

Instructions  
overleaf

Product Ref.

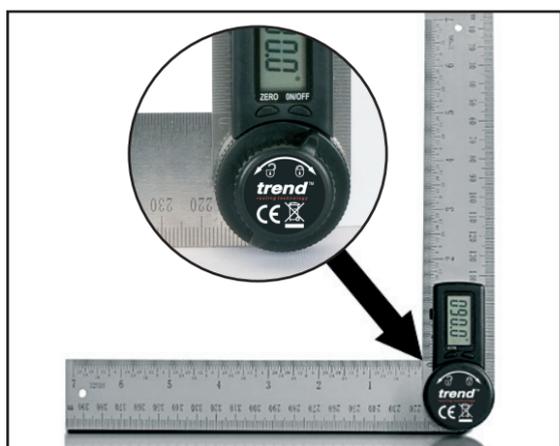
**DAR/500**



# DIGITAL ANGLE RULE

## 1000mm (2x500mm)

- Easy operation with two press buttons.
- LCD auto-shut off in 6 minutes.
- Includes CR2032 3v Lithium battery.



**External Angle Finder**



**Internal Angle Finder**

**GB** Trend Machinery & Cutting Tools Ltd.  
Tel: 0044(0)1923 249911  
technical@trendm.co.uk  
www.trend-uk.com

**USA** Trend Routing Technology Inc.  
Tel: (336) 292 5051  
technical@trend-usa.com  
www.trend-usa.com

PP C/DAR500 v2.1

**! IMPORTANT!**  
Please fit batteries carefully.  
Please do not tilt or twist  
battery container when  
removing or re-fitting into  
the rule.



© Copyright Trend 2014, 2015. E&OE.  
© All trademarks acknowledged.

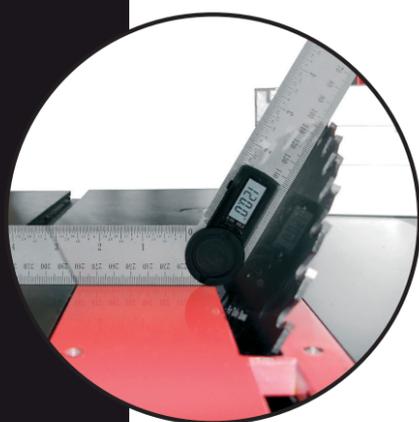
**trend**  
routing technology

# DIGITAL

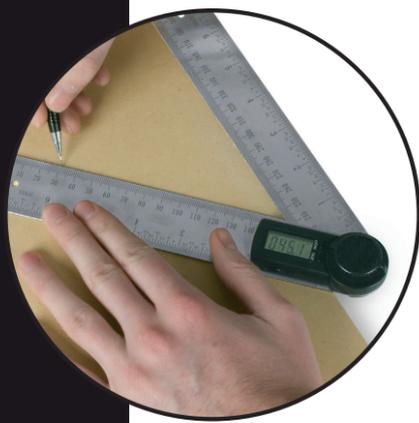
## ANGLE RULE 1000mm (2x500mm)

**Calculates  
angles quickly  
& accurately.**

- Digital display for angles.
- Stainless steel rule with metric/imperial scale.
- Measuring range from 000.0° to 360.0° with an accuracy of 0.3°.
- Rule locking function.
- Ideal for woodworking, construction & machining.



**Angle Finder**



**Metric and  
Imperial Rule**



**External Angle  
Finder**



**Internal Angle  
Finder**

Product Ref.  
**DAR/500**

**trend**  
routing technology

# DIGITAL ANGLE RULE REF. DAR/500

Thank you for purchasing this Trend product which should give lasting performance if used in accordance with these instructions.



Denotes risk of personal injury, loss of life or damage to the tool in case of non-observance of the instructions.

## INTENDED USE

This accessory is intended to be used to measure the angle and length of a component.

## SAFETY

Read and understand the instruction sheet carefully before using. This is a sensitive precision tool. Do not disassemble or drop it. Please note the sharp edges, avoid scratching. Store out of reach of children. Do not use as a toy or as a weapon. Risk of trapping hand/finger between rules.

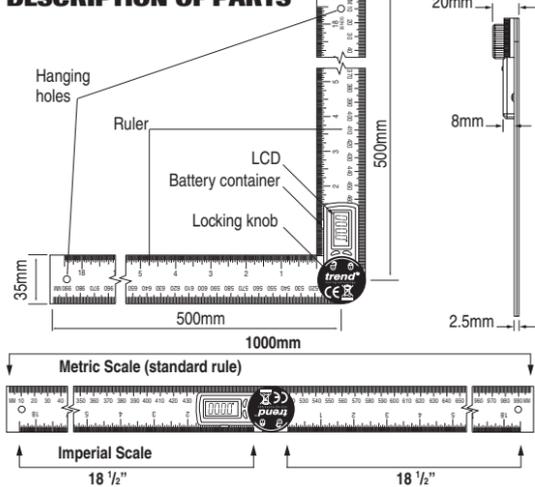
### PLEASE KEEP THESE INSTRUCTIONS IN A SAFE PLACE.

Users must be competent in using woodworking equipment before using our products. Consider working environment before using tools. Ensure working position is comfortable and component is clamped securely. Please keep children and visitors away from tools and work area. All tools have a residual risk so must therefore be handled with caution.

## CE DECLARATION OF CONFORMITY

This product conforms with EMC Directive 2004/108/EC (until 19.04.2016) and 2014/30/EU (from 20.04.2016).

## DESCRIPTION OF PARTS



## OPERATION

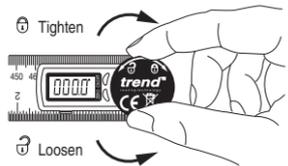
**ON/OFF button:** Short press ON/OFF to turn on, or alternatively move the scale to turn on the device when at off LCD status. Short press ON/OFF to turn off the LCD. Long press ON/OFF for more than 3 seconds to shut off the whole system. LCD auto shut off in 6 minutes.

