



OPERATING INSTRUCTIONS MANUAL
FOR MOBILE NAVIGATION SYSTEM:

NAV ONE 2750

Nothing Comes Close to a Cobra®

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Printed in the Philippines
Part No. 480-228-P
Version B

English

Controls, indicators and System logic



Menu button (MENU)
Goes to the Main menu.

Enter button (ENTER)
Enters the current selection/entry.

Up button (▲)
Scrolls up through list line-by-line, scrolls up character lists, scrolls up increment numbers, moves map cursor up and navigates up in preferences selections.

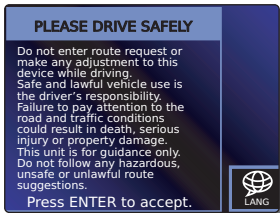
Down button (▼)
Scrolls down through list line-by-line, scrolls down character lists, scrolls down decrement numbers, moves map cursor down and navigates down in preferences selections.

Left button (◀)
Moves to previous character or number in menus, moves to previous alphanumeric character group in lists, moves map cursor on maps left and navigates left for preferences selections.

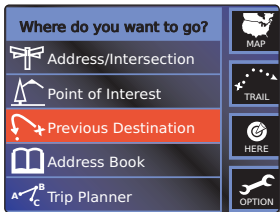
Right button (▶)
Moves to next character or number in menus, moves to next alphanumeric character group in lists, moves map cursor on maps right and navigates right for preferences selections.

System logic

While using the NAV ONE system, the system proceeds from the opening screen to the main menu, then through the processes needed to get to the desired destination as shown.



When the NAV ONE system is turned on, an opening screen and safety reminder are shown and an option is provided to change the language used.

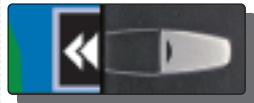


Next, the Main menu becomes available that provides five means of selecting a destination. And, that is what the system is all about — to guide users to destinations with maximum confidence and minimum fuss.

NOTE

Pressing the icon on the LCD will not invoke the function — and may damage the display. Be sure to press only the function button.

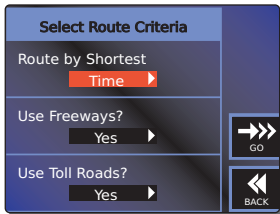
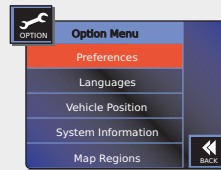
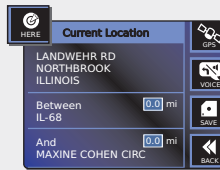
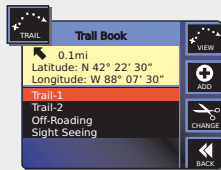
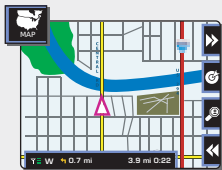
Icon Function Button



NOTE

SmartPower is on by default, it shuts down the system in response to a combination of two conditions: no vehicle motion or satellite lock for 30 minutes and no button presses for ten minutes.

Below are examples of available functions and samples of their screens and menus.



Once a destination is selected, the user chooses how to reach the desired destination.



Detours take care of unexpected encounters.

Trip data tracks progress. Bottom two fields are user selectable.

Important safety information

FCC compliance



This device complies with Part 15 of the FCC interference limits for Class B digital devices FOR HOME OR OFFICE USE. These limits are designed to provide more reasonable protection against harmful interference in a residential installation and are more stringent than “outdoor” requirements. Operation of this device is subject to the following conditions: 1) This device may not cause harmful interference and 2) this device must accept any interference received, including interference that may cause undesired operation.

Important safety information



Before installing and using the Cobra NAV ONE system, please read these general precautions and warnings. It is strongly recommended to read this entire manual to be familiar with the system’s features, and know how to operate it.

Warning symbols and statements



Please pay special attention to the WARNING symbols and statements in this manual.



