap **Menu** > **Recipient** to select from your Contacts list.
5. Tap below the subject line to attach an image or video.
6. Tap **Menu** > **Insert**, and select an item to insert.
7. Tap **Send** to send the message.

Create a Voice MMS Message




1. From the Home screen, tap **Text**.
2. Tap  > **New** > **Voice MMS**.
3. Enter a recipient.
4. Tap **Record** to record the voice message.
5. Tap **Stop** to stop recording the voice message.
6. Tap **Send** to send the message.

Send a Location Message

CAUTION

Use caution when sharing your location information with others.

Location messages allow you to send your current location information to other people. Sending a map image requires MMS picture messaging support on the phones of both the sender and the receiver.

1. Create a message, and then tap  > **Location Info**.
2. Follow the instructions on the screen.
3. To attach a map of your location, tap **Yes**.
4. To edit the message, tap .
5. Tap  to send the message.



You can also send location messages when you view a contact, when you finish a phone call, or when you find a location.

Read Messages


A number appears on the Text icon showing the number of unread messages in your inbox.

1. From the Home screen, tap **Text**.
The inbox appears, containing Short Message Service (SMS) messages and Multimedia Messaging Service (MMS) notifications/messages received from other devices.
Unread messages are displayed in bold.
2. Tap a message to read it.


Reply to a Message

1. From the Home screen, tap **Text**.
2. Tap a message.
3. Tap .
4. Enter the reply message.
5. Tap  to send the message.

Forward a Message

1. From the Home screen, tap **Text**.
2. Tap a message.
3. Tap  > **Forward**.
4. Enter the number or address to which you want to forward the message.

Delete Messages

1. From the Home screen, tap **Text**.
2. Tap a message.
3. Tap  > **Delete**. The message is moved to the Deleted Items folder.

To recover a deleted message, move the message back from the Deleted Items folder.


To empty the Deleted Items folder, tap  > **Tools** > **Empty Deleted Items**.

If a message is deleted from the Deleted Items folder, it cannot be recovered.

Set Up an E-mail Account




Your nūvifone can automatically configure account information for some e-mail accounts.

If additional information is required, see your e-mail account provider.

TIP: If you have a Windows Live™ ID, you can set up your e-mail account by pressing the  key, and then tapping **Windows Live**. See [page 86](#).

1. From the Home screen, tap **E-mail**.
2. Enter your e-mail address and password.
3. Tap **Next** to obtain your e-mail settings from the Internet.
4. Follow the on-screen instructions to set up your e-mail account on your device.

Send an E-mail Message

1. From the Home screen, tap **E-mail**.
2. Tap  > **New**.
3. Enter an e-mail address in the To field, or tap  > **Add Recipient** to select from your Contacts list. Separate multiple e-mail addresses with a semicolon (;).
4. Enter your message in the message field.
5. Tap  to send the message.



If you are working offline, e-mail messages are saved to the Outbox folder and sent the next time you connect.

Read an E-mail Message

1. From the Home screen, tap **E-mail**.
2. Tap an e-mail message to view it.

Tip: To quickly show a different e-mail account, scroll the screen horizontally.

Manually Send/Receive E-mail Messages

1. From the Home screen, tap **E-mail**.
2. Tap an e-mail account.
3. Tap  > **Send/Receive**.
4. To stop this process, tap  > **Stop Send/Receive**.

Synchronize E-mail Messages

You can include e-mail messages as part of the general synchronization process. See [page 83](#). To connect directly to an e-mail server, see the ActiveSync Help file.

Connect with Friends


Use Ciao!™

A data connection is required for this feature. Ciao! is not available in all areas.

Ciao! periodically sends your location to our partner networks and downloads the most recent location of your friends. This application only submits your location when you tell it to, unless you enable automatic updates.

NOTE: Use caution when sharing your location information with others. Go to www.garminasus.com, and read the Garmin online privacy statement.


Register Your Device

1. Press the  key.
2. Tap **Ciao!**.
3. Read and accept the on-screen messages.
4. Tap **Register**. The Web browser launches.
5. Follow the steps to register your device. After registering, you will receive an SMS message for verification.
6. Open the SMS message, and tap the link to complete the verification process.



You can also register your device at www.garminasus.com.

Join Ciao!


Before you join Ciao! for the first time, you must register your device.

1. Press the  key.
2. Tap **Ciao!**.
3. Read and accept the registration information.
4. Tap a type of location update, **Manual** or **Automatic**.
5. Enter a display name, and tap **Done**.
6. Tap **Complete**. Your location is updated, and it becomes available in the network.


Change Your Display Name

1. Press the  key.
2. Tap **Ciao! > My Details**  **> Change Name**.
3. Enter a new name, and tap **Done**.


Invite a Friend by Phone Number

1. Press the  key.
2. Tap **Ciao! > Invite > Phone Number**.
3. Enter the phone number.
4. To change the country, tap the button below **Friend's Country**, and select a country.
5. Tap **Done**.
6. Select the network your friend is using. If your friend is using Ciao!, you can select any network in the list. Tap **OK**.

Accept or Decline an Invitation


1. Press the  key.
2. Tap **Ciao!**.
3. Tap the friend that sent you the invitation.
4. Tap **Accept** or **Decline**.

Update your Status

1. Press the  key.
2. Tap **Ciao!** > **My Details** > **Change Status**.
3. Enter a new status message, and tap **Done**.


Send a Location Update

1. Press the  key.
2. Tap **Ciao!** > **My Details** > **Send Update**.

To change how you update your location information, tap  > **Change Updates**, and select an option.

View Friends


Your list of friends shows the status, distance to, and direction to your friends.

1. Press the  key.
2. Tap **Ciao!**.
3. Tap a friend in the list. The status and location information for the friend appears.
4. Tap **Go!** to create a route to the friend, or tap **Map** to view the friend's location on the map.

To view all of your friends on the map, tap **Ciao!** >  > **View Map**.

Remove an Invitation

If a friend is marked **Invited**, you have invited the friend, but the friend has not accepted or declined the invitation.



1. Press the  key.
2. Tap **Ciao!**.
3. Tap an invited friend in the list.
4. Tap **Remove Invitation**.

Hide Your Location

Tap **Ciao!** >  > **Hide**. Your current location is hidden from your friends.

To stop hiding, tap **Ciao!** >  > **Stop Hiding**.

Remove a Friend

1. Press the  key.
2. Tap **Ciao!**.
3. Tap a friend in the list, and tap  > **Remove**.
4. Tap **Yes**.

View Ciao! Networks

1. Press the  key.
2. Tap **Ciao!** >  > **Privacy** >  > **Networks**.

Disable Ciao!

1. Press the  key.
2. Tap **Ciao!** >  > **Privacy** >  > **Disable Ciao!**.

All the Ciao! information stored on your device is removed. You no longer send any position updates.

To enable Ciao!, you must join Ciao! again.



Connect with Friends on Facebook™

Facebook is not available in all areas. Before using Facebook, you need to create a Facebook account. Tap **Sign up** and follow the on-screen directions to create an account, if necessary.


Sign In to Facebook

1. From the Home screen, tap **Facebook**.
2. Enter your e-mail and password.
3. Tap the check box next to **Save Login**, if necessary.
4. Tap **OK**.
5. Read the terms of use, and tap **I Agree**.


Update your Status

1. From the Home screen, tap Facebook.
2. Tap  > **Update** > , and enter your status update.
3. Tap **Post**.

Send a Message


1. From the Home screen, tap **Facebook**.
2. Tap  > **Compose**.
3. Tap **Add**, and select a contact.
4. Tap next to **Subject**, and enter a subject.
5. Tap the main area to enter the message.
6. Tap **Send**.

Use Messenger


1. Press the  key.
2. Tap **Messenger** and sign in. (See [page 86](#).)
3. Update your status and communicate with your contacts.

Use the Browser

Search the Internet

1. From the Home screen, tap **Internet Explorer**.
2. Tap the **Web** tab, if necessary.
3. Enter a search term or a URL, and tap .
4. Tap the Web site you want to open.

