

Now it's easy to add full GPS navigation  
and hands-free calling capabilities to

## Make your smartphone even smarter –

your mobile smartphone with this

Bluetooth®-enabled phone mount/

charger from Garmin. Just plug it in,

secure your phone, and go. You'll get

detailed street mapping on your phone's

display – with automatic routing, turn-

by-turn directions and voice prompts.

Garmin Mobile™ 20 will support most

Nokia, Windows Mobile and Treo

smartphones. And with Internet access,

optional Garmin Online™ service provides

traffic, weather, safety camera locations

and more. Plus, the phone mount's

wireless speaker and noise-canceling

dual microphones let you drive and

talk hands-free without using a headset.

with GPS and Bluetooth® wireless.



## Garmin Mobile 20 Features

### Bluetooth® wireless technology:

Allows hands-free calling capability. Just speak contact names and phone numbers into the built-in wireless microphone for hands-free use with compatible phones that support to voice tags. Plus, an integrated speaker lets you chat safely while you drive.

### Intuitive navigation software:

Preprogrammed on the included data card, street mapping software gives smartphone users the same high-quality navigation features found on other Garmin portable GPS devices. Users can navigate to a specific street address or search millions of points of interest (POIs) to locate and route to hotels, restaurants, shopping, attractions, etc. Follow voice-prompted, turn-by-turn directions to your destination.

### Garmin Online™:

With Internet access, this server-based information service provides a variety of complimentary wireless data services, such as weather and HotFix GPS acceleration. In addition, users can subscribe to premium content that includes real-time traffic alerts, safety cameras, and gas prices in select markets.

### API customization:

Application programming interface (API) features support customized third party location-based services (LBS) or enterprise applications. API enables businesses to easily integrate their existing applications, such as customer databases, with Garmin Mobile 20's mapping and navigation features.

### "PeerPoints"™:

Short message service (SMS) integration lets Garmin Mobile 20 users send their current position (or POI information) to any other phone via text messaging – then view received locations on the map and navigate to them.

## Moving Map Features

### Basemap:

Detailed routable basemap with cities, highways, interstates, rivers, lakes; preloaded with worldwide cities.

### Detailed street maps:

Smartphone memory cards come preprogrammed with City Navigator™ NT for street-level detail and addresses, plus listings of nearest restaurants, hotels, ATMs, etc., throughout the U.S., Canada and Puerto Rico. In Europe, Garmin Mobile™ 20 comes with street map data for selected regional coverage areas. Accepts downloaded or plug-in map detail from a variety of optional MapSource® media.

## Navigation Features

### Routes:

Automatically calculated with turn-by-turn instructions; up to 50 stored routes; each stored route can contain up to 50 VIA points, which can be auto-arranged to minimize trip distance; a detour function enables routing around traffic problems or road construction; custom road preference allows user to prioritize choice of back roads or major highways; automatic off-route recalculation shows how to get back on track if you miss a turn or exit.

### Voice:

Navigation instructions and warnings

### Waypoints:

4,000 with name and graphic symbol

### Trip computer:

Resettable odometer, timers, average and maximum speeds

## GPS performance

### Receiver:

High sensitivity SiRFstarIII™ GPS receiver; WAAS-enabled; Tracks and uses up to 12 satellites to compute and update your position

### Acquisition times:\*

**Warm:** <1 sec  
**Cold:** <38 sec  
**Factory Reset:** <45 sec

### GPS accuracy:

**Position:** <10 meters, typical  
**Velocity:** .05 meter/sec steady state

### GPS (WAAS) accuracy:

**Position:** <5 meters, typical  
**Velocity:** .05 meter/sec steady state

### Antenna:

**Temperature:** Built-in patch type GPS antenna  
**Operating:** 32° F to 140° F (0° C to 60° C)

## Physical

### Size:

2.7"W x 4.2"H x 2.31"D  
 (69.07mm x 107.1mm x 58.97mm)

### Power Supply:

12-volt adapter cable

### Interfaces:

Connects to Nokia Symbian®, Windows Mobile™ and Palm® OS Treo smartphones with Bluetooth wireless technology. See Garmin website for information on Garmin Mobile™ 20 compatibility for specific smartphones

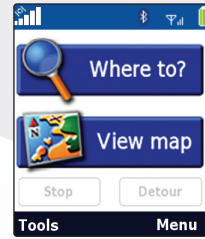
## Accessories

### Standard:

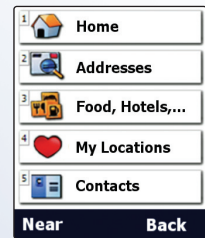
GPS 20SM wireless smart mount receiver  
 Windshield suction cup mount  
 City Navigator™ NT North America maps  
 12-volt adapter cable  
 Preprogrammed data card  
 Phone power adapters  
 Quick Reference Guide

### Optional:

See Garmin's website, [www.garmin.com](http://www.garmin.com), for the latest list of optional accessories



Garmin Mobile 20 makes it easy to add GPS navigation and hands-free calling capabilities to your mobile smartphone. Detailed maps, automatic routing and turn-by-turn directions guide you right to your destination.



"Find" database lets you look up addresses and points of interest (POI) – places like hotels, restaurants, shopping, and tourist attractions – then dial the phone number automatically for reservations or other information.

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Specifications are preliminary and subject to change without notice.

\* On average for a stationary receiver with an open sky view.

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