WARNINGS

- **DO NOT** think this NAV ONE is a substitute for personal judgment. The route suggestions should never supersede any local traffic regulation or personal judgment and/or knowledge of safe driving practices. Before making any maneuvers suggested by the NAV ONE system (for example, a U-turn or a left turn), verify that the maneuver can be legally and safely completed. Do not follow route suggestions if they suggest an unsafe or illegal maneuver, would place the vehicle in an unsafe situation or would route the vehicle into an area that could be unsafe.
- **DO NOT** program this NAV ONE while driving. Only a passenger should operate controls or program the unit while the vehicle is in motion. The driver should not program the system unless the vehicle is parked in a safe location.
- **ONLY** glance at the screen when necessary and safe to do so. Listen to the computer voice guidance. If prolonged viewing is necessary, pull off the road to a safe location.
- **DO NOT** use this NAV ONE system to locate emergency services (such as police, fire stations, hospitals and clinics). The database may not include all emergency service providers. Use best judgment and ask for directions in these situations.
- **DO NOT** position the unit in a location that obstructs the driver’s view of the road, instruments or controls to operate the vehicle.
- **DO NOT** drive the vehicle unless the unit is securely attached to the windshield with the supplied bracket and suction cup or is fastened by other reliable means to keep it from becoming a projectile hazard inside the vehicle in the event of a violent maneuver or collision.
- **DO NOT** mount the unit over airbag panels or within airbag expansion spaces. The force of an expanding airbag can thrust objects in its path toward the driver or passengers with injurious result.
- **DO** position the unit so the screen can be viewed with just a quick glance.
- **DO** set the volume at a level that will allow the hearing of outside traffic and emergency services.



WARNING

Statements identify conditions that could result in personal injury or loss of life.

Caution symbols ➔ and statements

Please pay special attention to the CAUTION symbols and statements in this manual.



CAUTION

Statements identify conditions that could cause damage to the system or other equipment.



CAUTIONS

- The user is responsible for operating this product wisely. This NAV ONE system is intended for use only as a navigational aid and should not be relied upon to the exclusion of other information. Be aware of conditions around the vehicle and compare them to the information provided by the NAV ONE system.
- The Global Positioning System is provided and operated by the U.S. government, which is solely responsible for its accuracy and maintenance. The system is subject to changes, which could affect the accuracy and performance of this NAV ONE system.
- This NAV ONE is not waterproof. Do not allow liquids to splash on it nor expose it to rain during operation or transfer from vehicle to vehicle.
- Do not disassemble or modify the unit as this may lead to damage. If a problem occurs, stop using the system immediately and contact a Cobra dealer. Changes or modifications to the unit may void its compliance with FCC rules and make it illegal to use.
- The NAV ONE system's map database provides information on suggested routes without regard to factors that may affect the user's driving experience or the time required to arrive at the desired destination. For example, the system does not reflect road detours, closures or construction, some road characteristics (e.g., road surface, slope or grade, weight or height restrictions, etc.), temporary traffic congestion, weather conditions and similar factors. Use personal judgment or the NAV ONE system's detour mode to develop an alternate route if necessary.
- Do not remove the unit from the windshield or quick release bracket while the unit is turned on. The NAV ONE contains a hard drive, which spins at high speed while the unit is turned on. Handling the unit while the drive is spinning could damage it. When the unit is off, the hard drive is parked in a more secure condition.
- Dismount the unit when parked. This will not only minimize the chance of theft but will also reduce the unit's exposure to heat and strong sunlight which can shorten the life of the internal components.
- Do read the *Important safety information* sections on pages 4 and 5 of this manual before using this NAV ONE system.

Installation

Installation

The unit can be mounted to the vehicle's windshield with the included bracket and suction cup, or an alternative mounting can be devised.

THE UNIT MUST BE FIRMLY ATTACHED TO THE VEHICLE. If it is not, it can become a projectile hazard to vehicle occupants and possibly cause serious injury during a violent maneuver or crash.



Position the unit where it is visible at a glance but will not obstruct the driver's view of the road or interfere with the use of vehicle instruments and controls.

Do not put the unit over airbag panels or within airbag deployment envelopes.



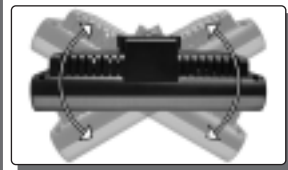
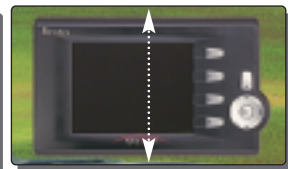
Position the unit so the antenna can "see" the sky.



Alternative mounting recommended for high-pitched windshields.



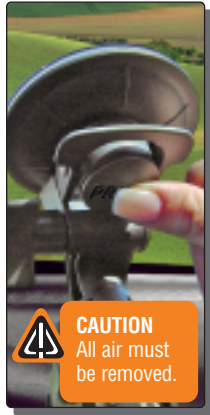
The unit should be as close to vertical as possible and not tilted front-to-back or side-to-side.



View From the Top

To secure and connect the NAV ONE:

First, select a suitable location where the unit can be mounted vertically and clean the mounting area. Then, separate the suction cup and mounting bracket assembly from the unit.



