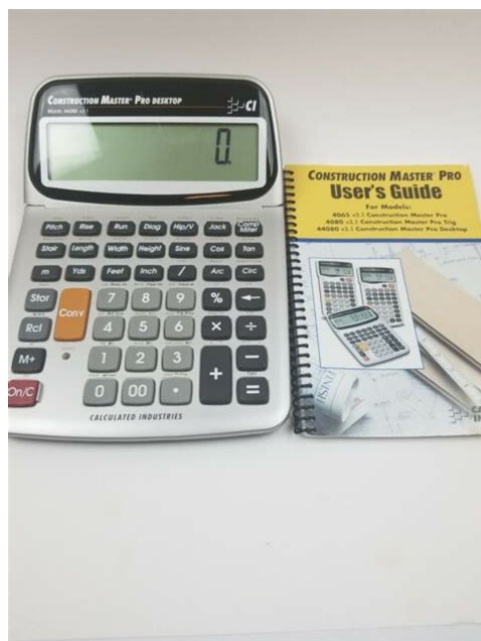


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Book Descriptions:

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This User's Guide helps you solve common construction math and Page 3 Dimensional Measurement Unit Keys INTRODUCTION. The Construction Master Pro line includes the most advanced feet Page 5 Weight Keys Cubic Conversions. Pressing once clears C7 Centimeters cm — Enters or converts to C9 Millimeters mm. Page 13 Rake Wall Function Weight Keys. C1 Kilograms kg — Enters or converts a weight or vol Page 14 Stair Key Construction Project Keys and Functions. The following Construction Project Keys and Functions help you instantly The circle key helps you quickly solve circular area, volume or arc The Column and Cone function helps you quickly estimate volume Ch Drywall Sheets Drywall — Calculates the number. Right Triangle. Using the Pythagorean theorem, the top row of keys on your. Construction Master Pro. Page 19 Cp Pitch Ratio or Slope Slope — Enters the Pitch as Page 20 Setting Mode When calculating Regular and Irregular Jack rafter lengths, you will Page 21 Converting a Fractional Value to a Different Resolution Cont'd The Construction Master Pros Roof function provides a quick calcu Page 23 Cubic Conversions Cont'd Entering Linear Dimensions. When entering Feet Inch Fraction values, enter dimensions from Page 27 PAPERLESS TAPE OPERATION Examples of Entering Square and Cubic Dimensions The Construction Master Pro is set to display fractional answers in Page 30 Calculating the Center Point CONVERSIONS LINEAR, AREA, VOLUME. Linear Conversions. Convert 14 Feet to other dimensions Then convert to Decimal Feet. The percent % key is used to find a given percent of a number or to Page 35 Number of Blocks, Based on Entered Area PAPERLESS TAPE OPERATION. The Paperless Tape allows you to display. Page 36 Number of Blocks, Based on Entered Length Cont'd Page 37 Number of "Paver" Bricks EXAMPLES — USING THE CONSTRUCTION Page 38 Number of Board Feet Based on Entered Volume Window Measurement. What is the total width of three window openings, if each measures. Square Area

x2. <http://genius.pskovedu.ru/site/htmlimages/99-dodge-ram-1500-manual-transmission.xml>

