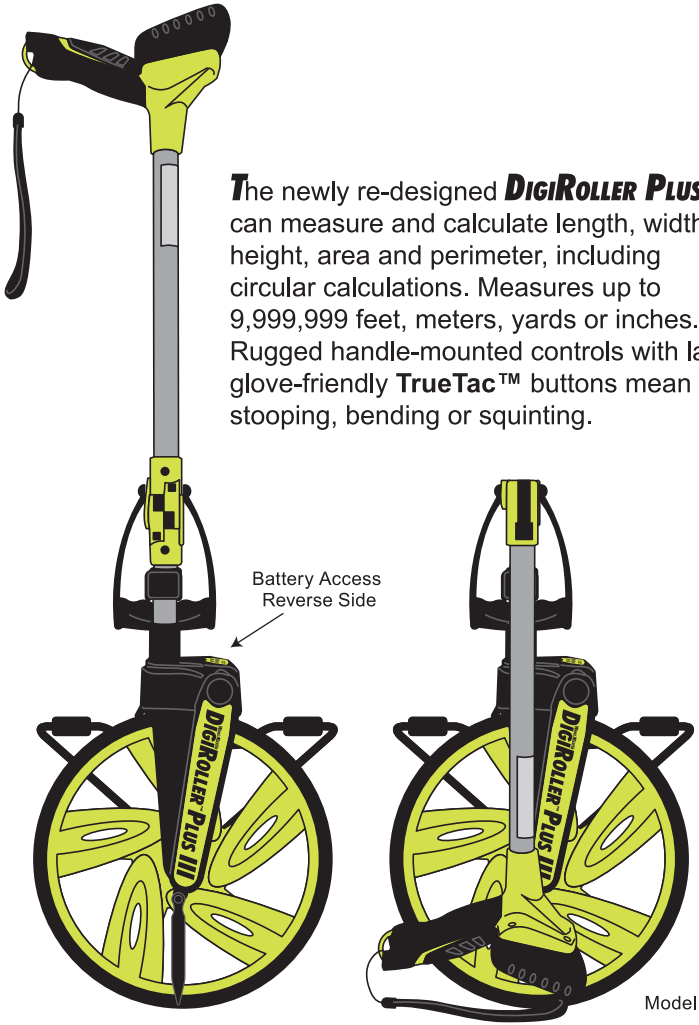
DigiRoller™ Plus III

Digital Measuring Wheel

Model 6575



The newly re-designed ***DigiRoller Plus III*** can measure and calculate length, width, height, area and perimeter, including circular calculations. Measures up to 9,999,999 feet, meters, yards or inches. Rugged handle-mounted controls with large glove-friendly **TrueTac™** buttons mean no stooping, bending or squinting.



Model 6575



BUTTONS

On/Clear Turns power On. Used to clear the display. Press and hold for more than one second to turn unit Off.

Off Press **[Set] [On/Clear]** or press and hold **[On/Clear]** for more than one second to turn the unit Off.

Clear All Press **[Set] [Start/Stop]** to perform a Clear All, which clears all values and resets all settings.

Set Used with other keys to access second functions.*

Units Changes units of measurement of the displayed value.
Linear: feet-inch, inches, decimal feet, yards, meters
Area: sq. feet, sq. yards, acres, sq. meters, hectares
Volume: cu. feet, cu. yards, cu. meters

Rcl Used with other keys to recall stored values.*

** Pressing while rolling a measurement places the unit in Stop mode.*

MC Press **[Set] [Rcl]** to clear all values in the Accumulative Memory.



Backlight Used to turn display's backlight On and Off. To save battery power, the light automatically shuts off after 90 seconds of non-use.

Length Stores an active measurement as Length.

Circle Press **[Set] [Length]** to access Circle calculations, starting with Circle Area. If accessed while an active measurement is displayed, the measurement is stored as Length (Diameter) before immediately displaying Circle Area. Continue to press **[Length]** for Circumference, Circle Volume* and Circle Wall Surface Area* calculations.

Width/LxW Stores an active measurement as Width and immediately displays the resulting Area. Continue to press for Perimeter, Volume* and Wall Surface Area* calculations.

LxWxH Press **[Set] [Width/LxW]** to display Volume*. If accessed while an active measurement is displayed, the measurement is stored as Width before immediately displaying Volume.

M+ Adds displayed value to Accumulative Memory.

M- Press **[Set] [M+]** to subtract displayed value from Accumulative Memory.

Start/Stop Used to start and stop measuring. Pressing while rolling a measurement places the unit in Stop mode, which pauses the measurement. Pressing while in Stop mode places the unit in Start mode and resumes measuring.



