



TIMING FOR ORIENTEERING

Emit has developed, produced and sold timing equipment for orienteering since 1994, when our Electronic Punching- and Timing-system was introduced.

This brochure gives you an overview of our new products for orienteering, with a short explanation of functionality and compability.



E-card ver.5

The ver.5 e-card is the newest version of our original e-card from 1994. The e-card has been through several significant upgrades over the years, latest in 2015 with new and improved electronics. This year's version has a deep blue colour.

The ver.5 e-card is compatible with all control units, ePost controls and the new TFP controls.



E-card ver.6

The ver.6 e-card is new this year, and has a built-in led, that flashes for 5 seconds when a control is registered (punching). The ver.6 e-cards also has more sensitive electronics than the ver.5 e-card, which means a correct punching can be confirmed faster. This year's version has a deep blue colour, with an artistic foil on top - where the led is embedded.

The ver.6 e-card is compatible with all control units, ePost controls and the new TFP controls.



emiTag 2016

The emiTag-chip is an active, electronic timing chip, that can be used in a variety of sports. It has been produced and sold since 2006, and has been used as official timing unit for orienteering since 2010. The 2016-version of the emiTag has been through a significant upgrade process with new electronics incl print-card, new plastic housing and a new elastic fastening-strap - especially suitable for orienteering. The built-in led flashes for 5 seconds when a control is registered.

The emiTag is compatible with TFP controls and the new TFP controls, but cannot be used with standard control units or ePost controls.





CONTROLS

Control unit

The control unit has been in production since 1994. All control units has a hardcoded code varying from 31 to 249, which corresponds with the placement of the backup spike. Optional led.

The control units are compatible with all e-cards, but not the emiTags.



ePost controls and eLink

The ePost controls were introduced in 2015. They are identical to the standard control units with one exception; all punches are broadcasted by the internal radio transmitter. By combining an ePost control with an eLink, online intermediate times can easily be available.

The ePost controls are compatible with all e-cards, but not the emiTags.

Touch-Free Pro (TFP) controls

The TFP controls were introduced in 2010, and have been used at several championships. This year's version has been upgraded and improved, and will be used at WOC 2016 in Sweden. The signal range with emiTags is up to 80 cm standing still, while it is approximately 30 cm moving at high speed. E-cards must be positioned on the designated area to get an approved punching. TFP controls are made with codes from 100 to 199, plus START and FINISH.

The TFP controls are compatible with all e-cards and emiTags.



Touch-Free Trainer (TFT) controls

The TFT controls were introduced in 2010, and are made for use in permanent courses, school orienteering and practise. They are powered by two AA batteries, which lasts for one season. The signal range is approximately 30 cm standing still. TFT controls are made with codes from 100 to 199, plus START and FINISH.

The TFT controls are compatible with emiTags.



READERS

Mini Time Recorder MTR4

The MTR4 has been our main reader for years. Prints split-times and transfers data to a PC. Comes in a handy plastic case - with thermal printer EPR3 and necessary cables.

Compatible with all e-cards.



Maxi Time Recorder MTR5

The MTR5 has been for sale since 2013. It is a natural continuation of the MTR4, and reads all type of e-cards and emiTags. Split-times are printed on the built-in thermal printer, and the data is transferred to a PC by a USB cable.

Compatible with all e-cards and emiTags.

ECU reader

The ECU was introduced in 2010, and is mainly used for reading emiTags at the finish. It can also be used for testing and re-programming of emiTags.

Compatible with emiTags.



eScan

The eScan is our new reader. It is shaped like a barcode-reader, and reads all types of e-cards and emiTags. The readout is transferred by bluetooth to the thermal EPB printer - which prints the split-times. Data may also be transferred to a PC using a USB cable.

Compatible with all e-cards and emiTags.