

## **FAQ (Frequently Asked Questions) regarding the Silva Multi-Navigator™**

### **Why don't you have a fully graphic LCD?**

This GPS is designed to operate in very cold and hot environments. A graphic LCD will tend to get slow when updating the screen in cold weather. Old navigation information mixed with new data makes the LCD hard to read. This effect may start to be obvious in temperatures of only 0° degrees! Fast, correct and clear navigation is extremely important when navigating in winter during cold, dark or snowy conditions. The Silva Multi-Navigator™ is designed for serious outdoor users all the year round, not just for use in pleasant weather conditions.

### **But a graphic LCD can show more data simultaneously.**

It is the quality of the navigational information and not the quantity that is important. With clear, large and dedicated navigational information, the Silva Multi-Navigator™ is built to guide you through a cold winter's night, in heavy rain or snow, whether you're walking or driving your 4WD. In such harsh conditions, "*which way and how far to go*" is the most important information you need to know at a glance. However, if you also wish to know additional information like your ETA (Estimated Time of Arrival), current speed and time, X-track error etc etc, just a press on a button will display this equally clear, fast and without delay.

### **Why don't you have a 'bread crumb' display on the screen?**

To leave a 'bread crumb' display of your progress you need to have the GPS continually running tracking satellites. A 'bread crumb' display records a satellite position 'fix' every second. And at walking pace this means a 'fix' every few meters. Absolutely unnecessary! It uses heaps of battery power and runs down the batteries in a matter of a few hours. With the Silva Multi-Navigator™ you simply press just one button to have the built-in IntelliCompass™ display the distance back to base (your starting point) and to POINT YOU in the correct direction to start walking. This information is also available whilst standing still. (Not possible with a GPS without a built-in electronic compass). Then switch off satellite tracking and simply walk on the compass bearing. Every now and then take another 'one-button-press' satellite position update of distance and direction towards your starting point. This way the batteries in the Silva Multi-Navigator™ can last up to 2 weeks!

### **Why don't you have maps displayed on your screen?**

The maps available in hand-held GPS today are mainly road maps or sea charts and are mostly schematic. The Silva Multi-Navigator™ is a serious navigational instrument designed for use where the "road ends". i.e. in the great outdoors, such as the bush, mountains or off the beaten track in the Australian outback. And the only maps for use "out there" are the traditional topographic maps. Although the Silva Multi-Navigator™ will work perfectly well in a vehicle (even without an outside mounted antenna!), it is not designed merely to show you on which highway you are travelling.

### **Can the Silva Multi-Navigator™ work in extreme weather conditions?**

Yes, it will work in the most extreme weather and temperature conditions. The unit will receive satellite information down to -25°C and up to +70°C. The Multi-Navigator™ will also perform perfectly in harsh conditions such as foul overcast weather and throughout all regions of the world. It floats and is waterproof.

### **Will the Silva Multi-Navigator™ work in a car, plane, caravan, and forest?**

Satellite signals to many GPS receivers are absorbed or blocked by many materials, such as a car roof, tree cover, rain, snow, fog and therefore require a fairly clear view of the sky in order to function. The Silva Multi-Navigator™ will work inside a vehicle without an outside antenna and equally well under a forest canopy in extreme weather conditions. Crucial if you are to use a GPS in the great outdoors. Whilst the built-in electronic compass will work independently of satellite contact even indoors or underground in a cave!

### **How does the compass function work in the Silva Multi-Navigator™?**

Unlike other GPS units that require you to be moving in order to track your current direction, the Silva Multi-Navigator™ incorporates the IntelliCompass™ (an intelligent electronic compass) which shows your direction and distance to any selected waypoint even when you're standing still! It also adjusts itself automatically for local magnetic variation (declination), so you don't have to think about whether to add or subtract the difference between true and magnetic North when using topographic maps.