+1/2 Wheel Adds the wheel radius (first press) or diameter (second press) to the current linear measurement, to allow for true wall-to-wall distance. A third press returns to the original measurement.

Height Press **[Set] [+1/2 Wheel]** to enter the Height setting mode. Upon entry, roll the desired Height measurement and press **[Set]** to store it.

** Requires stored Height.*

ACCUMULATIVE MEMORY (M)

Linear, area and volume values can be added and subtracted at any time. Each type is separately maintained, allowing each to have a running total, average and total count.

Memory Recall Press **[Rcl] [M+]** to display the total of the first unit type. The next two presses of **[M+]** display the total's average and total count, respectively.

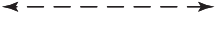
Continue to press **[M+]** to display the total, average and total count of any other stored unit types.

Memory Clear Press **[Set] [Rcl]** to clear all values stored in Accumulative Memory.

MEASUREMENTS AND CALCULATIONS

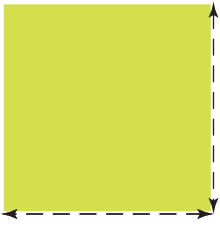
For best results:

- Roll in the desired direction up to the start of your measurement, clear the display, then begin your measurement.
- Handle position at start and end of measurement should be similar. Handle movement in between does not affect the final result.



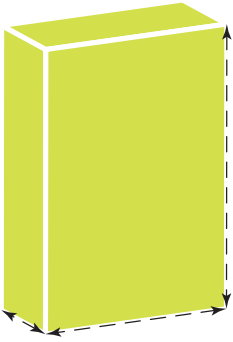
Measurement

1. Press **[On/Clear]**
2. Roll wheel
3. Press **[Start/Stop]** to pause measurement; press again to resume



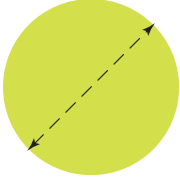
Area, Perimeter (LxW)

1. Press **[On/Clear]**
2. Roll Length distance, press **[Length]** **[On/Clear]**
3. Roll Width distance, press **[Width/LxW]** (*Area*)
4. Press **[Width/LxW]** (*Perimeter*)



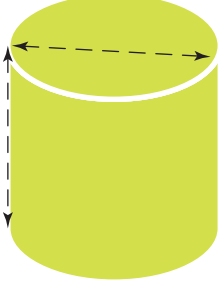
Volume, Wall Surface Area (LxWxH)

1. Press **[On/Clear]**
2. Enter Height mode via **[Set] [+1/2 Wheel]**
3. Roll Height distance, press **[Set] [On/Clear]**
4. Roll Length distance, press **[Length] [On/Clear]**
5. Roll Width distance, press **[Set] [Width/LxW]** *(Volume)*
6. Press **[Width/LxW]** *(Wall Surface Area)*



Circle Area, Circumference

1. Press **[On/Clear]**
2. Roll Diameter distance, press **[Set] [Length]** *(Circle Area)*
3. Press **[Length]** *(Circumference)*



Circle Volume, Wall Surface Area

1. Press [**On/Clear]**
2. Enter Height mode via **[Set] [+1/2 Wheel]**
3. Roll Height distance, press **[Set] [On/Clear]**
4. Roll Diameter distance, press **[Set] [Length] [Length] [Length]** *(Volume)*
5. Press **[Length]** *(Wall Surface Area)*

CUSTOM CALIBRATION

Only available on units with build 1.80 and above.

To see the unit's build, press and hold **[On/Clear]**, press **[Start/Stop]**, then release both keys (holding **[On/Clear]** for too long will shut the unit off). The model and version number will display. Press **[Start/Stop]** to display the build number. Press **[On/Clear]** to clear the display.

1. The unit can be calibrated using either feet or meters. If meters is desired, press **[Units]** until meters is shown.
2. With the unit **ON**, press and hold **[On/Clear]** until unit shuts **OFF**
3. While pressing and holding **[Set]**, press and release **[On/Clear]**. Release **[Set]** once unit turns **ON**.
   a. Calibrate using feet: the unit will prompt you to roll a known distance of 100 feet.



   b. Calibrate using meters: the unit will prompt you to roll a known distance of 30 meters.
   *Note: Press **[On/Clear]** twice at any time during Calibration Mode to exit mode and leave calibration setting unchanged.*



Note: SET will remain displayed as long as the unit is in calibration mode.