**ZERO button:** Press ZERO to set zero at any point when turned on.

**IMPORTANT!** To conserve battery life ensure the long press ON/OFF is used to switch off the unit. The auto-shut off will only turn off the LCD.

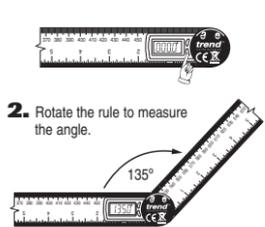


- Rotate clockwise to tighten the moving rule.
- Rotate anti-clockwise to loosen the moving rule.



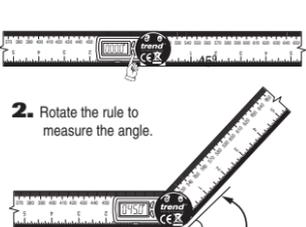
### Measuring Obtuse Angles

**1.** Short press ON/OFF to turn on, close up both rulers and place on the flat surface, make sure both ruler's edges touch the surface, press ZERO button to set zero.



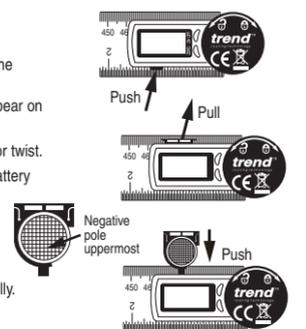
### Measuring Acute Angles

**1.** Short press ON/OFF to turn on, open up both rulers and place on the flat surface, make sure both ruler's edges touch the surface, press ZERO button to set zero.



### Battery Fitting and Replacement

- To fit or replace battery push the tab on the bottom of the LCD. The edge of the battery container will appear on the opposite side of the LCD.
- Pull the battery container out. Do not tilt or twist.
- Remove the old battery. Insert the new battery type CR2032 3v.
- Ensure the negative pole of the battery is uppermost. The positive pole is on the underside of the battery.
- Push the battery container back in carefully. Do not tilt or twist.



### Battery Care

**WARNING!** Insert battery correctly (+/-). (1) KEEP OUT OF REACH OF CHILDREN. Swallowing may lead to serious injury or death in as little as 2 hours due to chemical burns and potential perforation of the oesophagus. Immediately see a doctor. Keep in original packaging until ready to use. Dispose of used batteries immediately. (2) Risk of injury due to fire, explosion or leakage. Do not disassemble, charge, crush or expose to fire or high temperatures or water. Do not mix used and new batteries, different brands or types.

## TROUBLESHOOTING

Problem	Possible Cause	Solution
No display or ambiguous reading.	Lower voltage, no battery or incorrect installation of battery.	Reinstall battery or replace battery.
Erratic display.	Misfunction caused by high vibration or heavy swinging of rule.	Press zero to reset zero.
Number skip or frozen display.	Internal error.	Remove battery, wait one minute and replace.
Short battery life.	Auto-shut off only turns off LCD.	Use long press ON/OFF to shut down whole system.

## MAINTENANCE

Please use only Trend original spare parts and accessories.

The rule has been designed to operate for a long period of time with the minimum of maintenance. Continual satisfactory operation depends upon proper tool care and regular cleaning.

### Cleaning

- Clean with mild liquid soap and damp cloth. Dry with soft cloth. Never immerse in water. Rule requires no additional lubrication. Do not disassemble.

### Storage

- Return to packaging after use if it is not to be used for a long time. Store in a dry and shady place. Never leave it outside or in a wet environment. Before storing, it is recommended to wipe surfaces with an anti-rust oil.

## GUARANTEE

All Trend products are guaranteed against any defects in either workmanship or material, except products that have been damaged due to improper use or maintenance.

## ENVIRONMENTAL PROTECTION

Recycle raw materials instead of disposing as waste. Packaging should be sorted for environmental-friendly recycling.



Separate collection. This product must not be disposed of with normal household waste.

### Household User

Local regulations may provide for separate collection of electrical products from the household, at municipal waste sites or by retailer when you purchase a new product. Please call Trend Customer Services for advice as to how to dispose of unwanted Trend electrical product in an environmentally safe way or visit [www.trend-uk.com](http://www.trend-uk.com)

### Business User

Please call Trend Customer services for disposal of unwanted Trend electrical products.

### Batteries and the Environment

This unit uses Lithium batteries. When battery pack needs replacing, we recommend the following: Discharge the energy from the batteries by running them down completely and then remove from the tool.

Lithium cells are recyclable so do not throw them away with household waste. They may end up in an incinerator or landfill, which must be avoided.

Instead, take the batteries to a Trend Service Agent, your local Trend Stockist or a local recycling station. If necessary contact your local municipality for disposal information. The collected batteries will be disposed of properly and/or used for recycling purposes.

## TECHNICAL DATA

Measuring Range: 000.0° - 999.9° (more than 999.9° will show incorrect display)  
 Working Temperature: 0°C to +50°C Working Humidity: ≤85% RH  
 Working Current: ≤50 uA Resolution: 0.1° Accuracy: 0.3°  
 Battery: CR2032 3V Lithium Battery Weight: 360g

The attention of UK users is drawn to The Provision and Use of Work Equipment Regulations 1998, and any subsequent amendments. Users should also read the HSE/ HSC Safe Use of Woodworking Machinery Approved Code of Practice and Guidance Document and any amendments. Users must be competent in using woodworking equipment before using our products.

Our policy of continuous improvements mean that specifications may change without notice. Trend Machinery & Cutting Tools Ltd. cannot be held liable for any material rendered unusable, or for any form of consequential loss.