1. **FIRMLY** press the suction cup against the windshield by applying pressure to the central **PRESS** button. Be sure the button is pressed all the way in to make sure **ALL** the air is out of the suction cup.

2. While maintaining **FIRM** pressure on the button, rotate the lock lever over the button.

Test suction cup adhesion by pulling on the bracket. **THE ASSEMBLY SHOULD NOT WIGGLE.** If it does, unlock the lever and repeat steps 1 and 2.

3. Attach the unit to the mounting bracket by means of the quick release feature.

4. Plug the power cord into the unit and the vehicle's 12 volt power socket.

Use the quick release lever to temporarily remove the unit from the mounting bracket when the vehicle is parked to prevent theft or heat damage. Be sure to turn off the power before moving the unit to avoid damage to the hard drive where the database is stored.

The suction cup portion of the bracket can be left attached to the windshield for quick reinstallation.



If the vehicle has a metallic coated or integrally heated windshield, you may need to use the optional external antenna.
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Basic operation, start-up and Preferences

Basic operation and start-up




Be sure to read the IMPORTANT SAFETY INFORMATION on pages 4 and 5 before the first use of the NAV ONE system.

Power on/off

After installation is complete and the vehicle is in an open area, turn on the unit (press and hold the POWER button on the side of the unit). Each time the unit is turned on, a start-up screen appears on the LCD followed by a safety reminder and an opportunity to select a language. Then, pressing ENTER will bring up either the  Main menu or the  Continue route guidance menu. Each time the system is turned off (press the POWER button again), the system will retain all information to be recalled when it is turned on again.

When the GPS Navigation System is new (or has been idle for more than seven days or has moved more than 500 miles while off), it can take up to five minutes for the system to lock onto the GPS satellites. After such a start-up, the system should be left turned on for at least 20 minutes to download GPS satellite data. Having updated satellite data will allow much faster satellite acquisition and lock — typically less than a minute — when the unit is turned on again.

Preferences

Users can select settings from the  Preferences menu as shown to the right. To reach this menu, press the OPTION function button at the  Main menu, then ENTER at the [Preferences] bar on the  Option menu.

NOTE
Cobra recommends that the system be used for a while with the default settings; then users may make changes.

Preference menu

Preferences	Options
Volume	0 (off – no sound)
- 0 1 2 3 4 5 6 7 8 +	1 – 8 (softest to loudest)
Map View	Heading up or north up
Auto Reroute	On or off
Color Scheme	Auto, day or night
Units	Mile, mile/yd, km or km/m
Smart Power	On or off
Key Click	On or off

Text and list entries (spell and list modes)

Text and list entries (spell and list modes)

The spell and list modes are used to enter information or choose from lists when selecting destinations, entering data item names and editing entries. Most times, the system will default to list mode, but both methods are available by using the SPELL and LIST function buttons to toggle between them. Using a combination of the methods often is the fastest way to make an entry.

Spell mode

Spell mode enables the user to spell out information using the alphanumeric and numeric-only character loops built into the system as shown at right.

When spelling, scroll ▲ or ▼ to the first character of the entry; then press the ► button to advance to the next character(s).

To make corrections, press the ◀ button to erase one character at a time or press the CLEAR function button to erase the whole entry and start over.

List mode

List mode enables the user to select entries from data lists in the system database.

When selecting from a list, the ▲ or ▼ buttons scroll up or down the list.

The ◀ or ► buttons jump to the previous or next alphabetic group in the list.

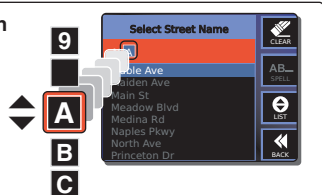


Scroll feature in spell mode

Scroll ▲ or ▼ to move through the endless loop of characters in both directions.

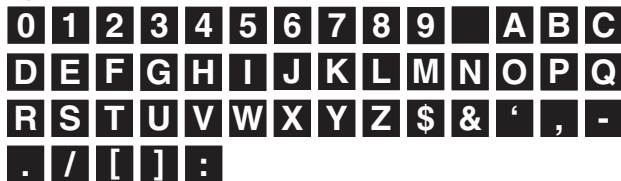
See the chart below for list order and characters available.

If the entry is entirely numeric, such as a zip code, the shorter numeric list will be presented.



List order and characters available

Alphanumeric




Numeric



The "blank" character shown in these diagrams is the space character. When scrolling ▲ or ▼ the characters will move in an endless loop.


Destination selection, Route selection limits and Route calculation

Destination selection


Each trip begins with a destination in mind. The  Main menu provides five methods of choosing one. After choosing a method, press ENTER to use it.



