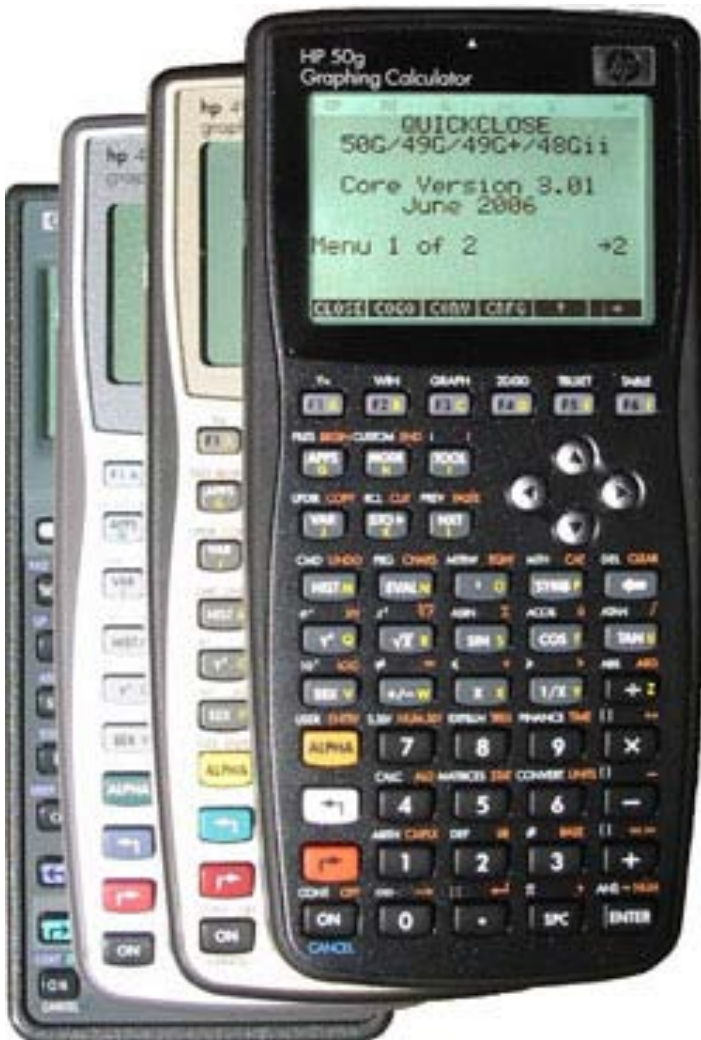


QUICKCLOSE

*Land Surveying and Geodesy software
for the HP50G Graphing Calculator
(earlier HP calcs also supported)*



Professional Version

\$179

(includes printed manual & GST)

Upgrade

from Version 1 or 2

\$89

(includes printed manual & GST)

Educational Version

\$109

(includes electronic manual & GST)

- Thoroughly tested & documented
- Manual full of worked examples
- Life-time warranty & user support
- Free upgrades (for current version)
- Used by 2500+ surveyors worldwide
- PC and Pocket PC emulators

Download the demo version and full documentation at:

www.quickclose.com.au

PO BOX 1364, Carlton, VIC, 3053, AUSTRALIA
quickclose@quickclose.com.au

QUICKCLOSE Feature Listing & Comparison between Version 2 & 3

CLOSE MODULE	Ver 2	Ver 3	COGO MODULE	Ver 2	Ver 3
Compute misclose	✓	✓	Easy entry of coordinate data	✓	✓
Compute 2 missing distances	✓	✓	Entry of height (RL) data option		✓
Compute 2 missing bearings	✓	✓	View, edit & delete data	✓	✓
Compute missing bearing & distance on diff. lines	✓	✓	Job storage limit	6	any
Insert missing elements into data		✓	user-defined job descriptor		✓
Compute area	✓	✓	Compute coordinates by traverse	✓	✓
Display area in square feet		✓	Compute traverse misclose	✓	✓
Display area in acres, roods, perches		✓	Compute radiations (sideshots)	✓	✓
View and edit data entry	✓	✓	Compute inverses/joins (stakeout)	✓	✓
Job storage limit	6	any	Compute inverses/joins in traverse mode		✓
user-defined job descriptor		✓	Compute points by line & offset		✓
Compute coordinates	✓	✓	Compute points on curve by chainage & offset		✓
Print coordinates to IR printer	✓	✓	Compute intersection of two bearings	✓	✓
Export coordinates to COGO module	✓	✓	Compute intersection of two distances	✓	✓
Quick resume data entry	✓	✓	Compute intersection of brg & dist (different lines)		✓
Print data to IR printer	✓	✓	Compute 3 point resection	✓	✓
Print data to ASCII text file		✓	Compute area from points	✓	✓
Summation of partial distances		✓	Setout (stakeout) by line & offset	✓	✓
Easy entry of reverse bearings	✓	✓	Setout (stakeout) arc by chainage & offset		✓
Easy undo of data entry	✓	✓	Compute eccentric stand point		✓
Convert feet, inches, fractions to metres	✓	✓	Compute two point resection		✓
Convert survey links to metres	✓	✓	Apply preset bearing corrections	✓	✓
Convert US Survey decimal feet to metres		✓	Apply preset scale factor to distances	✓	✓
Convert deg, min, sec to Decimal and vice-versa		✓	import ASCII coordinate file	✓	✓
convert area units		✓	Import/export format options		✓
On-the-fly bearing corrections	✓	✓	print coordinate data to IR printer	✓	✓
Entry of curved elements (curved boundaries)	✓	✓	Export ASCII coordinate file	✓	✓
Compute arc length & segment area	✓	✓	Export COGO data to CLOSE module	✓	✓
Mean of two deg, min, sec angles		✓	Bowditch adjustment (1 fixed pt)	✓	✓
Display of last data entry (number of entries)	2	7	Bowditch adjustment (2 fixed pt)		✓
Bowditch adjustment (1 fixed point)	✓	✓	Bowditch adjusted area from points	✓	✓
Bowditch adjustment (2 fixed point)	✓	✓	Rotation (swing) of coordinate data	✓	✓
Bowditch adjusted area	✓	✓	Scale coordinate data		✓
Rotate (swing) data	✓	✓	Translation (shift) of coordinate data	✓	✓
Scale current data by scale factor		✓	Height shift of data		✓
UTILS MODULE	Ver 2	Ver 3	compute 3D radiations / sideshots		✓
Compute road intersection secants (with diff. widths)	✓	✓	Curvature and refraction option		✓
trigonometric heighting	✓	✓	Compute 3D join / inverse (stakeout)		✓
Compute radiations (sideshots)		✓	GEOD MODULE	Ver 2	Ver 3
compute joins/inverses (radial stakeout or setout)		✓	ellipsoidal to grid & cartesian conversion	✓	✓
polar to rectangular conversions	✓	✓	data entry in any coordinate format	✓	✓
Solve fixed area (cut area) problems (by swing/shift)		✓	View, edit & delete data	✓	✓
compute circular curve data from known elements	✓	✓	print coordinate data to IR printer	✓	✓
compute chord truncations at corner	✓	✓	import ASCII coordinate file	✓	✓
compute missing line measurement (tie)	✓	✓	Export ASCII coordinate file	✓	✓
Traverse using left/right angle observations		✓	coords from ellipsoidal distance & grid bearing	✓	✓
LEVEL Module	Ver 2	Ver 3	coords from grid bearing and ground dist		✓
Enter and reduce level observations	✓	✓	compute coords by cartesian difference		✓
view and edit level observations		✓	compute grid convergence & scale factor	✓	✓
adjust levels		✓	compute arc-to-chord and line scale factor	✓	✓
CONFIGURATION & OPERATION	Ver 2	Ver 3	combined height and grid scale factor	✓	✓
Update software without re-install		✓	GDA94, WGS84, AGD and ISG setup	✓	✓
Backup of data to PC/SD card/Flash ROM		✓	configure for any Transverse Mercator projection		✓
Life-time user support by email	✓	✓	apply block shift to data		✓
free updates within current version	✓	✓	edit 4-7 transformation parameters	✓	✓
Multiple licence discount		✓	option to fix UTM grid zone		✓
Azimuth or quadrant bearing option		✓	Azimuth by sun/star hour-angle obs	✓	✓
North or South Azimuth setting		✓	Azimuth by sun/star altitude obs	✓	✓
Configure coordinate order	✓	✓	ROAD MODULE	Ver 2	Ver 3
metres/US survey feet/Links configuration	✓	✓	setout circular curve centreline or offset	✓	✓
Configure decimal places for display	✓	✓	enter horizontal road alignment		✓
Comprehensive user reference manual	✓	✓	setout (stakeout) road alignment		✓
worked program examples in user manual		✓	clothoid spiral option	✓	✓