

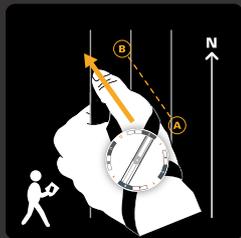
COMPASS MANUAL WRIST COMPASSES

HOW TO NAVIGATE

ORIENTING THE MAP TO NORTH

The easiest way to use a map and compass together is to orient the map towards north. Simply align the map meridians with the compass needle so that "up" on the map is pointing north. Now everything on the map is in the same direction as on the ground. When travelling along your route, remember to keep the map oriented at all times. By doing this it will be very easy to follow your route since turning right on the map also means turning right on the ground! Properly orienting the map is quick, easy and the best way to avoid unnecessary mistakes.

EASY AS 1-2-3 THE SILVA 1-2-3 SYSTEM

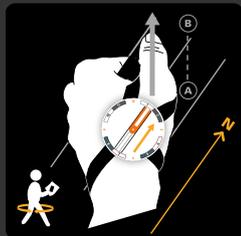


FIXED HOUSING

1-2-3

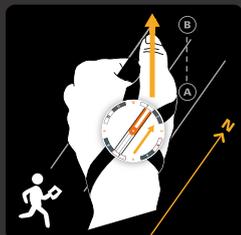
Place your compass on the map and use your **thumb** to make a straight line between your current position and your destination.

Make sure the thumb points towards your destination.



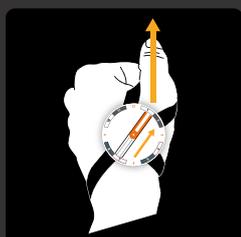
1-2-3

Turn yourself and the compass until the **compass needle** is parallel with the **map meridians** and the orange/red part points north on the map.



1-2-3

Now the **thumb** will point towards your destination. Take a landmark and start moving. Enjoy!



SPECTRA HOUSING

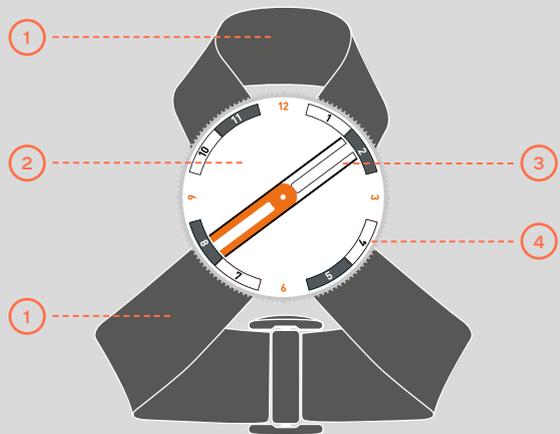
After **step 2** - note the Spectra reference number that the **needle** is pointing at. In **step 3** - the **thumb** will point towards your destination as long as the **needle** points at the number from step 2.



BASIC COMPASS FEATURES

WRIST COMPASSES

With basically the same features and user area as a thumb compass, but placing an even greater **emphasis on speed over accuracy**. The wrist compass has no baseplate. It consists solely of a needle capsule strapped at the base of the thumb. The thumb serves the function of a baseplate when taking and sighting bearings. The wrist compass can be used on either left or right hand. It is often used for city/park race orienteering, MTB orienteering or Adventure racing.



1 WRIST BAND

2 LIQUID FILLED CAPSULE

3 COMPASS NEEDLE

4 SPECTRA SPEED DIAL

1 WRIST BAND

With the compass attached to the wrist, you get both hands free, which gives you more flexibility when holding a map, scrambling on rocky ground etc. The wrist compass can be used on either left or right hand. The wrist band is strapped at the base of the thumb; the thumb serves the function of a baseplate when taking and sighting bearings. The wrist band is adjustable for optimal fit.



2 LIQUID FILLED CAPSULE

The capsule is filled with anti-static liquid (customized formula) that ensures clear reading, fast settling time, perfect dampening, stability and accuracy of the needle.

3 COMPASS NEEDLE

The magnetic needle features a combination of a sapphire jewel bearing and a hardened steel pivot that minimises friction, which in turn gives rapid and accurate movements. Magnetic north direction accuracy: 1 degree. The orange end points to magnetic north!