Look Up a Term in a Wiki Web Site

1. From the Home screen, tap **Internet Explorer**.
2. Tap the **WiKiKnow** tab.
3. Enter a search term, and tap .



Use the Browser

Tap  to show the browser controls.






- 1 Tap to open and edit your list of favorite Web sites.
- 2 Tap to open the URL.
- 3 Tap to zoom in and out.
- 4 Tap to return to the previous Web page.
- 5 Tap to open the keyboard.
- 6 Tap to access more options.

Adjust the Web Page View

1. From the Home screen, tap **Internet Explorer**.
2. Tap  > .
3. Tap **View**.
4. Select a view:
 - **Mobile**—display Web pages designed for viewing on mobile devices.
 - **Desktop**—display Web pages as they appear when using a desktop computer.
 - **Automatic**—automatically display the Web pages in the optimal view.

Save a Web Page to Favorites

1. From the Web page you want to add, tap  >  > .
2. Enter a name, if necessary.
3. Tap **OK**.


Read the News

Use Newstation


Newstation delivers breaking news and headline news to your device by retrieving the most current news from various Internet news sources.

Your device must be connected to the Internet to use Newstation.

Automatically Update Articles


1. Press the  key.
2. Tap **Newstation**.
3. Tap **Menu** > **Settings**.
4. Select an option to set the automatic update parameters.

Manually Update Articles


1. Press the  key.
2. Tap **Newstation**.
3. Tap a category.
4. Tap **Menu**.
5. Tap **Update** to update the RSS feeds in the selected channel, or tap **Update All** to update the RSS feeds for all channels.

Your news articles are stored as RSS news feeds on your device. You may read the articles without being connected to the Internet.


Read News Articles

1. Press the  key.
2. Tap **Newstation**.
3. Tap a category and a channel.
4. Tap an article.
5. Tap **Menu** for more options.


Create a New Category

1. Press the  key.
2. Tap **Newstation**.
3. Tap **Menu > New Category**.
4. Enter a category name.


Add a Channel

1. Press the  key.
2. Tap **Newstation**.
3. Tap a category.
4. Tap **Menu > New Channel**.
5. Select an import method:
 - Tap **Input from URL**, enter the URL address, and tap **Next**.
 - Tap **Import from a file > Next**. Select a folder and a file. Select a channel, and tap **Next**.
6. Select a category for this new channel.
7. Tap **Finish**.

Edit a Channel


1. Press the  key.
2. Tap **Newstation**.
3. Tap a category, and tap a channel.
4. Tap **Menu > Properties**.
5. Change the information for the channel.
6. To automatically update the selected channel, select the **Auto update this channel** check box.
7. Tap **Done** when you are finished.

Export Content


1. Press the  key.
2. Tap **Newstation**.
3. Tap **Menu**, and select an item to export.
4. Enter the necessary information.

Set Up SMS Cell Broadcast

If SMS Cell Broadcast is supported by your service provider and region, you can receive text messages broadcast to multiple subscribers in the area.

1. Press the  key.
2. Tap **Settings > Personal > Phone**.
3. From the slider menu at the top of the screen, select **Channel**.
4. Select the **Enable SMS Cell Broadcast** check box.
5. Tap **Set Languages**, select one or more languages, and tap **OK**.
6. Tap **Set Channels**, select one or more channels, and tap **OK**.

Add a New Channel

1. Press the  key.
2. Tap **Settings > Personal > Phone**.
3. From the slider menu at the top of the screen, select **Channel**.
4. Tap **Set Channels > New**.
5. Enter the channel name and number, and tap **OK**.

Play Music

The music player supports the following file types:



- MP3
- WMA
- AAC/AAC+
- WAV

The music library automatically includes all songs you have saved in all of the following locations:


- My Documents\My Music
- My Storage\My Music
- Storage Card\My Music

For more information on copying files from your computer to your device, see ActiveSync Help on your computer.



Play a Song

1. From the Home screen, tap **Music** > .
2. Tap a category. Drag the slider menu at the top of the screen to view more categories.
3. Tap a subcategory, if necessary.
4. Tap a song in the list. The music player plays the song and the following songs in the list.
5. Tap the progress bar and drag to jump to a different point in the song.
6. Tap  for more options.

Use the Headset to Control Playback

1. Plug the headset into the headset jack on top of the phone.
2. From the Home screen, tap **Music** > , and play a song.
3. If you are listening to music in the background while you are using another application, press the headset button once to begin controlling music playback.
4. Use the controls on the headset cable:
 - Press the button once to pause the song, and to resume playback.
 - Press the button twice to skip to the next song in the list.
 - Turn the knobs on the headset cable to adjust the volume.


Save a Song as a Ring Tone

1. From the Home screen, tap **Music** > .
2. Select a song.
3. Tap  > **Save as Ring Tone**.
4. Touch and drag the pointers to select the portion of the song you want to save as a ring tone.
5. Tap **Preview** to play a preview of the selected portion of the song.
6. Tap **Save**.


Take and View Pictures and Videos

NOTE: Remove the plastic film from the camera lens before using the camera.

Take a Picture







1. From the Home screen, tap **Camera**.
2. Aim the viewfinder.
3. Tap  to take a picture.

Take a Picture with GPS Information




1. From the Home screen, tap **Camera**.
2. Tap  >  > **GPS**.
3. Aim the viewfinder, and tap .

Record a Video







1. From the Home screen, tap **Camera**.

2. Tap  > .
3. Tap **Video** or **MMS Video**.
4. Tap  to zoom in or  to zoom out.
5. Tap  to start recording the video.
6. Tap  to stop recording the video.

Send a Picture or Video



1. After taking the picture or video, tap  for more options.
2. Tap **Send via e-mail** or **Send via MMS**.
3. Enter a recipient, or tap  > **Add Recipient** to select a contact.
4. Enter a message, and tap .

Change the Camera and Video Settings

1. From the Home screen, tap **Camera**.
2. Tap  for more options.
 - —adjust the exposure.
 - —adjust the White Balance. Select a setting, such as **Sunny** or **Cloudy**, to achieve the color that you want in your photos.
 - —select to take **3 Pictures** with each tap or only 1 (**Off**).
 - —open the advanced camera settings.
 - —open Media Gallery.

Change the Advanced Settings

Some settings are only available in Camera or Video mode.

1. From the Home screen, tap **Camera**.
2. Tap  > .
 - **Resolution**—select a quality. The finer the quality, the larger the file size.
 - **Self-timer**—select a count-down time for taking self-portraits.
 - **Effect**—select an effect: **None**, **Black-and-White**, **Negative**, or **Sepia**.
 - **Metering Range**—select a metering range.
 - **Wide Screen**—turn on to take wider pictures.
 - **Shutter Sound**—play a sound when you take a photo.

- **Preview Time**—select a length of time to preview the pictures you take prior to saving them.
- **Recording Format**—select a video recording format: **MP4**, **3GP**, or **H264**.
- **Recording with Audio**—select to record video with or without audio.
- **Save To**—select the location to which you want to save the pictures you take.
- **Power Saving Mode**—select a length of time before the camera will go into power saving mode.
- **AC Frequency**—select a frequency.
- **Restore Defaults**—restore the original settings.

Copy Pictures and Videos to Your Device

Copy pictures and videos from your computer to the following folders on your device:


- \My Documents\My Pictures
- \My Storage\My Pictures
- \Storage Card\My Pictures

For more information on copying files from your Computer to your device, see ActiveSync Help on your Computer.


Your device supports the following file types:

- Picture: JPG, PNG, BMP, GIF
- Video: 3GP, WMV, MP4, H264


View Pictures

1. From the Home screen, tap **Media Gallery**.
2. From the slider menu at the top of the screen, select a category, if necessary.
3. Drag vertically to view additional pictures, if necessary.
4. Tap a picture.
 - Tap **+** to zoom in. Tap **-** to zoom out. Touch and drag to quickly zoom.
 - Double-tap the picture to zoom in to the maximum level. Double-tap to zoom out.
 - After you zoom in, drag to view different areas of the picture.
 - Touch and drag horizontally to view other pictures.
5. Tap the screen to view additional buttons.
6. Tap  to view more options.

