

### **UniLog Limiter BETA v1.07b**

Complete package with UniLog 1.07b and pertinent update UniDisplay v1.13a and Excel v1.06c. This firmware makes possible the use of the UniLog as Limiter for energy for the competition classes F5B, F5F and F5D.

**It concerns here BETA firmware, which is to be used with appropriate caution. Since the UniLog intervenes actively now in the servo signal, only the automatic controller channel may be led through the UniLog starting from this version. When the “limit” is reached a servo impulse of 900 “us” is sent to the automatic controller. It must be guaranteed that thereby the drive is switched off.**

### **Release notes for UniLog Limiter Beta version v1.07b**

1. Changes: UniLog firmware compared with the current v1.06
2. The energy limit is freely adjustable over Excel and the UniDisplay
3. According to current rules (CIAM) with a setting of under 1150 Wmin the Limiter works with a release of the engine after 10 s (F5D 1000 Wmin), and with a setting of over 1150 Wmin ends with a permanent shutdown (F5B 1750 Wmin and F5F 1300 Wmin)
4. When switching on, first the orange LED shines for 2 s, with Limiter with release (F5D) selected also the green LED shines
5. The energy counter is set only when switching on to 0 and cannot then be reset again (*dickw note – have to power down the logger to reset – clearing memory does not work*)
6. The Limiter is independent of the logger (*dickw note – the logger can be reset by starting a new log, but not the energy counter*)
7. When the limit is reached the red LED flashes continuously
8. With limit selected A3 automatically becomes the energy stored and can be indicated in the UniDisplay or Excel
9. With limit-selected the recording rate is automatically set to 16 cycles per second
10. Power consumption of under 25 Watts (e.g. BEC) is ignored during the energy counting
11. With Failsafe (no servo impulse is received by the UniLog) the output of servo impulses is also stopped - e.g. if the receiver is switched off
12. UniDisplay and Excel software are adapted to the new UniLog version