- A specific street address or an intersection of two streets by spelling or choosing from lists.
- A point of interest, such as a park, restaurant or shopping mall, from extensive lists in the system.
- The previous origin or any of the last nine destinations entered in the system.
- Any of up to 100 locations that can be saved to the address book.
- Multiple destinations (up to ten) in sequence that are saved as named trips (up to five).

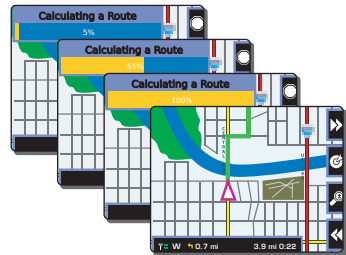
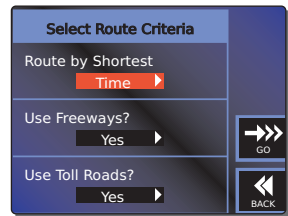
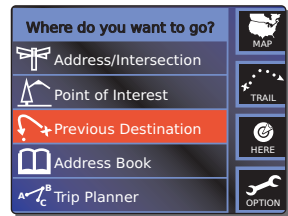
Route selection limits

When ENTER or the GO function button is pressed after selecting a destination, the system proceeds to the  Select Route Criteria menu where the user can define how the system will develop the route to the destination.

Route calculation

When ENTER or the GO function button is pressed at the  Select Route Criteria menu, the system develops the route.




Calculation can be stopped with the STOP function to change route criteria or to cancel it altogether. When the calculation is finished, the system will automatically proceed to  Route Guidance at the  Map screen with the route highlighted in light green to begin navigation along it. The voice prompt will say, “Please proceed to the highlighted route.”






Address/intersection

Address/intersection



Starting with zip code


When selecting an address or intersection, the best starting point is the zip code for the desired destination. By entering the zip code as the first element of the address, the NAV ONE system will zoom in and look at only that area. It will always return an associated state and either a single city or a short list to choose from if more than one city shares the zip code. It allows the quickest destination address selection. At the  Address menu, scroll  or  to zip and press ENTER.

Starting with state





If the zip code is not known, the state in which the destination is located must be the first address element to be entered. This also allows the system to zoom in on a segment of its database for efficient searching. At the  Address menu, scroll  or  to [State] and press ENTER.

Completing the address or intersection

After the state has been selected, scroll  or  to the next blank elements — city, street, and number or cross-street — in turn. Press ENTER and select the element using spell or list modes.

Once the address or intersection is completely filled in, the GO function button will become active. Pressing ENTER or the GO function button will proceed to the  Select Route Criteria menu.

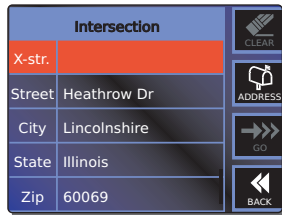
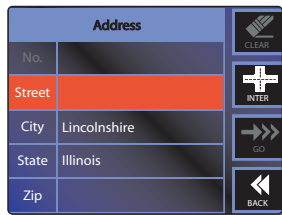
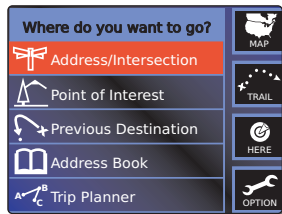
Street or intersection

The INTERSECTION function button toggles the system from the  Address menu to the  Intersection menu. The address element entry process is the same for both methods until the last step at which either the street number or the cross street is entered. It is possible to toggle between these modes after the state, city and street have been entered. Instructions for the  Address menu apply to the  Intersection menu as well.

Clear function

When using the address/intersection method to select a destination, the CLEAR function will clear the highlighted entry as well as any sub-fields. For instance, clearing the city field will also clear the street and number or cross-street fields.

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Point of interest


Point of interest

Selecting a POI as a destination allows a public place to be found without necessarily knowing the address. The NAV ONE database includes thousands of points of interest in over 40 categories from airports to museums to restaurants. This mode can also be used as a means of finding the address and telephone number of any location in the POI database — the data is shown in the final screen of each selection process.


Select by category

Selects one of the categories from the NAV ONE database, then narrows the choice to one of the points in that category. At the [By Category] bar of the  Select POI Search Method menu, press ENTER to proceed to the  Select POI Category menu. Scroll ▲ or ▼ to the desired category and press ENTER to proceed to a series of menus that allow refining the selection to a single location.