Delete a Picture or Video

1. From the Home screen, tap **Media Gallery**.
2. Tap a picture.
3. Tap the screen to view additional buttons.
4. Tap .




View a Slideshow

1. From the Home screen, tap **Media Gallery**.
2. Tap a picture.
3. Tap the screen to view additional buttons.
4. Tap .

Slideshow Tips


- Tap the screen to display the Slideshow controls.
- Rotate the device to change the orientation of the pictures in the slideshow.

Play a Video


1. From the Home screen, tap **Media Gallery**.
2. From the slider menu at the top of the screen, select a category, if necessary.
3. Tap a video.
4. Tap .
5. Tap the screen to view the video controls.
6. Drag the progress bar to jump to a different spot in the video.
7. Tap  to delete the video from the device memory.
8. Tap  for more options.

Upload Pictures and Video


If you have a Gmail™ or Google Mail™ Web mail service, you can upload pictures and video to Picasa™ photo organizing software.

1. From the Home screen, tap **Media Gallery**.
2. From the slider menu at the top of the screen, select a category, if necessary.
3. Tap a picture or a video.
4. Tap  > **Send and Upload > Picasa Web Albums**.
5. Enter your account information, if necessary, and tap **Done**.
6. Tap **Caption**, and enter a caption for the image or video, if necessary.
7. Tap **Upload**.

Change Media Gallery Settings

1. Press the  key.
2. Tap **Settings** > **Applications** > **Media Gallery**.
3. Select an item to change.

Play a Video Stream

1. Press the  key.
2. Tap **Streaming Player** > **Open**.
3. Tap **Connect with tracking history or manual input**, manually enter the stream URL, or select it from the drop-down list in the History link.
4. To select a link from a bookmark, tap **Connect with Bookmark**.
5. Tap **Connect** to start streaming.

Play a Stream at a Specific Point

1. Play a stream from the network.
2. Touch and drag the slider to where you want to continue playback (on-demand streaming only).

Manage Bookmarks

1. While the stream is playing, tap **Menu** > **Add to Bookmark**.
2. Tap **Menu** > **Bookmark Manager** to manage the Bookmarks and create new folders.
3. While adding/editing a bookmark entry, confirm or change the name and select a folder in which to store the bookmark entry.

MPEG-4 EULA

This product is licensed under the MPEG-4 Visual Patent Portfolio License for the personal and non-commercial use of a consumer for (i) encoding video in compliance with the MPEG-4 visual standard (“MPEG-4 Video”) and/or (ii) decoding MPEG-4 video that was encoded by a consumer engaged in a personal and non-commercial activity and/or was obtained from a video provider licensed by MPEG LA to provide MPEG-4 video. No license is granted or shall be implied for any other use. Additional information including that relating to promotional, internal, and commercial uses and licensing may be obtained from MPEG LA, LLC. See www.MPEGLA.com.

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Organize Your Life

Synchronize your phone with your computer to keep your task list and calendar up-to-date in both locations.



Use the Calendar

Use the calendar to schedule appointments. If you use Microsoft Office® Outlook® on your computer, you can synchronize your calendar between your phone and computer. See [page 83](#).



View Appointments


1. Press the  key.
2. Tap **Calendar**.
3. Drag the screen horizontally to view a different date.

Schedule an Appointment

1. Press the  key.
2. Tap **Calendar** >  > **New Appointment**.
3. Enter information about the appointment.
4. To make this appointment recurring, tap **Occurs**, and select an option.
5. Tap **OK**.

Change the View

1. Press the  key.
2. Tap **Calendar** >  > **View**.
3. Select a view, such as **Agenda** or **Month**.

TIP: To quickly change the view, tap .



Navigate to an Appointment


You can create a route to an appointment in your calendar.

1. From your calendar, tap an appointment.
2. Tap **Menu > Location Info**.
3. Select an option to find the appointment location.
4. Tap the location.
5. Tap **Go!**.

Check Flight Status

This service may be available as a paid Connected Services subscription in your area. A data connection is required for this feature.



1. Press the  key.
2. Tap **Flight Status**.
3. To view flight information from an airport in another city, tap  > **New City**.

4. Tap an airport in the list.
5. Select an option to find a flight:
 - **Flight Number**—enter a flight number, and then tap **Done**. Tap a flight in the list.
 - **Departures**—tap an option, enter the appropriate data, and then tap a flight in the list.
 - **Arrivals**—tap an airline, and then tap a flight in the list.
6. If your flight has multiple connections, tap  > **Next Leg**, and then tap the next flight.

TIP: You can also check the flight status by tapping **Search > Points of Interest > Transportation > Flight Status**.

Check the Weather

A data connection is required for this feature.


1. Press the  key.
2. Tap **Weather**. Weather data for your current location appears.
3. Select an option:
 - To view details, tap a day.
 - To show weather for a different location, tap  > **New City**, and spell a city name.

View Weather for Other Cities



1. Press the  key.
2. Tap **Weather** >  > **Add and Remove Cities** > **Add**.
3. Enter the city name, and tap **Done**.

TIP: To change the units of measure, see [page 96](#).

View Stock Information

1. Press the  key.
2. Tap **MSN Money**.
3. Tap **Refresh** to update the stock prices.



Add a Stock

1. Press the  key.
2. Tap **MSN Money** > **Menu** > **Settings** > **Add Stock**.
3. Tap the data entry field at the top of the screen.
4. Enter the stock name, and tap **Search**.
5. Tap  to add the stock.

Use Tasks

The task list is your “things to do” list. If you use Microsoft Office Outlook on your computer, you can synchronize tasks between your phone and computer. See [page 83](#).




Create a Task

1. Press the  key.
2. Tap **Tasks** >  > **New Task**.
3. Enter the task name and details, and tap **OK**.

Mark a Task as Completed




1. Press the  key.
2. Tap **Tasks**.
3. Tap the check box next to the task.

Filter and Sort the Task List



1. Press the  key.
2. Tap **Tasks** >  > **Sort by**.
3. Select a sort option or  > **Filter**, and select a category.

Use the Alarms




Set an Alarm

1. Press the  key.
2. Tap **Clock** >  >  > **Add Alarm**.
3. Use the arrows to set the alarm time.
4. Customize the alarm as necessary.
5. Tap **Done** to save this alarm.

Turn Off an Alarm

1. Press the  key.
2. Tap **Clock** > .
3. Clear the check box next to the alarm.




Edit an Alarm

1. Press the  key.
2. Tap **Clock** > .
3. Tap  next to the alarm you want to edit.
4. Edit the alarm as needed.
5. Tap **Done** to save the changes.

Delete an Alarm




1. Press the  key.
2. Tap **Clock** > .
3. Tap  next to the alarm you want to delete.
4. Tap  > **Delete Alarm**.

Add a World Clock




1. Press the  key.
2. Tap **Clock** >  >  > **Add World Clock**.
3. Tap a region, and tap **Next**.
4. Tap a city, and tap **Done**.

The city now appears in the World Clock list. The time in that city is listed in the far-right column.



Delete a World Clock

1. Press the  key.
2. Tap **Clock** >  >  > **Delete**.
3. Select the clock you want to delete, and tap **OK**.

Use the Count-down Timer


1. Press the  key.
 2. Tap **Clock** > .
 3. Tap the arrows to set the timer.
 4. Tap **Ringtone**, select a ringtone, and tap .
- NOTE:** You must have the system volume turned on to hear the timer ringtone.
5. Tap **Start** to begin the count-down.

Use the Stopwatch

1. Press the  key.
2. Tap **Clock** >  > **Start**.
3. Tap **Lap** to mark a lap.
4. Tap **Stop**.
5. To reset the stopwatch, tap **Reset**. This will clear your lap information.

Convert Currency

A data connection is required for this feature.