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What is the area of a square room with sides measuring 7 Feet. Rectangular Containers LxWxH. What is the volume of a rectangular container that measures 3 Feet. Calculate the volume of a cylinder with a diameter of 2 Feet 4 Inches. Weight Conversions. Convert 2,500 Pounds to Kilograms, Tons and Metric Tons Number of Blocks, Based on Entered Length and Height. You are building an. Page 44 Number of Blocks, Based on Calculated Perimeter. Calculate the wall's perimeter if the length is 30 Feet and width is. Page 45 Compound Miter Cuts Number of "Face" Bricks. How many "face" bricks 21 Square Inch size will you need to purchase The Construction Master Pro easily calculates board feet for lumber Page 48 Complex Concrete Volume Cont'd The arc function can also calculate the outside default and inside Compound Miter Cuts. You're installing crown moulding on the upper wall of your living. Volume of Concrete for a Driveway. Find the Cubic Yards of concrete required to pour a driveway with Find the Cubic Yards of concrete required to pour five columns, if Calculate the. Page 57 Pitch Ratio or Slope Cont'd Find the volume of concrete required for a 16 Inch by 8 Inch footing. Page 59 Rise and Diagonal Squaring up a Foundation. A concrete foundation measures 45 Feet 6 Inches by 23 Feet Number of Drywall Sheets for a Given Area. Back Fill on a Slope — Percent of Grade Known. You've built 55 linear Feet of a 3 foot high retaining. Page 62 On center Spacing Maintained RIGHT TRIANGLE AND ROOF FRAMING EXAMPLES Rise The vertical distance measured from the wall's top plate to the Page 65 Degree of Pitch. Find the Diagonal Hypotenuse and degree of angle of a right trian. You have framed an equal

pitch roof and need to apply the roofOnCenter Spacing Maintained. Page 71 Cont'dPage 73
Cont'dFind each stud size in a RakeWall with a peak rise of 4 Feet, and. Find each stud size in a
rakewall with a peak rise of 4 Feet, aThe Roof function solves for the amount of bundles and squares
forBundles are. <http://trimpeks.com.tr/userfiles/99-dodge-grand-caravan-owner-s-manual.xml>

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verPage 79 TRIGONOMETRIC FUNCTIONS Number of Risers The number of risers includes both
the first andRiser Overage. Page 80 Converting Roof Angle in Degrees to Pitch in Inches Stairs —
Given Only FloortoFloor Rise. To Change Desired Riser Height If you wish to use a Desired. You're
building a stairway with a total run of 20 Feet. Your desired. You need to build a stairway with a
floortofloor height of 10 FeetYour local code prohibits risers greater than. Page 85 Baluster Spacing.
You are going to install a handrail at the top of a balcony. Your totalFind the number of 16inch
Oncenter studs needed for a wall with a. Page 87 TRIGONOMETRIC FUNCTIONS. Trigonometric
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AUTO SHUTOFF APPENDIX B — PREFERENCE SETTINGS. The Construction Master Pro
calculators have Preference SettingsPage 92 RESET Cont'dThe following sections detail Preference
Setting options for the. Construction Master Pro calculators. Enter the Preference. Page 95 REPAIR
AND RETURN Cont'dPlease follow the guidelines listed in this section for proper care andPage 104
WARRANTY. Calculated Industries “CI” warrants this product against defects in materiPage 105
DisclaimerThis equipment has been certified to comply with the limits for a Class BPage 107 INDEX.
Adding Linear Measurements, 29. Angle and Diagonal Hypotenuse, 59. Arc.

Page 108 Converting Percent Grade to DMS, 80. Converting Roof Angle in Degrees to Pitch in
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Definitions, 70. Stair Layout Examples, 70. Ask your question here. Provide a clear and
comprehensive description of the issue and your question. The more detail you provide for your
issue and question, the easier it will be for other Calculated Industries Construction Master
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ProDesktop specifications Brand Is the device still safe to useRemove the battery with gloves and
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inserted into the device. ManualSearcher.com ensures that you will find the manual you are looking
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advanced solutions for arcs, arches, circles, columns and morePlus compound miter functions help
you avoid errors when working with crown molding and other pricey millworkComes with a rugged

shock, dust and moisture resistant Armadillo Gear protective case, pocket reference guides in English and Spanish, two LR44 longlife batteries and a full one year limited warranty. Register a free business account. Full content visible, double tap to read brief content. Please try your search again later. Plus it comes with an Armadillo Gear protective cover. Its use is taught in apprenticeship and training programs at the high school, college, union and industry level across our country and beyond. An entire generation of framers and stickbuilders grew up using it and advising us on new capabilities they wanted built in. Building materials and techniques have changed over the years but geometry and the need to work quickly and accurately with dimensions is as important and difficult as ever. Put the time tested Construction Master Pro on your next project and you'll be glad you did. We guarantee it! Offering powerful built in solutions and expanded preference settings, its perfect for completing layouts, bids, and estimates as well as helping to save time and money by helping you figure out the right amount of needed materials. Ideal for completing layouts, bids, and estimates view larger . Quick, Accurate Solutions in the Field You'll be able to work in and convert between all building dimensional formats yards, feet inch fractions and metric including area and volume.