Select by name

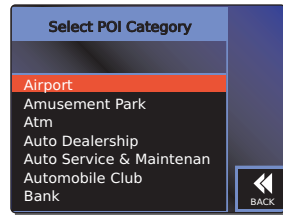
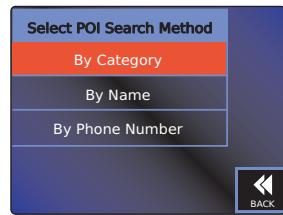
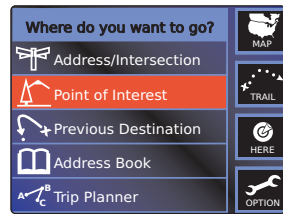
Allows the name of the destination to be entered. Then narrows the choice to one location if there are multiple locations with the same name, such as a restaurant chain. At the [By Name] bar of the  Select POI Search Method menu, press ENTER to proceed to a series of menus that allow completion of the selection.

Select by phone number

Allows the telephone number of the destination to be entered. Then narrows the choice to one location if there are multiple locations with the same telephone number, such as an 800 number for a hotel chain. At the [By Phone Number] bar of the  Select POI Search Method menu, press ENTER to proceed to a series of menus that allow completion of the selection.

Search limits

When the [Sort by Distance] preference is chosen during the POI selection process, the system will return a list of locations with the nearest one first. Some of those may be across the border of a nearby state. When the STATE function icon is shown, the system will search only in that state. In that case, change the state to find points in other states.




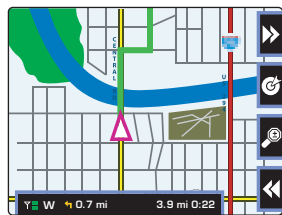
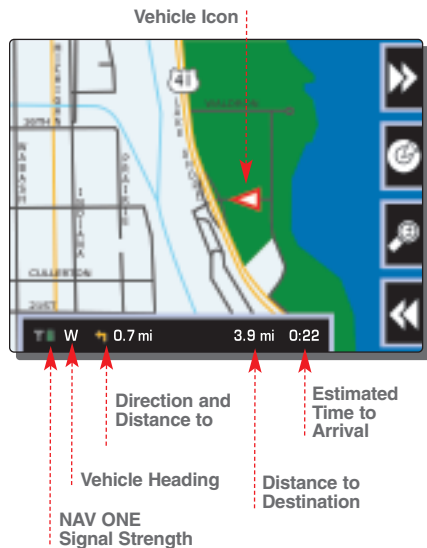
Route guidance

Route guidance

Once a destination is chosen and a route is calculated, the NAV ONE system is ready to provide guidance to navigate the trip from the starting voice prompt, "Please proceed to the highlighted route," until the final announcement, "Arrived at destination."

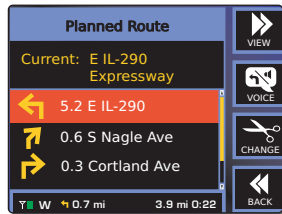
Navigation

During navigation, four screens are available. The  Map screen will come up automatically after route calculation, but whichever is most useful at any given time can be selected:



Map

Shows the map with the vehicle icon and the highlighted route.



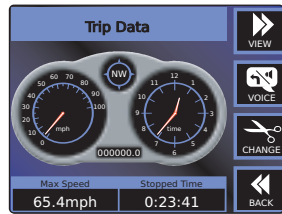
Planned Route

Shows the currently traveled road and a scrollable list of the next roads. It is the only navigation screen with an edit function.








Guide

Shows upcoming next maneuver.



Trip Data

Provides comprehensive data about the trip in progress or the one most recently completed.

The VIEW function moves in a fixed cycle from the  Map screen to the  Planned Route screen to the  Guide screen to the  Trip Data screen to the  Map screen, etc.

Nothing Comes Close to a Cobra®

Off route events

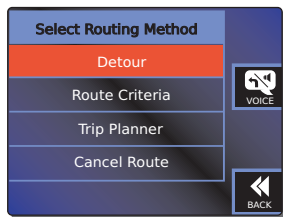
Off route events

During a trip, the NAV ONE system offers help if a turn is missed or a side trip is taken from a calculated route. It also allows changes to be made enroute — including detours, changing route criteria and trip plans, and canceling navigation.



Leaving a calculated route

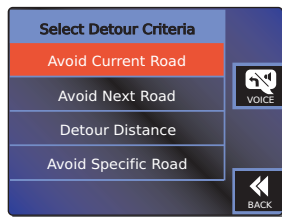
Within a short distance of the vehicle leaving a calculated route, the NAV ONE system will recognize the deviation and provide helpful information. In the case of a missed turn or similar situation, the system will provide voice prompts, such as, “Please make a legal U-turn,” to return to the calculated route while the system remains in the active navigation screen.