1. Press the  key.
2. Tap **Currency Converter**.
3. To change the currency, tap a currency button, and tap a currency.
4. Repeat to change the second currency.
5. Tap the rectangle below the currency you want to convert.
6. Enter the number, and tap **Done**.

Update Conversion Rates




1. Press the  key.
2. Tap **Currency Converter**.
3. Tap **Update**.

The nūvifone accesses Connected Services to update the conversion rates.


Use the Calculator

1. Press the  key.
2. Tap **Calculator**.
3. Tap the calculator to perform the calculation.

Type a Note

1. Press the  key.
2. Tap **Notes** >  > .
3. Use the keyboard to type your note.
4. Tap **OK** to save the note.





Delete a Note

1. Press the  key.
2. Tap **Notes**.
3. Tap and hold the note you want to delete until the menu appears.
4. Tap **Delete** > **Yes**.


Set the Default Input Mode for Notes

1. Press the  key.
2. Tap **Notes** >  > **Options**.
3. Tap **Typing** for the Default mode.
4. Tap **OK** when finished.

Record a Voice Note

1. Press the  key.
2. Tap **Notes**.
3. Tap  > **View Recording Toolbar**.
4. Tap  to begin recording.
5. Place the receiver near your mouth or another source of sound.
6. Tap  when finished recording.

View Adobe® PDFs


1. Press the  key.
2. Tap **Adobe Reader LE**.
3. Tap the file to open it.
4. Tap **Tools** to zoom, find keywords, adjust the view, and go to a specific page.

Download Applications

Use the Windows® Marketplace to download and install applications.

1. Press the  key.
2. Tap **Marketplace**.
3. Follow the on-screen instructions.


Access Your nüvifone Data Using Your Computer

1. Press the  key.
2. Tap **Microsoft My Phone**.
3. Enter your Windows Live e-mail address and password.
4. Tap **Sign In**.
5. Tap **Next** and follow the on-screen instructions to complete the enrollment.

After you are enrolled, you can access the data that is on your phone using your computer at <http://myphone.microsoft.com>.

Use Microsoft Office Mobile

Your device comes with pre-installed Microsoft Office Mobile applications. These applications are compatible with the Microsoft Office 2007 PC versions. Use these applications like you would normally use the Office applications on your computer.

1. Press the  key.
2. Tap **Office Mobile**.
3. Tap an application.
4. Tap a file to open it, or tap **New** to create a new file.
5. Tap **Menu** to access more options.
6. Tap **OK** to save and close the file.

NOTE: You can only view PowerPoint® presentations on your nüvifone. You cannot create or edit presentations.


Backup and Restore Files

NOTICE

Some system functions may be suspended or terminated during the backup process or the restore process. When finished, restart your device to revive suspended functions.


Backup

NOTE: If you enter a password when you create the backup file, you will need the password to restore the backup file.

1. Press the  key.
2. Tap **Backup > Backup**.
3. Select the items you want to back up, and tap **Next**.
4. Follow the on-screen instructions to create the backup file.


TIP: Backup POIs, Favorites, settings, contacts, and bookmarks before updating the nüvifone software.

Restore

1. Press the  key.
2. Tap **Backup > Restore**.
3. Select the backup file you want to restore, and tap **Next**.
4. Follow the on-screen instructions to restore the backup file.

Search for Files

Search for files and other items stored in your device. You can search by file name or by words located in various applications.

1. Press the  key.
2. Tap **Search Phone**.
3. Enter the file name or a word.
4. Select the data type.
5. Tap **Search**.

Synchronize Your nüvifone

You can synchronize contents and transfer data between your device and your computer using Microsoft ActiveSync on Windows XP operating systems.

During synchronization, ActiveSync compares the data in your device with the data in your computer or Exchange Server, and updates all data with recent changes.

For detailed information about ActiveSync, see the ActiveSync Help file.

To synchronize on Windows Vista operating systems, use Microsoft Windows Mobile Device Center. Go to www.microsoft.com/windowsmobile/devicecenter.mspx.

Install and Configure ActiveSync on Your Computer

1. Insert the Getting Started CD-ROM in your computer's CD-ROM drive.
2. Follow the on-screen instructions.
3. Connect your device to the computer using the micro-USB cable or Bluetooth technology. See [page 88](#).
4. Follow the on-screen instructions to complete the wizard.
5. Disconnect the device after the synchronization is complete.

If you set your nüvifone to ActiveSync mode, each time you connect your nüvifone to your computer, your nüvifone is automatically synchronized with your computer.

Synchronize Using the USB Cable


1. Install ActiveSync on your computer.
2. Connect the micro-USB plug to the micro-USB connector on the side of the device.
3. Connect the other end of the USB cable to your computer.
4. If the USB Connection Mode page appears, tap **ActiveSync > OK**. ActiveSync synchronizes your device.

NOTE: To synchronize media files, such as music and video files, you must use a USB cable, not a Bluetooth connection.

Synchronize Using Bluetooth® Technology


Your computer must have a Bluetooth component to synchronize using Bluetooth technology.

NOTE: To synchronize media files, such as music and video files, you must use a USB cable, not a Bluetooth connection.

1. Enable Bluetooth on your computer.
2. Connect your nūvifone with your computer using Bluetooth. See [page 88](#).
3. On the nūvifone, press the  key.
4. Tap **ActiveSync > Menu > Connect via Bluetooth**.
5. When connected, tap **Sync** to synchronize data.

Enable the USB Connection Mode Page

The USB Connection Mode page allows you to select a USB connection mode when you connect your device to your computer using a USB cable.

1. Press the  key.
2. Tap **Settings** > **Connections** > **USB Setting**.
3. Select the **Ask When I Connect Device** check box.
4. Connect the micro-USB plug to the micro-USB connector on the side of the device.
5. Connect the other end of the USB cable to your computer. The USB Connection Mode page appears.
6. Select an option.
7. Tap **OK**.

Mass Storage Mode

NOTICE

If you are not sure about the purpose of a file, do **NOT** delete the file. Your nüvifone memory contains important system files that should **NOT** be deleted. Be especially cautious of files located in folders entitled “Garmin” or “System.”


You can use mass storage mode when the computer does not have ActiveSync installed.

Synchronize with an Exchange Server

ActiveSync can also synchronize over a wireless or mobile network with Microsoft Exchange Server, which allows you to sync your e-mail messages. Your mobile phone service or company must be running Microsoft Exchange Server with Exchange ActiveSync. You may need to contact your network administrator for Exchange Server information.

For detailed information about ActiveSync, see the ActiveSync Help file.

Synchronize with Your Windows Live Account

1. Press the  key.
2. Tap **Windows Live**.
3. Tap **Sign In**.
4. Read and accept the terms of use.
5. Select an option:
 - Enter your Windows Live e-mail and password, and tap **Next**.
 - Tap **Get a Windows Live ID**.
6. Follow the on-screen instructions to synchronize your Windows Live account on your nūvifone.

Connect with Other Devices

About Bluetooth

Bluetooth wireless technology establishes a wireless connection between devices, such as a computer with Bluetooth technology and the nūvifone. To pair and connect, both devices must be turned on and be within 10 meters of each other.

With Bluetooth enabled in your device, you can synchronize, transfer files, and share services.


Turn On Bluetooth Technology

1. Press the  key.
2. Tap **Settings > Wireless Manager > Bluetooth**.

TIP: When not in use, turn off Bluetooth to conserve battery power.

Make Your nūvifone Visible


Other devices with Bluetooth capabilities can detect your device and attempt to send information to it, establish a partnership, or use a Bluetooth service.

1. Press the  key.
2. Tap **Settings > Connections > Bluetooth**.
3. From the slider menu at the top of the screen, select **Mode**.
4. Select the **Turn on Bluetooth** check box, select the **Make this device visible to other devices** check box, and then tap **OK**.

If you do not want your nūvifone to be visible to other devices, clear the **Make this device visible to other devices** check box.

Add a Bluetooth Device

The first time you use two devices together, you must “pair” them by establishing a relationship using a PIN/passkey.