<https://acbc.wa.edu.au/images/canon-eos-rebel-t3-instruction-manual-pdf.pdf>

The construction master pro includes a number of built in timesaving functions, including calculations for risers, treads, stringer length, and incline angle; how many 4 by 8, 4 by 9 or 4 by 12 sheets are needed to cover an area; jack rafter results for regular and irregular pitch roof; determining number of on center studs for an entered length; and right angles. It also offers advanced solutions for circles, arches, columns, cones, pillars, windows and postholes arcs, circumference, and segments. The 11 digit display measures 2.5 inches by .625 inches. Overall, the calculator measures 5.6 inches by 3 inches by .6 inches, and weighs 4.5 ounces. Its backed by a one year limited warranty. To calculate the overall star rating and percentage breakdown by star, we don't use a simple average. Instead, our system considers things like how recent a review is and if the reviewer bought the item on Amazon. It also analyzes reviews to verify trustworthiness. Please try again later. Elijah Stephens Top Contributor Woodworking 5.0 out of 5 stars I do a lot of wood working as a hobby. Any woodworker knows that the key to good fractions and knowing a little geometry like rise over run. For so many years I would have to break down fractions into decimals to use them on my calculator then turn that decimal back into a fraction that I can actually use on my measuring tools. Its a time consuming pain in the tail. One day I came across a calculator app that allowed for calculating fractions directly. That worked for a little while, but using a phone as a calculator is tedious, the phone gets all dusty which I'm sure voids the warranty, and I was still calculating angles on paper. So I did some soul searching online and came across these. Next to my 3hp cabinet saw. This is my favorite and one of my most used tools in the shop. Being able to do everything on the calculator makes my time in the shop much more enjoyable and it makes projects go a lot faster.

<https://walnutcreekdowntown.com/images/canon-eos-rebel-t2-manual-espa-ol.pdf>

I know these calculators have many uses, but I highly recommend it to any advanced wood worker. Then I found that the 4067 model does calculate total rafter length including the rafter tail. I returned this item and intend to purchase the 4067 model in the near future. Excepting for not calculating total rafter length, this calculator is very, very helpful. Figuring stair risers, roof pitch, jack rafters, concrete volume all became so much easier and faster. I am able to provide accurate answers to customers in an instant. Finally thought I better buy one for some more complicated calculations for a sloped site project having to go between civil elevations in feet and my own architectural drawings in feet and inches. Its been so much easier using this little guy as opposed to my iPhone calculator or even trying some of the apps. I found the built in calcs very easy to learn and use. A lot of the dedicated function keys give you the results you want by just pushing the button more than once. The rafter and jack calculations are particularly impressive, as successive presses

give you the lengths of the entire series for the run, plus hip and valley lengths and bevels, all without entering any additional information. The calculator is very flexible you can enter values in any unit. Pitch, for example, can be entered in feet, inches per foot, degrees in two different formats, and so on. You can solve for missing values. The calculator itself is featherweight, but appears to be made of a tough plastic. A slideon cover is included, by the way I didnt see the need to buy the flipopen optional cover. Whoever designed this calculator thought it out. There is actually storage for the printed pocket guide in the form of a builtin pocket on the back of the calculator. The slideon cover also has basic instructions and a list of the default calculation values printed on it. No problem in daylight, but indoor lighting makes it hard to read them.