If a longer deviation is made and the prompts to return to the route are ignored, the system will calculate a new route to the destination — often a mini-route to intercept the original route at a later point — provided the auto reroute option is turned on. The new route will be displayed in the active navigation screen and the voice prompts will adjust accordingly. If auto reroute is turned off, the system will suspend guidance until the user takes some action such as [Detour] or [Cancel].









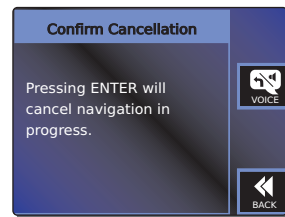
Changes enroute

Changes can be made at any time during a trip, but only from the  Planned Route Navigation screen. At that screen, press the EDIT function button to bring up the  Select Routing Method menu.








Detour

In case of road construction, traffic jams or undesirable roads, the NAV ONE system can quickly calculate a detour to reach the currently selected destination. At the  Select Routing Method menu, scroll  or  to [Detour] and press ENTER to proceed to the  Select Detour Criteria menu. At that menu, scroll  or  to the type of detour desired and press ENTER. Successive menus will allow completion of the selected detour type.

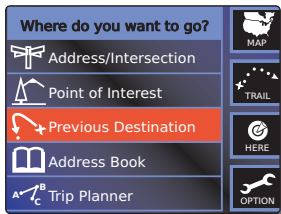


Cancel navigation

To cancel the current trip, scroll  or  to [Cancel] at the  Select Routing Method menu, then press ENTER. At the  Confirm Cancellation screen, press ENTER to confirm and return to the  Main menu.

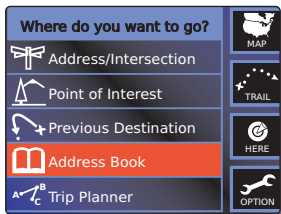
Other useful features

Other useful features



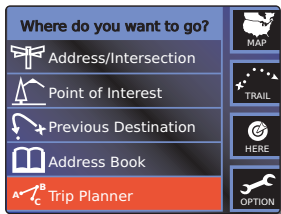
Previous destination

The NAV ONE system saves the most recent origin and the last nine destinations in memory for quick retrieval.



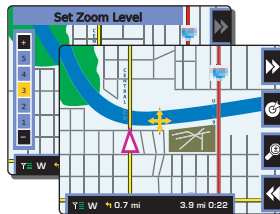
Address book

The address book allows users to store up to 100 destinations of their choice for ready reference and retrieval.



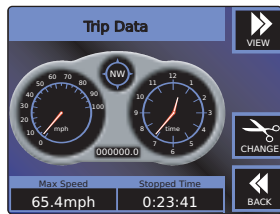
Trip planner

In addition to individual destinations, the NAV ONE system allows up to five trips to be stored with up to ten destinations to be visited in sequence on each trip.



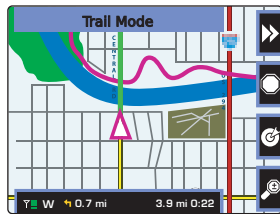
Useful Tools

Four functions are built into the NAV ONE system to provide added utility. ZOOM, PAN and HERE can be used whether or not a trip is in progress. Voice is active only while a trip is in progress.



Trip data

The NAV ONE system keeps track of information about each trip and the Trip Data screen can be viewed at any time to retrieve it for the current or most recent trip. Users can select two of the data items.



Trail mode

This feature can be used to record vehicle movements. Instead of guiding the vehicle on a route calculated in advance, it captures the route actually taken. Once a trail is recorded and saved, it can be used to retrace the route or to repeat it in the future.

GPS system characteristics/operation and NAV ONE system specifications

GPS basics ➔ The Global Positioning System (GPS) is a space-based radionavigation system. It consists of 24 satellites (which orbit the Earth at an altitude of approximately 11,000 miles) and ground stations. GPS provides users with accurate information on position, velocity and time. This is available anywhere in the world and in most weather conditions. GPS was initiated by The United States Department of Defense in 1973 to reduce the proliferation of navigation aids. By creating a robust system that overcame the limitations of many previously existing navigation systems, GPS became attractive to a broader spectrum of users. GPS has been successful in classic applications such as aviation and marine navigation since it was first developed. Since then, it has become useful for a wide range of people because its capabilities are accessible using small, affordable equipment.