1. Enable the Bluetooth component and Find Me/Discoverable/Visible mode on the device to which you are connecting. These settings might be in a Bluetooth, a Connections, or a Hands-free menu.
2. On the nüvifone, press the  key.
3. Tap **Settings** > **Connections** > **Bluetooth**.
4. From the slider menu at the top of the screen, select **Devices**.
5. Tap **Add new device**.
6. Select the device you want to connect to, and tap **Next**.


7. Enter the alphanumeric passkey of the device you want to connect to, and tap **Next**. You can find the passkey in the documentation that came with the target device.
8. Enter the display name for this connection.

NOTE: The Bluetooth passkey for the nüvifone is **1234**.

After the initial pairing, the two devices can connect automatically each time you turn them on.

Send Files

You can send files to another device using Bluetooth wireless technology.

1. Pair and connect the nūvifone with the device you want to exchange files with.
2. Press the  key.
3. Tap **File Explorer**.
4. Select the file, and tap **Menu > Beam File**. A list of Bluetooth devices appears.
5. Select a device in the list. The file is sent.


Receive Files

To be able to receive files, enable Bluetooth technology and make the device visible.


Use Internet Sharing

Use Internet Sharing to allow your computer to use the nūvifone Internet connection. Internet Sharing eliminates the need to have a separate data plan for Internet on your computer.

Your phone must have a data connection. Your regular data transfer charges apply.

1. Connect your nūvifone to your computer using the USB cable.
2. Press the  key.
3. Tap **Internet Sharing**.
4. Tap **Connect**.
5. Use the Internet on your computer.


Manage Wireless Connections

1. Press the  key.
2. Tap **Settings > Wireless Manager**.
Wireless Manager shows the connection status of your device.
3. Tap an option to enable or disable it.
The icon is yellow when enabled.

Change Connection Settings

1. Press the  key.
2. Tap **Settings > Wireless Manager > Settings**.
3. Select an option to adjust those settings.

Automatically Turn Connections On and Off

1. Press the  key.
2. Tap **Settings > Wireless Manager > Settings > Auto Switch Settings**.
3. Tap the check boxes to automatically turn on and off the phone, Wi-Fi, and Bluetooth.
4. Enter the days and the times.
5. Tap **Done**.

Set Up a Wi-Fi Connection

1. Press the  key.
2. Tap **Settings > Wireless Manager > Wi-Fi**.
3. Move to a Wi-Fi hot spot.

Enable Wi-Fi Sharing


With Wi-Fi Sharing on, you can share your network connection with others, making your device a Wi-Fi router.

1. Connect the nūvifone to the other device.
2. Move to a Wi-Fi hot spot.
3. On the nūvifone, press the  key.
4. Tap **Settings > Wireless Manager > Wi-Fi Sharing > OK > Connect**.
The other device, such as your laptop, can now use your Wi-Fi connection.

Exchange Files Using FTP

You can exchange files between two Bluetooth devices by enabling the file transfer server and/or client.


Configure the File Transfer Services

1. Press the  key.
2. Tap **Settings > Connections > Bluetooth**.
3. From the slider menu at the top of the screen, select **FTP**.
4. Change the root directory, if necessary. The remote client is not able to view files outside of this directory.
5. Select the **Use server authorization** check box, if necessary.
6. Tap **OK**.


Customize Your nüvifone

Adjust the Screen Settings

Adjust the Brightness

1. Press the  key.
2. Tap **Settings** > **System** > **Brightness**.
3. Adjust the brightness for when the device is running on battery power and on external power.

Adjust the Backlight Timeout


1. Press the  key.
2. Tap **Settings** > **System** > **Backlight**.
3. Adjust the backlight for when the device is running on battery power and on external power.

Keep the Backlight on When Navigating


1. Press the  key.
2. Tap **Settings** > **Navigation** > **Backlight Override**.
3. Select the **On When Navigating** check box.

Align the Screen

Align (calibrate) the screen to ensure that the item you tap on the screen is selected.

1. Press the  key.
2. Tap **Settings** > **System** > **Screen**.
3. From the slider menu at the top of the screen, select **Alignment**.
4. Tap **Align Screen**, and follow the on-screen instructions.

Adjust the Color Mode


1. Press the  key.
2. Tap **Settings** > **Navigation** > **Color Mode**.
3. Select **Day** (light background), **Night** (dark background), or **Auto**.

Access the System Volume

You can change the sound levels for customized profiles, ring tones, ring types, system events, notifications, screen taps, and hardware buttons.


1. Press the  key.
2. Tap **Settings** > **Sound**.

Rearrange the Start Menu


1. Press the  key.
2. Touch and drag an icon.
3. Drag the icon and drop it in the new location.

Customize the Home Screen

Change the Home Screen Theme

1. Press the  key.
2. Tap **Settings** > **Appearance** > **Theme**.
3. Select a theme for the Home screen.



Change the Idle Screen Image


1. Press the  key.
2. Tap **Settings** > **Appearance** > **Idle Screen Image**.
3. Tap **Picture**.
4. Use the arrows to select a picture for the wallpaper.

Edit the Home Screen

Shortcuts


You can include up to 45 shortcuts on the Home screen.

1. Touch and drag any icon in the middle section of the Home screen for two seconds.
2. Drag an icon to a new location or to the trash can.
3. To add an icon, tap . Select an application, and tap **Add**.
4. Tap  to save your changes.

To restore the Home screen to the original layout, tap .


Customize the Phone Settings

Change the Profile


1. Press the  key.
2. Tap **Settings** > **Sound** > **Profile**.
3. Tap a profile to use, such as **Normal** and **Silent**.

NOTE: If you select Auto mode, your device automatically changes the profile to Normal or Meeting mode according to the schedule set in your Outlook calendar.


Set the Ring Tone

1. Press the  key.
2. Tap **Settings** > **Sound** > **Ring Tone**.
3. Select a ring tone.
4. Tap **Play** to play the selected ring tone.

Set the Ring Type


1. Press the  key.
2. Tap **Settings** > **Sound** > **Ring Type**.
3. Tap a ring type, such as **Vibrate and Ring**.

Change the Advanced Sound Settings

1. Press the  key.
2. Tap **Settings** > **Sound** > **Advanced**.
3. From the slider menu at the top of the screen, select **Sounds**.
4. Select the events for which you want to enable sounds.
5. Tap **OK**.


Change Notifications

You can assign sounds and notification messages to certain events, such as missed calls and reminders.

1. Press the  key.
2. Tap **Settings** > **Sound** > **Advanced**.
3. From the slider menu at the top of the screen, select **Notifications**.
4. Select an event for which you want to assign a notification.


5. Select the notification type.
6. Tap **OK**.

Set Vibrations for Screen Taps

1. Press the  key.
2. Tap **Settings** > **Sound** > **Advanced**.
3. From the slider menu at the top of the screen, select **Vibrations**.
4. Select the **Screen taps** check box.
5. Select a vibration type.
6. Tap **OK**.


Automatically Answer Phone Calls

Answer calls automatically when a headset is attached.

1. Press the  key.
2. Tap **Settings** > **Personal** > **Phone**.
3. From the slider menu at the top of the screen, select **Auto Answer**.
4. Select the check box to enable the auto answer function.

5. Select how long the device will wait before answering the call.
 6. Tap **OK**.
3. Tap the drop-down box, select a region, and tap **OK**.


Activate Connection Alert

1. Press the  key.
2. Tap **Settings > Personal > Phone**.
3. From the slider menu at the top of the screen, select **Call Setting**.
4. Select an alert indication when the call is answered.

Adjust Your Regional Settings

Your units of measure are determined by the region you select.


Select a Region

1. Press the  key.
2. Tap **Settings > System > Regional Settings**.


TIP: To further customize the units of measure, from the slider menu at the top of the screen, select an item, and make the adjustments.

4. Restart the nūvifone.


Change the Navigation Units of Measure

1. Press the  key.
2. Tap **Settings > Navigation > General**.
3. Select units of measure for distance and speed, direction, elevation, and temperature.