4. To begin rolling the known distance, press and release **[Start/Stop]**.
   For best results,
   a. Roll in desired direction up to the start of your measurement prior to pressing **[Start/Stop]**.
   b. Handle position at start and end of measurement should be similar. Handle movement in between does not affect the final result.





To restart a measurement in progress, press **[On/Clear]** once to clear the current measurement. To pause or resume a measurement, press **[Start/Stop]**.

5. Upon rolling the known distance, press and release **[Set]**. This will set the distance you just rolled as being equivalent to 100 feet or 30 meters, depending on units used.

   If **CAL Err** is displayed upon pressing **[Set]**, the distance that was rolled deviates too much from the expected 100 feet or 30 meters. Repeat steps 2 thru 5 until a valid calibration results.





Note: C will remain displayed to indicate that the unit has been calibrated.

6. Press **[On/Clear]** or **[Start/Stop]**. The ***DIGIROLLER PLUS III*** is now ready for normal use.





Clearing a Custom Calibration

1. If a Custom Calibration has been previously set, the C icon will be continuously displayed.

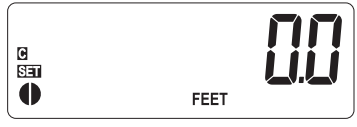
2. With the unit **ON**, press and hold **[On/Clear]** until unit shuts **OFF**.

3. While pressing and holding **[Set]**, press and release **[On/Clear]**. Release **[Set]** once unit turns **ON**.





4. Press **[On/Clear]**





5. With the display at zero, press **[Set] [On/Clear]**. The custom calibration has now been cleared and the ***DIGIROLLER PLUS III*** is ready for normal use.



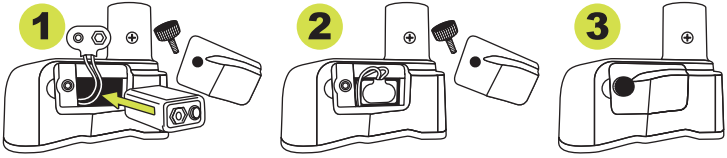


SPECIFICATIONS

Measuring Range:	0 to 9,999,999 (Yards, Meters)
Wheel Accuracy:	99.5% mechanical; typical field results 97.5–98% (2–3%)
Internal Math Accuracy:	12 digits
Display Capacity:	9,999,999 (7 digits)
Speed Limit:	12 mph (19 km/h)
Auto Shut-Off:	8-9 minutes (Backlight shuts off after 90 seconds of inactivity)
Length (Extended):	41 inches (104 cm)
Length (Folded):	22 inches (56 cm)
Weight:	4.1 lbs (1.9 kG)
Battery:	One 9V Battery
Battery Life:	100 hours, results will vary based on rolling conditions and battery brand used.
Operating Temperature:	14°F to 104°F (-10°C to 40°C)
Storage Temperature:	-4°F to 140°F (-20°C to 60°C)
Wheel Size:	Diameter: 12.6'' (32 cm) Circumference: 3.3' (1 m)

BATTERY

The ***DIGIROLLER PLUS III*** is powered by one 9V battery (included). This should last approximately 100 hours (one year of normal use). To replace the battery, remove the battery compartment cover located just above the wheel (on the kickstand side). Replace the battery and compartment cover. **Rechargeable batteries are not recommended.**



CARING FOR YOUR DIGIROLLER PLUS III

If operating in wet weather conditions, cover the head with a clear, light-weight plastic bag. You will be able to see the LCD and operate the keypad.

Keep in a dry area when transporting or storing.

Do not exceed recommended operating temperature (104°F/40°C) for extended periods.

Do not exceed speed of 12 mph (19 km/h).

Do not stack any objects on your ***DIGIROLLER PLUS III***.

ERROR CODES, AUTO-RANGE, RESET

Display	Error Type
OFLO	Overflow – Measurement too large to display.
Lo bAtt	Low battery – Maximum of 8 hours of use remains.
bAd bAt	Bad battery – Do not use device until new battery is installed.

Auto-range — If the displayed value is too large to display in the selected units of measurement, it will be displayed in the next larger units instead of displaying OFLO. For example, 10,000,000 INCH cannot be displayed, so 833,333.3 FEET will be displayed instead.

Reset — If your device should ever "lock up," remove the battery and leave it out for at least 30 seconds. Then reinsert it. See Battery section.

WARRANTY AND REGISTRATION

Your ***DIGIROLLER PLUS III*** is covered by a Limited 2-Year Warranty. To view the warranty and to register this product, go to **www.calculated.com/register**.

WHEEL MASTER™ SERIES



Go to www.calculated.com for details on these measuring wheels and even more measuring tool options.

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