How GPS works ➔ The GPS satellite network transmits radio signals to earth from high earth orbit. GPS service provides users with extremely accurate positioning information anywhere on or near the surface of the earth. To accomplish this, each of the 24 satellites emits signals to receivers below. GPS determines location by computing the difference between the time that a signal is sent and the time it is received. GPS satellites carry atomic clocks that provide extremely accurate time information. The time information is placed in the codes broadcast by the satellite so that a receiver can continuously determine the time the signal was broadcast. The signal contains data that the NAV ONE system uses to compute the locations of the satellites and to make other adjustments needed for accurate positioning. The NAV ONE system uses the time difference between the time of signal reception and the broadcast time to compute the distance from the receiver to the satellite. With information about the distance to four satellites and the location of each satellite when the signal was sent, the NAV ONE system can compute its own position: latitude and longitude.

NAV ONE ➔ Physical Specifications

Unit dimensions

4.73" H x 7.91" W x 2.28" D
(201 mm x 120 mm x 65 mm)

Unit weight

24.4 oz.

Display size

5.2" (132 mm) Diagonal

Display resolution

320 x 240 pixel STN Color Display

Keypad

Back-lit

Power

12-volt DC vehicle
Power Adapter included

Usage 1.2A max
Fuse 3A

Antenna

Built-in Patch (Optional)
External Antenna Available

Temperature range

Operation 0°C to + 60°C (32°F to 140°F)
Storage -40°C to + 85°C (-40°F to 185°F)

Map storage

Hard Disk Drive

Performance

Receiver

12 Parallel Channels for tracking up to 12 satellites

Acquisition times

Approximately
(hot) 8 sec.
(warm) 38 sec.
(cold) 45 sec.
using i.A.S.A.P Technology

Update rate

1/second, continuous

GPS accuracy

Position 10 meters, 2D RMS
Velocity 0.1 m/sec.

Dynamics

4g

Interface

USB 2.0

Maintenance and Troubleshooting

Maintenance..... ➔ Very little maintenance is required to keep this NAV ONE system in good operating condition.

- Keep the unit components clean by wiping with a soft cloth slightly moistened with lens cleaner or isopropyl alcohol. Do not use solvents or harsh or abrasive cleaners, which could damage the case or scratch the LCD.
- Protect the unit from moisture and from being dropped or struck by hard objects to prevent damage. Do not apply pressure to the LCD screen.
- Consult the Cobra web site (www.cobra.com) for the latest software and database versions and compare them to those stored in your unit to determine if updating is needed. Software and information updates are also available in DVD ROM format and can be purchased as accessories. NAV ONE needs to be connected to a computer running a Windows 98 or higher operating system with a DVD drive using a USB-2.0 cable to install the updates.

Troubleshooting .. ➔

Problem	Possible cause(s)	Solution(s)
Display does not power up.	Power switch is turned off.	Turn the unit on with the button on the left side of the unit.
	Brightness and contrast are turned completely down.	Use the controls on the right side of the unit to adjust the display until it is comfortable to view.
	Fuse in unit cigarette lighter adapter is blown.	Unscrew the adapter tip and inspect the fuse. Replace fuse if blown.
	No voltage is present at cigarette lighter or other power point.	Troubleshoot vehicle wiring. NOTE for some powerpoints, ignition key must be at RUN for the point to be energized.
NAV ONE GPS indicator will not turn green.	NAV ONE antenna cannot "see" the sky.	Move vehicle to open area and make sure the NAV ONE antenna has a clear view of the sky.
Push buttons on front of unit do not work.	Power switch is turned off.	Turn the unit on with the button on the left side of the unit.
Vehicle icon or map does not move after driving some distance.	NAV ONE is not working properly.	Is NAV ONE GPS signal indicator green? If yes, go to next step. If no, go to "NAV ONE indicator will not turn green" step.
	Geographic area is not fully mapped.	Drive to a main road. If the map shows the road, the system is working properly, but the area is not fully mapped.