Our wrist compass needles come in two different versions:

JET 2.0 needle: provides world class performance in needle speed and settling time and it offers outstanding reliability and stability.



Steel needle: Swedish high quality, stainless steel, stable and distinct





COMPASS MANUAL

WRIST COMPASSES

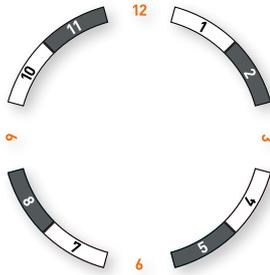
BASIC COMPASS FEATURES

WRIST COMPASSES

4 SPECTRA SPEED DIAL

Originating from the Silva Spectra System and developed to simplify your orienteering. The Spectra speed dial consists of reference marks and numbers on the **capsule**.

You just need to memorize the number that the **needle** is pointing at after completing step 2 of the **Silva 1-2-3 system** and the **thumb** will guide you in the right direction as long as the needle stays pointing at that number.



Designed like a clock, the speed dial is easy to read and memorize and enables you to move faster and more accurately while orienteering. No matter if you are an elite or leisure orienteer - the Spectra speed dial will help you stay on the right course at high speed while reducing mistakes.

You will become faster by navigating more accurately, if you think more clearly. During periods of high stress and extreme physical work we know that the brain does not get as much energy as at rest. Sometimes you think less rationally. The tougher the work, the harder it is to make the right decision and do the right thing - quickly. To think clearly, you have to keep things simple.

With the Spectra compasses you have an easier system and clearer reference points, which help you keep the right directions at competition speed.

● USING SPECTRA WITH THE 1-2-3 SYSTEM:

1. Place your compass on the map and use your **thumb** to make a straight line between your current position and your destination. Make sure the thumb points towards your destination.
2. Turn yourself and the compass until the compass **needle** is parallel with the map meridians and the orange part points north on the map. Note the reference number that the needle is pointing at and memorize it. (for example "two o'clock").
3. Your **thumb** will point towards your destination as long as the **needle** points at the reference number from step 2 (two o'clock). Take a landmark and start moving.

● ADVANTAGES WITH THE SPECTRA SPEED DIAL:

- You don't need to hold the compass orientated on the map, in order to travel on the desired bearing.
- You can run on a compass bearing at high speed.
- You have more freedom to choose whether to run with the map and compass in the same hand or with the compass in one hand and the map in the other.
- The use of marks and numbers as reference points reduces the risk of making mistakes at extreme levels of physical and mental fatigue.
- The use of the clock design makes the teaching and learning of how to use the compass easier. It simplifies the explanation of how to use a map and compass to youths and beginners.
- The grey/white/transparent segments and orange numbers are easier to find and focus on, especially at high speed and you can correct your direction without stopping.

MORE INFORMATION

TAKE CARE OF YOUR COMPASS

A Silva compass will, if treated carefully, be a navigation partner for many, many years. Always check that your compass is functioning properly before heading out.

- Never expose your compass to extreme temperatures (high or low) – this can deform the plastics with a leaking compass capsule as a result.
- Avoid dropping the compasses on hard surfaces and handle it with care.
- Don't store or place the compass close to strong magnetic fields such as knives, mobile phones, radio speakers, magnets etc. This can cause reversed polarity of the compass needle which will result in it pointing south instead of north.

WARRANTY

Silva warrants that, for a period of five (5) years, your Silva product will be substantially free of defects in materials and workmanship under normal use. Silvas liability under this warranty is limited to repairing or replacing the product. This limited warranty extends only to the original purchaser. If the product proves defective during the warranty period please contact the original place of purchase. Make sure to have your proof of purchase on hand when returning the product. Returns cannot be processed without the original proof of purchase. This warranty does not apply if the product has been altered, not been installed, operated, repaired, or maintained in accordance with instructions supplied by Silva, or has been subjected to abnormal physical or electrical stress, misuse, negligence or accident. Neither does the warranty cover normal wear and tear. Silva is not responsible for any consequences, direct or indirect, or damage resultant from use of this product. In no event will Silvas liability exceed the amount paid by you for the product. Some jurisdictions do not allow the exclusion or limitation of incidental or consequential damages, so the above limitation or exclusion may not apply to you. This Warranty is valid and may be processed only in the country of purchase.