### **What is the advantage of having a built-in electronic compass?**

The most important aspect of a GPS receiver when navigating in the bush is "how long will the batteries last?". As mentioned earlier, a GPS receiver continuously tracking satellites will drain the batteries in a matter of hours. Because Silva's unique built-in IntelliCompass™ operates on very little energy, the Multi-Navigator™ enables you to keep navigating towards your waypoint with an absolute minimum battery drain. This function gives you the freedom to navigate for weeks instead of hours on just 2 AA batteries!

### **How do I enter waypoints into the Silva Multi-Navigator™?**

There are five different ways:

1. Store your present position
2. Store by entering a known Latitude/Longitude
3. Store by entering a known Grid reference
4. Store by using the unique MagniPointer™ function – just point and press
5. Using various software programmes in conjunction with your PC or laptop

### **What makes the Silva Multi-Navigator™ the easiest GPS to use to find your way back?**

One of the most important features GPS users want from their instrument is – *show me the way back to where I started from*. The 'One-Button GPS™' function of the Silva Multi-Navigator™ makes finding your way back easier than ever before. Pressing the 'return' button just once will automatically store your current position and point you directly to your original starting point (camp, car etc) showing the distance and direction to travel. The 'One-Button GPS™' feature eliminates the need to retrace your entire course to reach your starting point.

### **Why does the Silva Multi-Navigator™ have an Altimeter/Barometer function and how accurate is it?**

Most GPS receivers display elevation based on satellite information and can vary by as much as +/- 50 metres. This inability to detect the correct elevation can be a severe problem in foul mountain weather. The Silva Multi-Navigator™ incorporates a built-in altimeter that is based on atmospheric pressure and can detect differences in elevation within 1 metre! Whilst the barometer function will warn you of any imminent weather changes. So WHEN to go can be just as important as WHERE to go.

### **How does the Silva Multi-Navigator™ tell me my current position?**

The Silva Multi-Navigator™ uses state-of-the-art 12-channel receiver that has the ability to lock onto satellites faster than most GPS units on the market and provides position accuracy down to 5 metres without the use of expensive DGPS (differential) correction options. It can store 1000 different waypoints and 10 reversible routes each with up to 100 waypoints, track speed and your direction of travel. In addition it can store the accurate altitude of all recorded waypoints and display their current sunrise and sunset times.

### **Extra feature – area measurement.**

If you are a professional user like a forester, surveyor, crop sprayer, farm insurance assessor or rural estate agent, the Silva Multi-Navigator™ enables you to quickly display area measurement in acres or hectares within a boundary.

### **Where is the Silva Multi-Navigator™ made?**

Unlike most GPS receivers which are assembled in various Asian countries and come with only a 12 month warranty, the Silva Multi-Navigator™ is produced by Silva Sweden AB at their UK based electronics headquarters and is covered by an International 2 year warranty backed by an Australian after sales service base.

### **What makes the Silva Multi-Navigator™ a better choice than the Garmin eTrex Summit (the closest equivalent to the Silva Multi-Navigator™)?**

For a start, the Silva unit has large 6mm high display characters. Garmin's characters are only 2mm high and much harder to read. The Silva Multi-Navigator™ has a RRP of \$795 and includes a two-way neoprene carry case, 2AA Duracell alkaline batteries, a vehicle mounting cradle\*, a 12v cig/lighter power cable\* and an instructional movie CD. The Garmin eTrex Summit has a RRP of \$799, but the above accessories add a further \$216.40 making a total cost of \$1015.40

So the Silva Multi-Navigator™ having superior features is actually \$220.40 less expensive than the Garmin eTrex Summit when the above accessories are taken into consideration.

So when you ask where are we now? What altitude are we at? Will it work under tree cover? How can we easily find our way back? In which compass direction shall we go? What kind of weather can we expect? What time will the sun set? What time will it rise in the morning? The Silva Multi-Navigator™ will be your complete trusted guide in the great outdoors. So **“Get out there”™!**

(\* Currently included free-of-charge whilst stocks last).