Product service

Product service · · ➔ **For any questions about operating or installing this new Cobra product, or if parts are missing... Please call Cobra first! DO NOT RETURN THIS PRODUCT TO THE STORE! See Customer Assistance on the inside back cover.**

If this product should require factory service, please call Cobra first before sending the product. This will ensure the fastest turn-around time on any repair. If Cobra asks that the product be sent to its factory, it will be necessary to furnish the following to have the product serviced and returned:

1. For Warranty Repair include some form of proof-of-purchase, such as a mechanical reproduction or carbon of a sales receipt. If the original receipt is sent, it cannot be returned;
2. Send the entire product;
3. Enclose a description of what is happening with the product. Include a typed or clearly printed name and address of where the product is to be returned;
4. Pack the product securely to prevent damage in transit. If possible, use the original packing material;
5. Ship prepaid and insured by way of a traceable carrier such as United Parcel Service (UPS) or Priority Mail to avoid loss in transit to:
Cobra Factory Service
Cobra Electronics Corporation
6500 West Cortland Street
Chicago, Illinois 60707 U.S.A.
6. If the product is in warranty, upon receipt of the product, it will either be repaired or exchanged depending on the model. Please allow approximately 3 – 4 weeks before contacting Cobra for status. If the product is out of warranty, a letter will automatically be sent with information as to the repair charge or replacement charge.

For any questions, please call 773-889-3087 for assistance.

Customer assistance, Non-English manuals and Trademark acknowledgement

Customer assistance

Cobra Electronics Corporation reserves the right to change or improve information in this manual without notice. Please visit www.cobra.com for updates or questions.

Should you encounter any problems with this product, Cobra Electronics offers the following customer assistance services:

For assistance in the U.S.A.

- **Automated help desk** (English only) 24 hours a day, 7 days a week at 773-889-3087 (phone).
- **Customer assistance operators** (English and Spanish) 8:00 a.m. to 6:00 p.m. C.S.T. Mon. through Fri. (except holidays) at 773-889-3087 (phone).
- **Questions** (English and Spanish) Faxes can be received at 773-622-2269 (fax).
- **Technical assistance** (English only) www.cobra.com (on-line: Frequently Asked Questions).
- **Technical assistance** (English and Spanish) productinfo@cobra.com (e-mail).

For assistance outside the U.S.A.

- **Contact your local dealer**

Non-English

This NAV ONE system is equipped to communicate in the language of your choice: English, French or Spanish.

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Warranty

Warranty ➔ **Cobra Electronics Corporation** warrants that its Cobra NAV ONE, and the component parts thereof, will be free of defects in workmanship and materials for a period of one (1) year from the date of first consumer purchase. This warranty may be enforced by the first consumer purchaser, provided that the product is utilized within the U.S.A.

Caution: Cobra makes no warranty as to the accuracy or completeness of the map data in the NAV ONE and disclaims any and all express, implied or statutory warranties, including any implied warranty of merchantability or fitness for a particular purpose. It is the user's responsibility to use this product prudently. This product is intended to be used only as a travel aid and must not be used for any purpose requiring precise measurement of direction, distance, location or topography.

Cobra will, without charge, repair or replace, at its option, defective NAV ONE products or component parts upon delivery to the Cobra Factory Service Department, accompanied by proof of the date of first consumer purchase, such as a duplicated copy of a sales receipt. The consumer must pay any initial shipping charges required to ship the product for warranty service, but the return charges will be at Cobra's expense, if the product is repaired or replaced under warranty.

This warranty gives the consumer specific rights, and he or she may also have other rights which vary from state to state.

Exclusions: This limited warranty does not apply: 1) to any product damaged by accident; 2) in the event of misuse or abuse of the product or as a result of unauthorized alterations or repairs; 3) if the serial number has been altered, defaced or removed; 4) if the owner of the product resides outside the U.S.A.

All implied warranties, including warranties of merchantability and fitness for a particular purpose are limited in duration to the length of this warranty.

Cobra shall not be liable for any incidental, consequential or other damages; including, without limitation, damages resulting from loss of use or cost of installation.

Some states do not allow limitations on how long an implied warranty lasts and/or do not allow the exclusion or limitation of incidental or consequential damages, so the above limitations may not apply to some consumers.

Accessories and Order form

Optional accessories ➔ These accessories are available for the 2750 model from a local Cobra dealer* or directly from Cobra*:

For pricing and to order by phone

Call 773-889-3087

(Press 1 from the main menu)

8:00 a.m. - 6:00 p.m. Central Time

Mon. through Fri.

(except holidays)

Make check or money order payable to:

Cobra Electronics Corporation
6500 West Cortland Street
Chicago, Illinois 60707 U.S.A.
Attn: Accessories Department

To order online

Please visit our website at:
www.cobra.com.



120V AC power supply for trip plan programming in-house



Carrying case



External antenna allows GPS signal reception in heavily shielded vehicles and those with heated or metallic coated windshields.

**The Map Update is available only by download from www.cobra.com or on DVD by telephone to Cobra's consumer response group at 773-889-3087.*

Optional mounting brackets ➔ Additional mounting bracket options, that may be more suited to your vehicle, are available at www.cobra.com.



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