Lock the Phone with a Password

1. Press the  key.
2. Tap **Settings** > **Personal** > **Lock**.
3. Select the check box next to **Prompt if phone unused for**, and select the length of time.
4. Select a **Password Type**.
5. Enter the password and enter it again to confirm.
6. If necessary, tap **Hint** and enter a hint.
7. Tap **OK** to save the changes.

Change the Power Settings


1. Press the  key.
2. Tap **Settings** > **System** > **Power**.
3. Tap **Advanced**.
4. Configure how the nūvifone will automatically turn off when running on battery power and external power.

Configure Your Phone Network Profile


If the network settings for your phone service provider are not detected when you install the SIM card, you can select the network.

GPRS, WAP, and MMS settings are also configured by the Network Setting.

Automatic Configuration

1. Press the  key.
2. Tap **Settings > Connections > Network Setting**.
3. Tap **Auto Detect** to detect the mobile phone service provider according to your SIM card.
4. Tap **Done**.

Manual Configuration

1. Press the  key.
2. Tap **Settings > Connections > Network Setting**.
3. Select your country.
4. Select your mobile phone service provider.
5. Tap **Done**.


Switch Between GSM and 3G Networks

Choose the right network type for your SIM card.

1. Press the  key.
2. Tap **Settings > Connections > GSM/3G Networks**.
3. From the **Network** box, tap a network or tap **Automatic**. 3G network has priority over GSM network when **Automatic** is selected.
4. Tap **OK**.


Adjust the Navigation Settings

Adjust the Map Settings

1. Press the  key.
2. Tap **Settings** > **Navigation** > **Map**.
3. Tap a setting to adjust it.
 - **Map Detail**—adjust the amount of detail shown on the map. Showing more detail may cause the map to redraw slower.
 - **Orientation**—select **3 Dimensional** to display the map in 3 dimensions (3D) with your direction of travel at the top; **Track Up** to display the map in two dimensions (2D) with your direction of travel at the top; or **North Up** to display the map in 2D with North at the top.
 - **Show Location**—show your location on the nearest road or at your GPS location.


- **Auto Zoom**—select **Enabled** to have the map automatically zoom to show the next turn on the map.
- **Show Speed Limit**—select **Yes** to display the speed limit as you travel on major roadways.
- **Vehicle**—select an icon used to display your position on the map.

Change the Routing Settings


1. Press the  key.
2. Tap **Settings** > **Navigation** > **Routing**.
3. Tap a setting to adjust it.
 - **Calculate Routes for**—select your vehicle type to optimize routes.

- **Off-Route Recalculation**—select how the nüvifone notifies you when you are off your route.
- **Route Preference**—select a preference for calculating your route.
- **Turn Preview**—select **Enabled** to show a brief preview of upcoming turns.
- **Avoidance Setup**—select the types of roads or areas you want to avoid in routes. See [page 44](#).


Change the Audio Settings

1. Press the  key.
2. Tap **Settings > Navigation > Audio**.
3. Tap a setting to adjust it.
 - **Voice**—select a voice for the voice prompts.
 - **Voice Prompt**—turn the vocal navigation prompts on and off.


Adjust the Proximity Points Settings

1. Press the  key.
2. Tap **Settings > Navigation > Proximity Points**.
3. Tap a setting to adjust it.
 - **Custom POI Sets**—turn on and off the custom POI (points of interest) sets you have loaded in the nüvifone.
 - **Safety Cameras**—turn on and off the Safety Camera databases you have loaded in the nüvifone.
 - **Audio Notification**—select how you want to be audibly notified when you approach a custom POI or a safety camera location.


Change the Location Format and Map Datum

1. Press the  key.
2. Tap **Settings** > **Navigation** > **General**.
3. Tap a setting to adjust it.
 - **Location Format**—select a format for the coordinates that matches your paper map. Select **User UTM Grid** to enter the coordinate information.
 - **Datum**—select a map datum that matches your paper map.



Change Connected Services Settings

1. Press the  key.
2. Tap **Settings** > **Navigation** > **Connected Services**.
3. Tap a setting to adjust it.
 - **Connected Services Access**—select how to connect to access Connected Services.
 - **Location Updates**—select to send Ciao! location updates manually or automatically.
 - **Connected Services Feedback**—enable to periodically send anonymous location information from your phone. Your phone must have a data connection. Your regular data transfer charges apply.

Change the GPS Settings



1. Press the  key.
2. Tap **Settings > Navigation > GPS**.
3. Tap a setting to adjust it.
 - **Auto Update**—select how the nüvifone automatically updates the GPS information.
 - **Update When Sync**—select whether the nüvifone automatically updates the GPS information when you sync the nüvifone to your computer.
 - **GPS Data Update**—view the information for the last time the GPS data was updated. Tap **Update** to update the GPS data now.
 - **GPS Status**—view information about the GPS satellites your device is receiving and their signal strength.

Turn Off GPS

1. Press the  key.
2. Tap **Settings > Navigation > GPS**.
3. Tap **GPS Status**.
4. Tap  > **Disable GPS**.

Set Your Location

When you activate the GPS for the first time, or if you have traveled more than 600 miles with the GPS receiver turned off, the GPS must initialize. To shorten the time it takes to acquire satellites, set your location on the map.


1. Press the  key.
2. Tap **Settings > Navigation > GPS**.
3. Tap **GPS Status**.
4. Tap  > **New Location**.
5. Tap a point on the map, and tap **OK**.

Turn Safe Mode On and Off

1. Press the  key.
2. Tap **Settings** > **Navigation** > **General** > **Safe Mode**.
3. Tap **Enabled** to turn on safe mode.

When your vehicle is moving, safe mode disables all functions that require significant operator attention and could become a distraction while driving.

Remove Programs

1. Press the  key.
2. Tap **Settings** > **System** > **Remove Programs**.
3. Tap a program, and tap **Remove**.

View Device Information

View Your Map Sets

Your phone includes built-in map data. You can also purchase additional map data from your Garmin or ASUS dealer.

1. Press the  key.
2. Tap **Tools** > **Manage My Data** > **Map Sets**.
3. Tap  > **MapSource**.
4. To disable a map, clear the check box next to the map.


View Copyrights and EULAs

View copyright information and end-user license agreements.

1. Press the  key.
2. Tap **Settings** > **About**.


View Navigation Information

View the navigation software version and the software unit ID.


1. Press the  key.
2. Tap **Settings > Navigation > About**.

View System Information

View Microsoft system information.

1. Press the  key.
2. Tap **Settings > System > System Information**.
3. Use the slider menu to view the device information and version.

View Map Version


1. Press the  key.
2. Tap **Tools > Manage My Data > Map Sets**.
3. Tap a map to view the version.

Restore the Default Settings

NOTICE

Items that you have saved on your device (such as Favorites) are erased. Files saved in My Storage and map data are not erased. Deleted information cannot be recovered.

This process restores all settings to factory defaults and deletes all user-entered information.

1. Press the  key.
2. Tap **Settings > System > Default Settings**.
3. Enter **1234**, and then tap **OK**.

All original settings are restored. Any items that you have saved are erased.


Appendix

Reset the nüvifone


If the nüvifone stops functioning, turn off the nüvifone, and then turn on the nüvifone.

If this does not help, remove the battery cover. Using the stylus, press the Reset button (see [page 7](#)). The nüvifone should restart and operate normally.

Battery Information

The  battery icon in the status bar indicates the status of the internal battery. To increase the accuracy of the battery gauge, fully discharge the battery and then fully charge it. Do not unplug the nüvifone until it is totally charged.

Maximize the Battery Life

- Press the  key, and tap **Settings** > **System** > **Backlight** to turn down the backlight.
- Do not leave your nüvifone in direct sunlight. Avoid prolonged exposure to excessive heat.

Replace the Battery



Only use the correct battery type: HiTech rechargeable, user-replaceable, SBP-23 lithium-ion battery. Using an incorrect battery may present a risk of explosion.

