



RMRUtils

Utilities and Conversions

(for Symbian OS7 UIQ – Sony Ericsson P800/P900/P910)

User Guide



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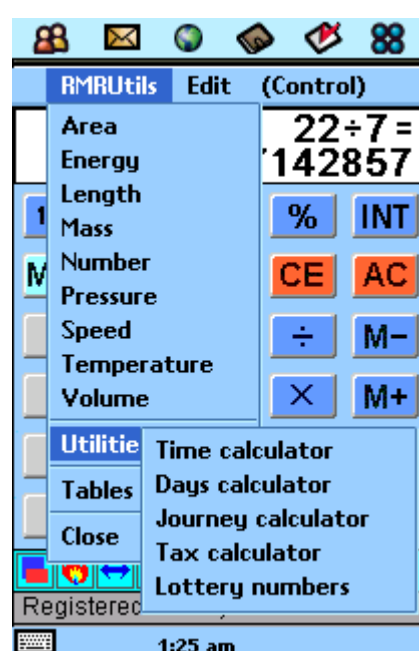
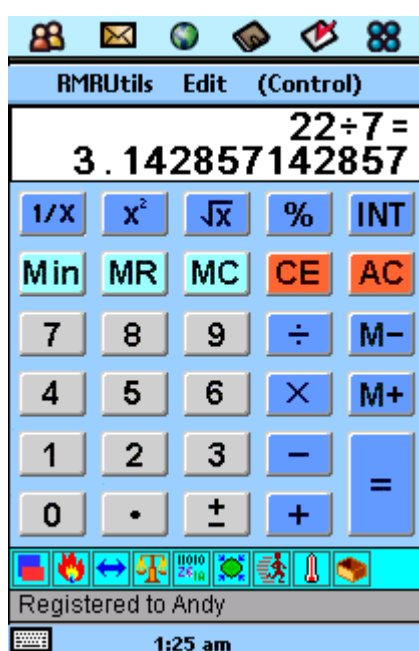
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RMRUtils Overview

RMRUtils 'Utilities and Conversions' is a program that provides a handy calculator, unit converter, and set of utility functions. With RMRUtils you can:

- Make calculations.
- Convert between all common (and a great many less common) unit values.
- View useful reference information in a range of data tables.
- Perform several calculations with times and dates.
- Work out prices with and without a given rate of purchase tax.
- Estimate journey times.
- Generate lottery random numbers.



Conversions between a range of metric, imperial, and specialised units form the main functionality of the program. Access these from the RMRUtils menu, or use the quick-action button bar at the bottom of the screen.

Available conversion categories are as follows:



- Area
- Energy
- Length
- Mass
- Number types (decimal, binary and hexadecimal)
- Pressure
- Speed
- Temperature
- Volume



Registering the program

If you wish to register your copy, which will then give you full access to the program and no nag screen, the cost is £10 or US\$15 or €15. There are several ways to register:

Credit Card:

If you wish to register on-line using a credit card you have 2 options:

PAYPAL:

We support the PayPal system for transferring money, as that avoids the \$5 handling charge put on by REGNET. Simply send the money to registrations@rmrsoft.com quoting the program name, **RMRUtils (UIQ)**, and we will send the registration code to you within a few hours.

If you are not already signed up for PayPal it is very straightforward. Just go to <http://www.paypal.com/> and follow the instructions. You even get a \$5 bonus for signing up.

REGNET:

Alternatively, you can register on the WWW through RegNet, the Registration Network (note that paying by this method will involve an extra US\$5 handling charge and if you live in the EU they will also charge VAT). RegNet can be reached by e-mail: orders@reg.net, or on the World Wide Web: <http://www.reg.net/> or in the USA by calling 1-800-WWW2REG (1 800 999-2734) or the easiest way is by following the links from our Website at:

<http://www.rmrsoft.com/>

RMRUtils (UIQ) has been allocated the RegNet Number **14829** and this should be quoted. The notification tends to get to us within 12 hours and we reply within another 12 hrs.

By Post:

Payment can be made by post as:

- UK cheque in GBP (NO cheques in foreign currencies or on non-UK banks)
- International Bankers Draft in Sterling
- Cash - 'real folding' money in any currency
- US\$ checks (send to the USA address)

Please make any cheques (checks) payable to 'RMR Software'. Include a stamped, self-addressed envelope or provide an e-mail address, and send the payment to either of these addresses:

RMR Software
c/o 46 Mortimer Road
Kempston
Bedford MK42 8RE
ENGLAND

RMR Software
c/o 6000 Natick Court
Burke, VA 22015
USA

We will then send you a unique code to enter with the **Register** menu option, which will allow you unrestricted use of the program.

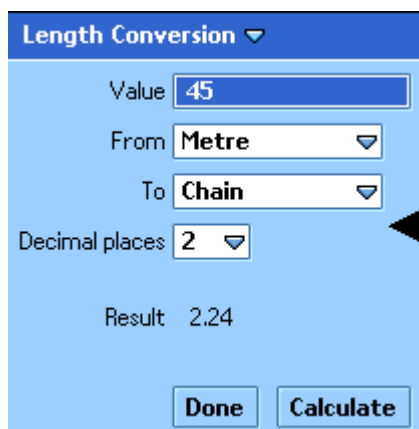
If you have any questions, we can be contacted at support@rmrsoft.com



Conversions

All the conversions operate in a similar way:

- Select the menu option for the category of conversion you want to make - **Area, Energy, Length, Mass, Number types, Pressure, Speed, Temperature, or Volume** (or use the appropriate button).
- Enter the **Value** to be converted.
- Select the unit type to convert **From**.
- Select the unit type to convert **To**.



