

Software by D'Zign

Product Comparison Chart

When you need to decide which of our Version 2 pacs for the hp49g+ and HP50g best suits the type of work you do (and your budget), you first need to know what the contents of each pac includes. To help with this, we have furnished our dealers with this product contents chart. For specific questions or to find a Dealer near you, visit the D'Zign website at www.SoftwareByDZign.com

D'Zign Basic Cogo + \$175		
D'Zign Surveying Pac \$275		
D'Zign Transportation Pac \$375		
WORKING WITH ANGLES		
Add & Subtract in D.ms		
D.ms Trigonometric Functions		
Division in D.ms		
Multiplication in D.ms		
D.ms Azimuth to Bearing		
D.ms Bearing to Azimuth		
Add /Subtract Angle to Bearing		
Convert D.ms to Decimal Degrees	Built-in HP50g function	
Convert Decimal Degrees to D.ms	Built-in HP50g function	
HORIZONTAL CURVES		
Circular Curve Calculations		
Layout by Deflection – Chord		
Layout by Tangent – Offset		
Layout by Chord – Offset		
Layout by P. I. Angle & Distance		
Layout by Chords		
Layout by Arc Angles		
Radial Stakeout by Point #		
Radial Stakeout by Coordinates		
Stakeout by Station – Offset		
Curve Through 3 Points Solution		
Curve Common to 3 Tangents		
Spiral Curve Calculations		
Spiral Layout by Station – Offset		
VERTICAL CURVES		
Symmetrical Vertical Curves		
Asymmetrical Vertical Curves		
High / Low Point Elevation		
Vertical Intersections		
Vertical Tangent Calculation		
Continuous Vertical Alignments		
Interval Constant Option		
Additional Station Input		
Grades Between Known Stations		
Vertical Curve Through Fixed Point		
Vertical Grade Breaks (V.P.I.s)		

D'Zign Basic Cogo + \$175		
D'Zign Surveying Pac \$275		
D'Zign Transportation Pac \$375		
<i>Vertical Curves (Continued)</i>		
Station when Elevation is Known		
COORDINATE GEOMETRY		
Pre-Determined Areas (hinge)		
Pre-Determined Areas (triangle)		
Coordinate Rotation		
Coordinate Scaling		
Coordinate Translation		
A.L.T.A. Corner Returns		
2 – Point Resection		
3 – Point Resection		
Radial Stakeout by Point #		
Radial Stakeout by Coordinates		
INTERSECTIONS		
Automatic Inverse Output		
Bearing – Bearing		
Bearing – Distance		
Distance – Distance		
Offset to a Line		
Multiple Offsets		
Vertical Intersections		
Curve to Curve Intersection		
Line to Curve Intersection		
TRIANGLE SOLUTIONS		
Angle – Side – Angle		
Side – Angle – Angle		
Side – Angle– Side		
Side – Side – Angle		
Side – Side – Side		
Area – Angle – Angle		
Area – Side – Angle		
Area – Side – Side		
VOLUME CALCULATIONS		
Average End Area Volumes		
Borrow Pit / Mound Volumes		
Cross – Section Areas		
Cut and Fill Area Volumes		

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TRAVERSE, INVERSE & SIDESHOTS		
2 – Dimensional Traversing		
3 – Dimensional Traversing		
Directions in Bearing or Azimuth		
Angle input by Angle Right		
Angle input by Angle Left		
Angle input by Deflection Right		
Angle input by Deflection Left		
Code Function Recalls Bearings		
Code Function Recalls Perpendicular		
Angle input by Deflection Left		
Slope Distance Input		
Horizontal Distance Input		
Single Keystroke Calls Sideshots		
Inverse to Point Number		
Inverse to Coordinates		
Direction and Distance Output		
Mean Reverse Reciprocals		
Mean Vertical Circle		
Work in Meters or Feet		
Closure Calculations		
Precision and Area Output		
Curved Side Traversing		
Compass Adjustment		
STAKEOUT		
Radial Stakeout by Point #		
Radial Stakeout by Coordinates		
Come / Go – Cut / Fill		
Offset Stakeout		
Road Layout		
Slope Staking		
PARAMETERS & SETTINGS		
Azimuth or Bearing		
User Decimal Constants		
Stakeout w/ Azimuth or Angle Right		
Work in Meters or US Survey Feet		

D'Zign Basic Cogo + \$175		
D'Zign Surveying Pac \$275		
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ALIGNMENT / OFFSET		
Continuous Horizontal Alignment		
Store Alignments with up to 8 Segments		
Recall Alignments		
Tangents		
Circular Curves		
Spiral Curves (Exit and Entrance)		
Spiral Curve Systems		
Spiral Radial Output		
Equation Stations		
Angle Points (P. I.s)		
Multiple Offsets at any Station		
Set Constant Intervals Option		
Set Offset Constant Option		
Locate by Station / Offset		
Locate by Coordinates		
Convert Coordinates to Station / Offset		
Automatic Radial Stakeout Option		
Automatic Store Calculated Points		
Automatic Description Input		
SLOPE STAKING		
Flexible Template Factors		
Adjust Slope Ratios		
Adjustable Rod Heights		
Full Slope Stake Data Output		
Automatic Reference Point Location		
Right Angle Reference Option		
Store Data for Slope Stake and R. P.		
Printable Output to IR Printer		



D'Zign Version 2 File Convertor

Transfer and Transformation software to let the user convert HP files to and from ASCII format for use with Cadd programs on the PC. Also includes a PDF instruction booklet for use of the program, with an update for the calculator's Operating System and the instructions for upgrading the calculator to the newer Operating System. \$65.00