The keys themselves are goodsized, have a slightly rubbery texture, and have a good feel to them. The display is easy to read. This is an excellent calculator, and it should satisfy anyone for virtually all routine carpentry, woodworking, and cabinetmaking needs. Amazon had the best price on this calculator that I'd seen to date at the time I bought it. Then you will have your cell in harms way. Something to be said for an old school calculator. Helped us build our first hip roof. No issues with math. The online manual is helpful as the unit doesn't come with one. It took a bit to learn but with a few YouTube tutorials it was pretty easy to pick up. Definitely makes it easier and faster to calculate a variety of construction calculations. I used this nearly every day for several weeks in a row calculating grades, concrete quantities, and dimensions for layout. There is simply no replacement for this tool. The case is extremely durable and by no means cheaply made. If you are in the construction industry this is an absolute necessity. Sorry, we failed to record your vote. Please try again Sorry, we failed to record your vote. Please try again Il prezzo e forse un po' alto, ma la facilità con cui ora riesco a gestire conversioni, somme e calcoli metrici per offerte e impagabile. Inoltre, guardando il libretto di istruzioni, sto scoprendo tutta una serie di funzioni che costituiscono certamente un valore aggiunto. Questo accessorio temo che in realtà abbia notevolmente influito sul prezzo di vendita la stessa calcolatrice, infatti, se acquistata in un negozio fisico negli US ha un costo di gran lunga inferiore. Ma io non volevo aspettare di andare ad acquistarla direttamente e comunque l'idea di una cover protettiva mi sembrava un'ottima cosa per proteggere la calcolatrice da danni da caduta quando sono fuori ufficio.

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Please try again It's a far cry from my fathers old metal one that he's owned for almost twenty years. For the price, it should be built with sturdy watertight construction so there would be no need for a goofy case. Sorry, we failed to record your vote. Please try again I am will soon find out how durable it is when i am on site Sorry, we failed to record your vote. Please try again In order to navigate out of this carousel please use your heading shortcut key to navigate to the next or previous heading. No quantity limits apply. Visit our Home page for other items that qualify for this great offer. We've taken the best features of the original Construction Master IV, added some useful new Pro functions, and made it bigger and easier to use. An essential tool for your office desktop. Its the most complete Builders Calculator on the market. Visit our Help Center for assistance. SuggestACalc We are always looking for innovative, highquality products. If you dont see your favorite calculator let us know and well notify you when it becomes available! Affiliate Program. Calculate circles, roofs, stairs, and more. Works in and converts between feetinchesfractions and decimals, including metric. Use it in the field or office to save time, reduce costs, prevent rework and maximize profits. Offering powerful builtin solutions and expanded preference settings, its perfect for completing layouts, bids, and estimates as well as helping to save time and money by helping you figure out the right amount of needed materials. The construction master pro includes a number of builtin timesaving functions, including calculations for risers, treads, stringer length, and incline angle; how many 4 by 8, 4 by 9 or 4 by 12 sheets are needed to cover an area; jack rafter results for regular and irregular pitch roof; determining number of oncenter studs for an entered length; and right angles.

It also offers advanced solutions for circles, arches, columns, cones, pillars, windows and postholes arcs, circumference, and segments. Find RakeWall Studs with Oncenter spacing For work it has saved me so much time but in school we need more soft conversion than hard conversionex. It would be nice if you had a calculator with this ability! Then I found that the 4067 model does calculate total rafter length including the rafter tail. Excepting for not calculating total rafter length, this calculator is very, very helpful. I have used them for the last 15 years and would not be without one. I ordered this product and it was delivered the next day I was amazed. Great company! I was lost when it came to measurements. I had no experience in this profession. Now, i can easily figure pitch, width, height, etc. The dvd that came with the calculator showed me exactly how to input the data and come up with the correct answer, it was so easy to understand and powerful construction calculator! Just wanted to update and it is an invaluable tool. It is very user frinedly and helpful out in the field. I am amazed at how efficient I can be with this calculating tool. Formulas I use daily on the job is solved with some strokes of the keys. No more figuring on pieces of paper or pieces of scrap lumber. If you are handy around the house or run a home repair business, better add one to your tool box. You will surely not regret it. I played with it for days then used it to order concrete for a new barn pad which I squared up with it first. Waste of concrete was negligible. Also used it for truss lengths in the barn repair. I do recommend sitting down with it, reading the manual and running through the examples to really learn the power it has. Recomend to anyone thinking of purchasing this calculator to buy it, you wont be sorry, it will pay for itself, just the must have construction calculator!

