

IQ-Compeo Vers. 2.18

Changes since the last versions

Version 2.11	19.03.03	<ul style="list-style-type: none"> ▪ IGC records with “ Digital Signature “ ▪ Input of Glider Type and Glider ID ▪ Function to activate optional Software ▪ NMEA data seriell output similar to \$GPRMC line can be activated with an optional code ▪ Adjustable time constant (0,5 ... 10 min) for the day specific climb averager ▪ Correction of a faulty memory organisation when overwriting the physical end of the flash memory
Version 2.12	7. May 03	<ul style="list-style-type: none"> ▪ Any route can be copied to the FAI route (button Mark) ▪ Each Waypoint can have its own Cyl.-Radius (default = 400m) ▪ Any WP in the FAI-route can be the Start-Cylinder ▪ An optional second Start-Cyl. can be determined ▪ After exiting the Start-Cyl. the instrument switches automatically to the next WP. With button F1 one can choose: previous or next WP ▪ In the center of the compass there is a second, transparent arrow showing the direction to the next but one WP ▪ Adjustable time delay for the McCready sound after leaving a thermal (default = 7 sec) ▪ Adjustable acoustical gap in % of the day specific climb between McCrdy Ring = 0 and start of McCrdy sound ▪ If Record Mode is set to “Manual” start of recording begins 1 min. after switching on the instrument ▪ 3 different L/D ratios : L/Dair L/Dgnd L/Dreq can be set individually in the user selectable fields ▪ Invalid signature if a simulation is recorded ▪ SW repair of an error by calculating the distance list of WP ▪ Correct copy RAM -> flash ▪ 100% volume for FAI sound and Mark
2.13a	21.July 03	<ul style="list-style-type: none"> ▪ Calculation of “Distance to WP” always to its centre ▪ Automatic recognition of the new GPS-modul GH80 ▪ In realtime mapmode the display notation is linked with the record interval; a much longer representation of the flown track is performed. ▪ New Setup of the FAI-Route; same WP can be used with different radii; please read the manual 2.13. ▪ Opening the case will falsify the digital signature . ▪ New switching ON procedure to protect the unit against switching ON by mistake. ▪ Automatic recognition of “End of record” prolonged from 30 to 60 seconds. ▪ Waypoint list in alphabetical order ▪ Waypoint list scrollmode in a continous loop

2.14	03.Nov.03	<ul style="list-style-type: none"> ▪ Circular analog vario scale ▪ New analog speed scale with visible stall speed ▪ 3 user selectable pages with 5 or 7 data values each ▪ fast changing between these pages with arrow right button ▪ Adjustment of A1 blocked during recording ▪ Goto list with distance and bearing to the WPs ▪ Climbing sound with adjustable pitch ▪ Error correction with digital signature ▪ Analog speedscale for PGs from 20 ... 60 km/h ▪ Inverted display of Alt a.WP and Alt a.BG if these values become positive
Version 2.15	15.March 2004	<ul style="list-style-type: none"> ▪ Setting of 192 different geodetic map systems ▪ Advanced security during recording by direct writing of the track data to the flash memory ▪ New user field FL (ft) Flight level based on 1013 hPa ▪ Disabled change of userfields during a flight ▪ Adjustable acoustic deadband for any McCready ring value ▪ Automatic or manual input for head- or tail-wind ▪ Expanded settings with the softkeys F1 and F2 ▪ Expanded possibilities in simulation mode: Adjusting of altitude and changing of the user field pages ▪ Adaption to the PC-program "Flychart" to change the instrument settings or download of tracks or waypoints

Attention:

After installing the firmware version 2.15 you must clear and reformat the flight memory because of the new direct writing into the flash memory. To do so, please only use the command "Erase all records" in the Basic Settings.

Version 2.16	25.07.04	<ul style="list-style-type: none"> ▪ Error correction : Switching on during flying created wrong start time and start date. ▪ Error correction: When setting up Competition Routes sometimes wrong cylinder radii occurred. ▪ When copying a Route to the Competition Route all cylinder radii are reset to 400 m ▪ Graphical display of max. 10 restricted flight areas. A user field shows distance to CTR; Alarme if too close ▪ Changeable units : Km - miles ▪ Improved climbing acoustic ▪ Permanent (1/sec) output of NMEA data lines \$GPRMC for navigational programs \$VMVABD output of flight specific data \$BRSF Optional output of special functions ▪ In the Flight Analysis : Button F2 recalculates the digital signature
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Attention:

Before using the CTR function you must reformat the part of the memory, where the flight restricted areas have to be stored. Please use the command "Init CTRs" in the Basic Settings.

Version 2.17	31.01.2005	<ul style="list-style-type: none"> ▪ Because of misconceptions with the different geodetic map systems we took out this function; Only WGS84 is valid ▪ New user field: “Dist.t.Goal “ is counting up all sections in front of the pilot when flying according a route ▪ New user field: “Alt ab.Goal” precalculated height above or below the path of best glide of a route, including all turnpoints in front of the pilot. The wind is taken into account. ▪ When flying without speedprobe a calculated Air-Speed is displayed ▪ Recording speed resolution is 1 km/h
Version 2.18	10.Feb.05	<ul style="list-style-type: none"> ▪ Error correction of Vers.2.17 ; wrong digital Signature