Length Conversion

Value: 45

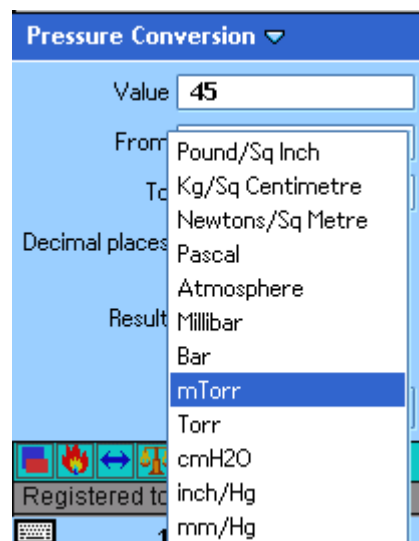
From: Metre

To: Chain

Decimal places: 2

Result: 2.24

Buttons: Done, Calculate



Pressure Conversion

Value: 45

From: [dropdown]

To: [dropdown]

Decimal places: [dropdown]

Result: [dropdown]

Buttons: Done, Calculate

Dropdown menu items: Pound/Sq Inch, Kg/Sq Centimetre, Newtons/Sq Metre, Pascal, Atmosphere, Millibar, Bar, mTorr, Torr, cmH2O, inch/Hg, mm/Hg



Tap on the choice box to see the whole list of available units for that category. Alternatively, use the first letter of the unit name to jump straight to it. Eg. entering K in the From or To boxes in Mass conversion will go straight to Kilograms).

- In the **Volume** conversion screen (only) there is an additional selector for **Country**, as some volume units (eg Pint) have different **UK** and **US** variations.
- Set the number of **Decimal places** you want the answer shown in.
- Tap **Calculate** to carry out the conversion.

The screen will redraw with the **Result** at the bottom, allowing another conversion if required.

Utilities

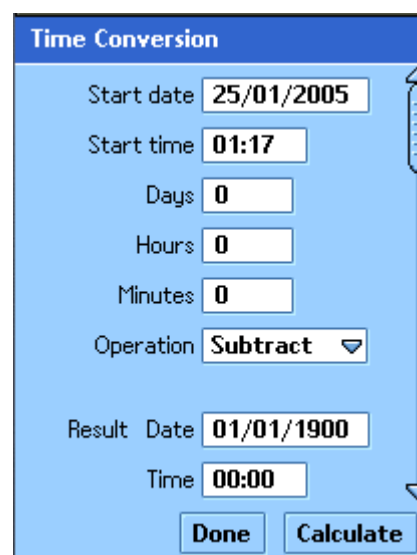
The options under the **Utilities** menu provide 5 useful functions as follows:

- **Time calculator**

This allows you to calculate times and dates by adding or subtracting days, hours, or minutes (or all three).

Select a **Start date** and **Start time**, enter the number of **Days, Hours, or Minutes**, and choose to **Add** or **Subtract** as the **Operation**.

Then tap **Calculate** to redraw the screen with the **Result** new Date and Time at the bottom.



Time Conversion

Start date: 25/01/2005

Start time: 01:17

Days: 0

Hours: 0

Minutes: 0

Operation: Subtract

Result Date: 01/01/1900

Time: 00:00

Buttons: Done, Calculate



- **Days calculator**

Calculates the number of **Days** between a **Start date** and **End date**, and will also tell you what **Day** of the week each date falls on.

- **Journey calculator**

This simply calculates the **Estimated time** a journey will take, based on the **Distance** and **Average speed** you enter.

- **Tax calculator**

The tax calculator can be used to calculate the price of an item inclusive of a rate of tax, or the net price before tax.

Enter the **Price** and applicable **Tax rate**, and set the **Status** as whether this price is **Tax included** or **Tax excluded**. Then tap **Calculate**.

If 'tax included' was set, the result will show the original net **Value**, and the amount of **Tax** that has been added to make this price.

If 'tax excluded' was set, the result will show the amount of **Tax** payable on this Price, and the new total **Value** with the tax added.

- **Lottery numbers**

This simply generates random lottery numbers up to the **Maximum number** specified, with the **Number of balls** allowed. (e.g. 1 to 49 are valid in the UK, and 6 balls are used).

Data tables

The program provides a set of useful tables of reference data for those pieces of information you can never quite remember. Use the options under the **Utilities** menu:

- **ASCII** – two lists of the ascii characters and symbols associated with values 32-127 and 160-256.
- **Beaufort scale** – enter the Beaufort number between 0 and 12 to see the official description and the wind speed in mph, kph and knots.
- **Morse code** – a table of the dot/dash combinations for the alphabet, numbers, and common punctuation.
- **Clothing sizes** – 7 tables of UK, USA and EU size conversion charts for Men's suits, shoes, shirts, socks, and Women's clothes, shoes and socks.
- **Paper sizes** – 3 size charts for ISO A0 to A8, B0 to B10, and miscellaneous imperial and US sizes.
- **Phonetic alphabet** – for the A=alpha to Z=zulu alphabet.
- **Richter scale** – enter the Richter number between <3.5 and >8.1 to see the seismic description and effect.
- **Roman numerals** – a list of the Roman numeral system.

Simply tap the window to close the table.

A-Series		
Type	mms	Inches
A0	841 x 1189	33.11 x 46.75
A1	594 x 841	23.39 x 33.11
A2	420 x 594	16.54 x 23.39
A3	297 x 420	11.69 x 16.54
A4	210 x 297	8.27 x 11.69
A5	148 x 210	5.83 x 8.27
A6	105 x 148	4.13 x 5.83
A7	74 x 105	2.91 x 4.13
A8	52 x 74	2.05 x 2.91



Edit memo

The Edit memo feature allows you to record your own personal conversion factors, or any other information you need to keep.