Finally thought I better buy one for some more complicated calculations for a sloped site project having to go between civil elevations in feet and my own architectural drawings in feet and inches. Its been so much easier using this little guy as opposed to my iPhone calculator or even trying some of the apps. We both use your products and love them. CM Pro and Pro Master Chef are excellent products The amount of time this saves me both in the office and on the jobsite is worth its weight in gold. If Calculated Industries keeps developing and improving their product line, I will keep upgrading as we continue to grow. You may also call Calculated Industries at 17758854900. Make sure the batteries are facing positive side up. Carefully remove the lower back housing. Remove the battery from the clip and replace it with a new battery, with the positive side up. Then replace the backplate and reattach the screws. Pressing once clears the display. Pressing twice clears all

temporary values. O Off — Turns all power off, clearing all nonpermanent registers. C0 Total Cost Cost — Calculates total material cost given a unit dimension and an entered Per Unit Cost. C Access Preference Settings Prefs — Used to access various customizable settings, such as dimensional answer formats see Preference Settings on page 83. Page 12 m Meters — Enters or converts to Meters. C7 Centimeters cm — Enters or converts to Centimeters. C9 Millimeters mm — Enters or converts to Millimeters. C2 Acres Acre — Enters or converts a square value to Acres. C8 Board Feet Bd Ft — Enters or converts cubic values to Board Feet. One Board Foot is equal to 144 Cubic Inches. Page 13 Weight Keys C1 Kilograms kg — Enters or converts a weight or volume value to Kilograms. A dimensioned volume will convert using the stored Weight per Volume value. C3 Metric Tons met tons — Enters or converts a weight or volume value to Metric Tons. A dimensioned volume will convert using the stored Weight per Volume value.

C4 Pounds lbs — Enters or converts a weight or volume value to Pounds. Page 14 Construction Project Keys and Functions The following Construction Project Keys and Functions help you instantly figure quantities and costs of materials, so you can build like a pro. CW Footing — Calculates total quantity of concrete required for concrete footings based on an entered wall length and footing size. The Construction Master Pro's keys are labeled in easy to remember roofing terms. The right triangle is calculated simply by entering two of four variables Rise, Run, Diagonal, or Pitch. Page 19 Cp Pitch Ratio or Slope Slope — Enters the Pitch as a ratio or Slope of a roof or right triangle. R Run — Enters or calculates the Run or horizontal leg base of a right triangle. Typical applications are "squaring up" slabs or finding common rafter lengths. Page 20 When calculating Regular and Irregular Jack rafter lengths, you will see the letters "JK" Regular pitch side or "IJ" Irregular pitch side and the corresponding jack number to the left of your calculator display. This will help you keep track of the descending sizes and which side the corresponding rafter is based on. Page 24 Cs Riser Limited — Used for situations when the riser height is limited by local code. The Sine, Cosine and Tangent of an angle are defined in relation to the sides of a right triangle. Using the C key with the trigonometric function displays the inverse Arcsine, Arccosine, and Arctangent. These are used to find the angle for the Sine, Cosine, or Tangent value entered. Page 26 ENTERING DIMENSIONS Entering Linear Dimensions When entering FeetInchFraction values, enter dimensions from largest to smallest — e.g., Feet before Inches, and Inches before Fractions. Note If a denominator is not entered, the fractional setting value is used. Page 27 Examples of Entering Square and Cubic Dimensions YARDS y y — Square Yards e.g., 5 y y will display 5 SQ YD. FEET f f — Square Feet e.g., 5 f f will display 5 SQ FEET.

