

DBI3-V01	URRA
dbi3_v01_r1_6_0_2020_10_04_1.odt	DBI3 V0.1 FW rev 1.6

## DBI3 V01 Firmware version 1.6

### Max Values Info Page

A **MAX** value **INFO** page is added. Max values for:

- Altitude
- Baro setting when max altitude was stored, displayed together with stored max altitude
- Climb
- Descend
- Top Temp
- Speed Over Ground

are stored and displayed with **MAX** page selected. Values are reset from instrument power on.

### Loss of Top Temp function

A possible loss of top temp function has been corrected. Problem occurred when rate of foreign messages received was high.

### Added UTC time Readout on Display

Double pressing **Fn** button replace Elap-time display with UTC-time for a 4 second fixed timeout.

The normal **Fn** button double press Altimeter Unit Toggle (AUT) function is still there.

### Faster TOPT Code setup function

While setting TOPT Code, press and hold up/down button will automatically switch over from x1 to x10 to x100 then x1000 increment/decrement. Saves time and lowers Pilots In Command blood-pressures.

DBI3-V01	URRA
dbi3_v01_r1_6_0_2020_10_04_1.odt	DBI3 V0.1 FW rev 1.6

## Command Line Interface FW rev 1.6

### *Perform warm reboot*

**rst** - restart system

### *Show help contents*

**?** - show help

### *Initialize Real Time Clock*

**ri** - rtc init

### *Set Real Time Clock*

**rs yyyy mm dd hh mm ss** - rtc set

### *Power off instrument*

**po** - turn hard off

### *Simulation mode on or off*

**sm on|off** - sim data

### *Set instruments units*

**su alt {feet|meter} | roc {fpm|mps} | bar {ihg|hpa} | temp {fahr|cent} | sog {knot|mps|kmh|mph}**

- set units

DBI3-V01	URRA
dbi3_v01_r1_6_0_2020_10_04_1.odt	DBI3 V0.1 FW rev 1.6

### *Set instrument alarms*

**sa alth {off|value} | altl {off|value} | clmb {off|value} | desc {off|value} | topt {off|value}** - set alarm

### *Set instrument functions*

**sf aut {off|static|timeout} | frs {off|pon|toff|toffc|lapc} | aof {off|on} | dat {222-0}** - set funcs

### *Set instrument variometer*

**sv resp {6.0-1.2} | audio {off|on} | clmbt {value} | desct {value}** - set vario

### *Set instrument top and ambient temp code*

**st top {4-1} {off|9999-1} | amb {2-1} {off|9999-1}** - set topt

### *Get instrument unit settings*

**gu alt|roc|bar|temp|sog** - get units

### *Get instrument alarm settings*

**ga alth|altl|clmb|desc|topt** - get alarm

### *Get instrument function settings*

**gf aut|frs|aof|dat** - get funcs

### *Get variometer settings*

**gv resp|audio|clmbt|desct** - get vario

DBI3-V01	URRA
dbi3_v01_r1_6_0_2020_10_04_1.odt	DBI3 V0.1 FW rev 1.6

*Get top and ambient temp code settings*

**gt top{4-1}|amb{2-1}** - get topt

*Set defaults (settings), metric, imperial or urb*

**sd met|imp|urb** - set defaults

*File system commands*

**fs vinit|vdel|start|stop|list|del [filename]|read[filename]|state|clear** - file system

*Set nonvolatile info parameters*

**si mod|brd|date|loc{adr} str** - set info

*Get nonvolatile info parameters*

**gi mod|brd|date|loc{adr}** - get info

*Set console mode*

**md mach|con** - set CLI mode, machine or console

*Print instrument serialnumber*

**sn** - print serialnumber

*Print firmware version*

**vr** - print firmware version

DBI3-V01	URRA
dbi3_v01_r1_6_0_2020_10_04_1.odt	DBI3 V0.1 FW rev 1.6

*Get windlog data*

**gl** {360-1} - get wlog data

*Read instrument flight data*

**rd presm|presb|bar|alt|roc|top|amb|ambc|ambw|lap|long|lat|sog|cog|utc|msl|all** - read DBI3 flight data

*Read instrument battery status*

**cc** - battery fuel gage