

Lap functions

Lap detection

Question:

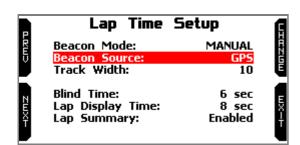
How does different LAP detection modes work?

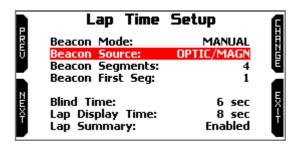
Answer:

Two Beacon Modes are available: automatic and manual. Both can be set via MyChron5 keyboard.

- Automatic: in this mode the device understands the kart position in each moment and in any point of the track using both GPS and OPTIC/MAGNETIC sources at one time.
- Manual: this mode provides two additional sources:
 - o GPS (default setting): track width has to be specified
 - o OPTIC/MAGNETIC: number of segments and first segment have to be specified

Blind time, LAP display time and LAP summary are to be set for both beacon modes.





Moreover a new feature has been developed: "Assisted Magnetic LAP Time": if the system misses a
magnetic strip (LAP or splits), GPS will recover the missing point with the coordinates it has stored
for the point during the session. This function is permanently "ON", because it is a solution to one
of the most common failures of magnetic strips.