Do not use a sharp object to remove the battery. A sharp object may puncture the battery which may present a risk of fire, chemical burn, electrolyte leak, and/or injury.

For more information on purchasing a replacement battery, go to www.garminasus.com.

TIP: To avoid losing your customized settings, replace the battery within five minutes of removing it from your device.

Contact your local waste disposal department for information on properly disposing of the battery and the device.

Change the Fuse in the Vehicle Power Cable

NOTICE

When replacing the fuse, do not lose any of the small pieces and make sure they are put back in the proper position. The vehicle power cable does not work unless it is assembled correctly.

If your device does not charge in your vehicle, you may need to replace the fuse located at the tip of the vehicle adapter.

1. Use a coin to push down the silver tip, and turn the coin counter-clockwise, one-quarter turn.
2. Remove the end piece, the silver tip, and the fuse.
3. Install a 1 A fast blow fuse of the same size.
4. Ensure that the silver tip is located in the end piece. Using a coin, replace the end piece.

Mount on Your Dashboard

A mounting disk is included in some nüvifone packages. Use the mounting disk to mount your device to the dashboard and to comply with certain state and local regulations. Never mount the device in a location that obstructs the driver's view of the road.

NOTICE

The **permanent** mounting adhesive is extremely difficult to remove after it is installed.

1. Clean and dry the dashboard where you are placing the disk.
2. Remove the backing from the adhesive on the bottom of the disk.
3. Place the disk on the dashboard.
4. Remove the clear plastic cover from the top of the disk.
5. Place the suction cup mount on top of the disk. Flip the lever down (toward the disk).

Remove the nüvifone, Cradle, and Mount

Remove the nüvifone from the Cradle

1. Press up on the tab on the top of the cradle.
2. Tilt the nüvifone forward.

Remove the Cradle from the Mount

1. Turn the cradle to the right or left.
2. Apply pressure until the socket on the cradle releases the ball on the mount.

Remove the Suction Cup Mount from the Windshield

1. Flip the lever on the suction cup mount toward you.
2. Pull the tab on the suction cup toward you.

Care for Your Device

- Avoid dropping your device and operating it in high-shock and high-vibration environments.
- Do not expose the device to water. Contact with water can cause this device to malfunction.
- Do not store the device where prolonged exposure to extreme temperatures can occur, because it can cause permanent damage.
- Never use a hard or sharp object to operate the touchscreen, or damage may result. Although a stylus can be used to operate the touchscreen, never attempt this while operating a vehicle.

- To help avoid theft, remove the device and mount from sight when not in use. Remove the residue on the windshield left by the suction cup.

Specifications

Physical size (W × H × D): 4.57 × 2.28 × 0.56 in. (116 × 58 × 14.3 mm)

Weight: 4.87 oz. (138 g)

Display: 3.5 in. diagonal, 800 × 480 pixels; WVGA display with touchscreen

Case: Not waterproof (IP51)

Operating Temperature Range: from 5°F to 104°F (from -15°C to 40°C)

Storing Temperature Range: from -4°F to 158°F (from -20°C to 70°C)

AC Charger Operating Temperature

Range: from 32°F to 122°F (from 0°C to 50°C)

Power/PC Connector: micro-USB

Headphone Connector: 3.5 mm

Battery Type: HiTech rechargeable, user-replaceable, SBP-23 lithium-ion battery (1500 mA)

Standby Time: 300 to 600 hours*

Talk Time: 4 to 8 hours*

* Depending on network environment and phone usage.

Charge time: Approximately 4 hours

Power input: DC vehicle power using vehicle power cable, AC charger using USB cable, AC power cable (optional)

GPS receiver: High-sensitivity

Acquisition times*:

Warm: <1 sec.

Cold: <38 sec.

Factory Reset: <45 sec.

*Average acquisition times for a stationary receiver with a clear view of the sky.

Frequency Band: HSDPA 7.2Mbps
UMTS 900/2100, EDGE/GPRS/GSM
850/900/1800/1900, Class 10

Other connectivity: Bluetooth 2.0 + EDR;
WLAN; micro-USB 2.0

OS: Microsoft Windows Mobile 6.5.3
Professional

Camera/Photos: 5 MP camera with AF

Data storage: up to 2.5 GB internal
memory; up to 16 GB using a
microSD card

Computer interface: plug-and-play USB
mass storage, ActiveSync

Important Safety and Product Information

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

WARNING

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

General Device 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, foot pedals, or transmission levers. Do not place in front of or above any airbag.
- The windshield mount may not

stay attached to the windshield in all circumstances. Do not place the mount where it will become a distraction if the mount should become detached. Keep your windshield clean to help ensure that the mount stays on the windshield.

Operation Warnings

- 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.**
- Minimize the amount of time spent viewing the device screen while driving and use voice prompts when possible.
- Do not input destinations, change settings, or access any functions requiring prolonged use of the device controls while driving. Pull over in a safe and legal manner

before attempting such operations.

- 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 maneuver 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.
- 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).

Important Safety and Product Information

- 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 properly recycle/ dispose of the device/battery.
 - 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 external battery charger, only use the accessory approved for your product.
 - Do not modify or remanufacture, attempt to insert foreign objects into the battery, immerse or expose to water or other liquids, expose to fire, explosion or other hazard.
 - Do not short circuit a battery or allow metallic conductive objects to contact battery terminals.
 - 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.
 - When disposing of the device, take it to a professional service, such as a waste electronics treatment facility, to have the battery removed and recycled.
-

NOTICE**Windshield Mounting Legal Restrictions**

Before using the suction cup mount on your windshield, check the local laws and ordinances where you drive for any applicable restrictions, including restrictions against placing objects on the windshield in locations that obstruct the driver's vision. **IT IS THE USER'S RESPONSIBILITY TO MOUNT THE GARMIN DEVICE IN COMPLIANCE WITH ALL APPLICABLE LAWS AND ORDINANCES.** Where required, other Garmin dashboard or friction mount options should be used.

Always mount your Garmin device in a location that does not obstruct the driver's view of the road. Garmin does not assume any responsibility for any fines, penalties, or damages that may be incurred as a result of any state or

local law or ordinance relating to the use of your Garmin device.

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.

Declaration of Conformity

Hereby, Garmin and ASUS declare that this product is in compliance with the essential requirements and other relevant provisions of Directive 1999/5/EC. To view the full Declaration of Conformity, see www.garminasus.com/declaration-of-conformity.

Equipment Use

This nūvifone is for use worldwide, including the following countries:

AT	EE	IS	NO
BE	ES	IT	PL
BG	FI	LI	PT
CH	FR	LT	RO
CY	GB	LU	SE
CZ	GR	LV	SI
DE	HU	MT	SK
DK	IE	NL	TR

Pacemakers and Other Medical Devices

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

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

- If you think that interference may be occurring, turn off the phone immediately.

For other medical devices, consult with your physician or the manufacturer to determine if your mobile phone may interfere with the device, and to determine any precautions that you can take to avoid interference.

Avoid 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.

Avoid 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.

Avoid 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.

Follow these guidelines to reduce the risk of blackouts, seizures, and eyestrain:

- Avoid prolonged use of 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.

Radio Frequency Exposure



This device is a mobile transmitter and receiver that uses its antenna to send and receive low levels of radio frequency (RF) energy for voice and data communications. The device emits RF energy below the published limits when operating in its maximum

output power mode and when used with Garmin authorized accessories. To comply with ICNIRP RF exposure compliance requirements, the device should be used in its automobile mount or as a handheld device only. The device should not be used in other configurations.