INCHES i i — Square Inches e.g., 5 i i will display 5 SQ INCH. METERS m m — Square Meters e.g., 5 m m will display 5 SQ M. Page 30 CONVERSIONS LINEAR, AREA, VOLUME Linear Conversions Convert 14 Feet to other dimensions KEYSTROKE DISPLAY oo 14 f Cy Cf Ci Cm C 7 cm C 9 mm 0. 14 FEET 4.666667 YD 14 FEET 0 INCH 168 INCH 4.267 M 426.72 CM 4267.2 MM Note When performing multiple conversions, you only have to press the C key once except when accessing secondary functions, such as C 7 for Centimeters. Then convert to Decimal Feet. Page 33 Percentage Calculations The percent % key is used to find a given percent of a number or to perform add-on, discount or division percentage calculations. You may also perform percentage calculations with dimensional units Feet, Inch, etc., in any format linear, Square or Cubic. Display the total, average, and total count. The Paperless Tape allows you to display and review the last twenty entries of a regular math or basic dimensional math string calculation. Please note that some of the following examples will not apply to your specific calculator model. Page 38 Window Measurement What is the total width of three window openings, if each measures 2 Feet 5 Inches in width. Find the center point to install a ceiling fan. KEYSTROKE oo 7 f 4 i C % x 2 DISPLAY 0. 53.77778 SQ FEET Area of a Rectangular Room LxW What is the area of a room measuring 12 Feet 6 Inches by 15 Feet 8 Inches. Page 41 Volume of a Cylinder Calculate the volume of a cylinder with a diameter of 2 Feet 4 Inches and a height of 4 Feet 6 Inches Note For a cylinder, use the Column function. One side of the

retaining wall is 22 Feet long, and the other side is 15 Feet 8 Inches long. The wall is to be 4 Feet high. How many blocks are required to build this wall. Add a 5% waste allowance. Page 44 Number of Blocks, Based on Calculated Perimeter Calculate the wall's perimeter if the length is 30 Feet and width is 45 Feet. Then, find the number of blocks required.

Add a 3% waste allowance. Use the Blocks function for calculating bricks. KEYSTROKE DISPLAY 1. Enter and store brick area into Block Size storage key oo 0. 2 1 i i 4 Blk Size BAR STORED 21. SQ INCH 2. Enter length and height of wall 40ft 8ft LNTH 40 HGHT 8 FEET FEET 0 0 INCH INCH 3. Page 46 BOARD FEET — LUMBER ESTIMATION The Construction Master Pro easily calculates board feet for lumber estimation problems. The default entry format for Board Feet is "Inch x Inch x Feet" e.g., 2 x 4 x 14 is 2 Inches x 4 Inches x 14 Feet. You can also convert Cubic values volume to Board Feet. It is recommended that you clear the calculator press o twice after calculating righthtrianle solutions prior to beginning an Arc or Circle solution. The outside arched wall lengths are measured outside of the arc see diagram below. The inside arched wall lengths are measured inside of the arc see diagram on page 43. Page 51 Cont'd KEYSTROKE DISPLAY 5. Find Arc length a ARC 10 FEET 7 INCH 6. Display chord length a CORD 8 FEET 1 INCH 7. Find segment area a SEG 16.96327 SQ INCH 8. Find pie slice area a PIE 22.63527 SQ INCH 9. Display entered rise segment height a RISE 2 10. KEYSTROKE 1. Store the spring angle oo 3 8. If the concrete weighs 1.75 Tons per Cubic Yard, what is the total weight in Tons. Calculate the total area by dividing the drawing into three rectangles and determine the total Yards of concrete required. Then find the volume of five footings of the same size. SQ INCH FTG 7. Page 59 Squaringup a Foundation A concrete foundation measures 45 Feet 6 Inches by 23 Feet 8 Inches. Find the diagonal measurement squareup to ensure the form is perfectly square. KEYSTROKE DISPLAY 1. Enter area oo 150ff 0. 150 SQ FEET 2. Find the number of 4 x 8 sheets, 4 x 9 sheets and 4 x 12 sheets required C h Drywall 4X8 4.6875 5 4 x 8 Sheets h 4X9 4.166667 5 4 x 9 Sheets h 4X12 3.125 4 4 x 12 Sheets h 150. You need to pour backfill within 12 Inches of the top of the wall for a 2 Foot depth.