

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 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 traffic alerts. In addition, users can access premium content that includes safety cameras and fuel 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:

Built-in patch type GPS antenna

Temperature:

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

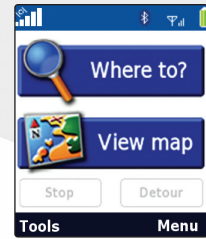
Accessories

Standard:

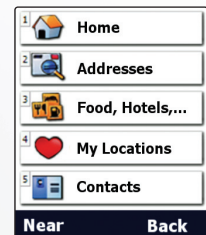
GPS 20SM wireless smart mount receiver
 Windshield suction cup mount
 City Navigator™ NT North America maps
 12-volt adapter cable
 Preprogrammed data card
 Phone power adapters
 Quick Reference Guide

Optional:

See Garmin's website, www.garmin.com, 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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