This device has been tested and is in compliance with international Specific Absorption Rate (SAR) Exposure limits. The actual measured values are as follows:

Band	SAR 10g (W/kg)
GSM 900	0.424
GSM 1800	0.549
WCDMA Band I	0.796
WCDMA Band VIII	0.415

Troubleshooting

Issue	Description
Device will not acquire satellite signals.	Press the  key, and then tap Settings > Navigation > GPS > GPS Status >  . Verify GPS is enabled.
	Make sure the GPS has enough time to initialize. When the GPS is turned on for the first time, it may take a few minutes to initialize.
	If you have traveled more than 600 miles with the GPS receiver turned off, set your location on the map.
Device will not turn on.	Charge the battery. See page 10 .
	Replace the battery. See page 105 .
Device will not charge.	Replace the fuse in the vehicle power cable. See page 106 .
	As a safety precaution in high temperature environments, the device will suspend charging and use battery power. If the device is mounted in a vehicle, remove the device from the mount and place it out of direct sunlight.
Cannot place a phone call.	The call function may have been suspended because of low battery power. In low battery situations, you might be asked to turn off the call functions. You can still navigate in these situations (PND mode).

Index

Symbols

2D map view 99

3GP 69

A

ActiveSync

Bluetooth technology 84

install 83

USB 84

additional maps i

address 28

Adobe PDF 80

alarms 77

align the screen 92

appointment

make 74

navigate to 75

save local event as 47

save movie time as 47

view 74

audio settings 100

auto zoom map 99

avoid

edit custom

avoidances 44

road types 100

specific areas 44

specific roads 44

B

backlight

adjust 92

keep on when

navigating 92

timeout 92

backup files 82

battery

charge 10

information 105

remove 105

warnings 111–113

Bluetooth 87

Bluetooth technology 84,

87, 88–89

add a device 88

make visible 87

send and receive files 89

turn on 87

BMP 69

browse the map 41

C

calculator 80

calendar 74

calibrate the screen 92

call 20

end 22

history 24

options 21

camera 67

care information 108

cell broadcast 64

Ciao! 55–59

accept invite 56

hide location 58

invite 56

join 56

location updates 101

register 55

remove a friend 58

status 57

view friends 57–58

cities, find 33

computer connection 85

conference call 23

connected services 46–49

connection 101

settings 101

connections 90

- contacts
 - add 25
 - favorites 26
 - navigate to 26
- convert currency 79
- coordinates 34
- cradle 11
- currency, convert 79
- custom POIs
 - settings 100
- D**
- Declaration of Conformity 114
- default
 - camera 69
 - input mode 80
 - restore all settings 104
- delete
 - all settings and favorites 104
 - all user data 104
 - call history 24
 - Favorites 42
 - message 53
 - picture 70
 - video 71
- detour 38
- device information 103
- digital elevation map 33
- E**
- e-mail 54
- emergency assistance 41
- End key 7
- enter data 14
- F**
- Facebook 59
- Favorite
 - contact 26
 - delete 42
 - edit locations 42
 - locations 32
- files
 - backup 82
 - exchange using FTP 91
 - restore 82
 - search for 82
 - send 89
- file types
 - media gallery 69
 - music 65
- find locations. *See* search for locations
- find places on the map 32
- flight mode 24
- flight status 75
- forward messages 52
- free map update i
- FTP 91
- fuse, change 106
- G**
- geocache 34
- globe view 33
- Go! page 29
- go home 28
- GPS
 - about GPS 16
 - data update 16, 102
 - new location 102
 - settings 102
 - turn off 102
- H**
- H264 69
- headphone jack 109
- Help file 14
- hold phone call 21
- home location 28

Home screen 12
 icons 94
 layout 94
 theme 93

I

icons 17
Internet 60
 share connection with
 computer 89
intersections, find 34

J

JPEG 69
junction view 37

K

keyboard 14

L

lithium-ion battery 105,
 109
local events 47
local search 31
location-based service 34
location format 101

location information 29
 change update method 57
 send updates 101
location messages 51
lock the phone 15, 97

M

make a phone call 20
map
 additional i
 browse 32, 41
 contours 33
 customize 99
 datum 101
 detail level 99
 map set 103
 moving 32
 orientation 99
 settings 99
 update i
 version 104
 view 99
 zoom 33
MapSource i
maximum speed, reset 37
Media Gallery 69–73

messages (SMS/MMS)
 delete 53
 forward 52
 new 50
 read 52
micro-USB 7
Microsoft Office
 Mobile 81
MMS 50
mount
 on windshield 11
 remove from mount 107
movie times 47
MP4 69
mute 15, 21

N

navigation. *See* route
network profile 98
news 49
 articles 62–64
Newstation 62–64
note 80
nūMaps Guarantee i

O

- odometer 37
- off road route 100
- on-screen keyboard 14
- output, audio
 - headphone jack 109

P

- pacemakers 114
- parking, find 48
- PDF 80
- phone 20–24
 - receive a call 22
 - settings 94–104
 - sound settings 94
- picture
 - effects 68
 - file types 69
 - quality 68
 - take 67
 - view 70
- play music 65
- PNG 69
- position icon 99
- Power key 7
- PowerPoint 81
- profile 94

- proximity points 100
 - settings 100

R

- recalculate route 100
- register i, 55
- remove the mount 107
- reply to message 52
- reset 105
 - M10E 105
 - maximum speed 37
 - odometer 37
 - trip computer 37
- resolution, photo 68
- restore
 - all settings 104
 - files 82
- ringer 94
- ring settings 94
- ring tone 94
 - save a song as 66
 - set 94
- rotate screen 14
- route
 - add stops 38
 - all turns in 36
 - details 36
 - edit 38, 43
 - follow 35
 - keep backlight on
 - during 92
 - next turn 36
 - plan 42–44
 - preferences 100
 - save 38
 - settings 99
 - simulate 44
 - stop 38
 - take saved route 43
 - to appointment 75
 - turn list 36
- RSS 62–64

S

- safe mode 103
- safety cameras 48–49
 - settings 100
- SAR 116
- satellite signals 16, 102
- save location to
 - Favorites 32
- save your current
 - location 32, 42

- screen
 - align 92
 - calibrate 92
 - Home 12
 - lock 15
 - orient 14
 - rotate 14
 - use the touchscreen 13
 - search
 - for files 82
 - internet 60
 - search for locations 28
 - address 28
 - by category 31
 - change the search
 - area 30
 - favorites 32
 - location options 29
 - near a different city 30
 - near a different location 30
 - near your route 30
 - points of interest 30
 - spell name 31
 - send
 - e-mail 54
 - file 89
 - found location 30
 - MMS 50
 - SMS 50
 - text 50
 - your location 51
 - Send key 7
 - settings
 - audio 100
 - Connected Services 101
 - phone 94–104
 - route 99
 - set your current location 102
 - silent ringer 94
 - SIM card
 - copy contacts 26
 - slideshow 70
 - SMS 50–54
 - cell broadcast 64
 - software
 - update i
 - software version 104
 - sound
 - profile 94
 - speakerphone 21
 - specifications 108
 - speed limit 99
 - spell the location 31
 - Start menu 93
 - status bar
 - icons 17
 - storage information 108
 - stylus 14
 - suction cup 11
 - synchronize
 - e-mail 54
 - using Bluetooth technology 84
 - using USB cable 84
 - with an Exchange Server 86
 - system information 104
- ## T
- tasks 77
 - text message 50–54
 - theft, ways to avoid 108
 - timer 79
 - track
 - edit 45
 - record 45
 - save 45

traffic 39–40
 avoid 40
 icon 39
transfer file 89–91
trip computer 37
turn off phone 11, 24
turn preview 100

U

unit ID 104
units 96
update
 maps i
 software i
USB cable 10, 83, 84, 89
USB Connection Mode 85
user data, delete 104

V

vehicle icon 99
vehicle type 99
vibrate 15, 94
vibrate ringer 94
video
 file types 69
 play 71
 play a stream 72

 play stream 72
 record 67, 67–73
voice mail 22
voice note 80
voice prompt 100
volume 15
Volume keys 7

W

wallpaper 93
weather 76–82
WebUpdater i
Where Am I? 41
white pages 25, 48, 48–49
Wi-Fi
 set up 91
 sharing 91
WiKiKnow 29, 60
Wireless Manager 90
WMV 69
Word files 81
world clock 78

Z

zoom 33



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