

We want you
to run free



DIGITAL GUIDES FOR VISUALLY IMPAIRED ATHLETES

An audio guidance system that enables the visually impaired to follow digitally designed paths and move without a companion

FOR VISUALLY IMPAIRED

A digital guide system that enables people with impaired vision to enjoy sports and everyday trips without being accompanied by a guide. Popular activities are for example running, cross-country skiing, alpine skiing, long jump, skating, kayaking and hiking. The digital guide is also convenient in your everyday life, for walking to school, the grocery store, the gym etc. without a companion.

NAVIGATE WITH AUDIO SIGNALS

While following a pre-recorded digital path, you hear infrequent signals in both ears. If you stray off the path, the side facing the center turns silent, while the signal gets increasingly frequent in the ear furthest away from center. This makes it easy to keep in the center while moving along a digital path.



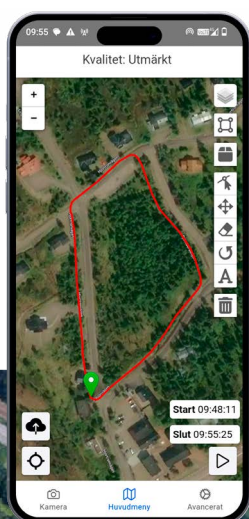
WHAT TO CARRY

Wireless earphones and the Nordic Evolution guidance module, which is 14 cm high, weighs about 100 grams and is worn with a custom headband. The system requires a WIFI-network which can be generated by a smartphone.

AN UNIQUE GUIDE SYSTEM

The compact Nordic Evolution guidance module includes a high-precision GPS that connects to several satellite systems and with a unique series of sensors, the system offers an average position accuracy of 10 cm in the majority of Sweden. In optimal environments, the system can reach an accuracy of 1 cm. This precision, combined with a sophisticated and intuitive computer interface, enables users to easily create and follow their own paths, as well as sharing them with other users. As of today, the Nordic Evolution guidance system is solely adapted to the local network conditions in Sweden, so please contact us for use in other countries.

OUR MOBILE APP



EARPHONES



GUIDANCE MODULE



HOW TO SET UP NAVIGATION

First you create the digital path you would like to follow, or you use the user-generated paths in our database. You can record a path by moving the module over the ground, but you can also design the path on a map in our mobile app. Then you set up the type of audio signals that you would like as a guide along the path. Besides GPS navigation you can set distance marks, information about slopes or other places of interest, it's up to you!

