



Fann Software ConverterAN Pro

Users' Guide

Version 1.1

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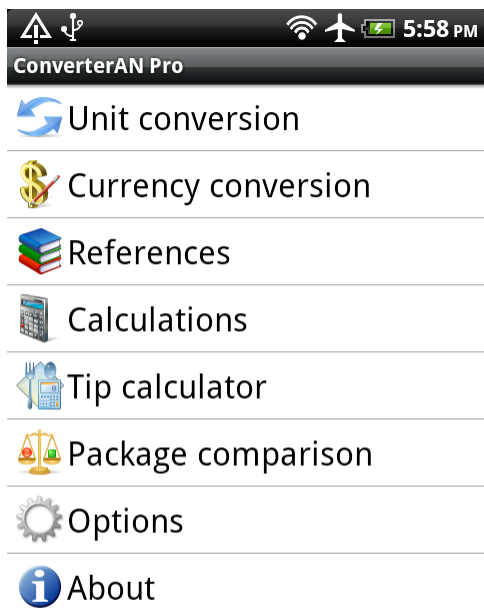
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Overview

ConverterAN Pro is a unit conversion program for most commonly used units. Features:

- Acceleration, angle, area, astronomical, computer, density, energy, flow rate, force, frequency, fuel consumption, length, mass, power, pressure, speed, temperature, torque, and volume units
- Number base conversion
- Decimal/Sexagesimal conversion
- Electrical unit conversion
- Clothing size conversion
- Currency conversion with downloaded rates
- Package comparison
- Circle related calculation
- Area or volume calculation
- Days between dates calculation
- Add/Subtract days from a date
- Windchill calculation
- Humidex calculation
- Body Mass Index calculation
- Tip calculator
- Amateur vertical antenna calculation
- File transfer time calculation
- IDD country code reference
- City area code reference
- Clothing care label reference
- Sales tax or VAT rate reference
- Digital display standard reference
- Names of large numbers reference
- Cooking units and oven temperature reference
- American Wire Gauge conversion reference
- HDTV systems and DVD region codes reference
- World voltage and socket reference
- Worldwide emergency number reference
- Wedding anniversary reference
- Respective user interface design for tablets and phones

Main Screen



Select the desired operation from the list.

Unit Conversion

Unit conversion

Length

12

=

Send to calculator

cm

To


4.7244094488189

in

Clear

Swap

To perform unit conversion:

1. Select a unit category.
2. Select the desired From and To units.
3. Enter the From value.
4. (Optional) Touch the Send to calculator button (.
5. Touch the Enter key or the “=” button.
6. (Optional) Press the Back key to return to the main screen.

Note:

- Touch the Swap button to quickly switch the From and To units.
- The last selected units will be saved between sessions.



Currency Conversion

USD 100

To currencies:

CAD	99.36
0.9936	
HKD	776.08
7.760802	
EUR	76.17
0.761671	
CNY	630.86
6.308571	
GBP	62.11
0.621078	


Last updated:
Apr 23, 2012



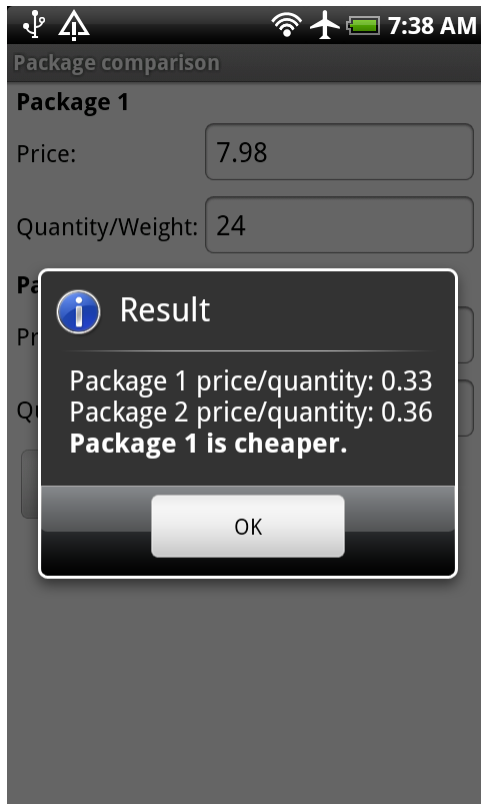
To perform currency conversion with downloaded rates:

1. (Optional) Touch the currency button to select the currency for conversion from the selection list.
2. Enter the value to convert.
3. Touch the Enter key.
4. (Optional) Touch the To currency to select the desired currency from the selection list.
5. (Optional) Press the Back key to return to the main screen.

Note:

- Please make sure you are connected to the Internet, touch the  button to download the latest rates.
- Touch and hold the desired To currency to display the context menu and select Swap to quickly switch with the From currency.

Package Comparison



To compare the cost of a product with different packaging:

1. Enter the price and quantity/weight for each package.
2. Touch the “=” button.
3. Touch the OK button.
4. (Optional) Press the Back key to return to the main screen.

Note:

- The price per quantity value is for reference only. Different packaging may have other features that affect the value of the product.

Clothing Size Conversion



US	UK	Europe	JP
32	32	42	
34	34	44	S
36	36	46	
38	38	48	M
40	40	50	L
42	42	52	
44	44	54	LL
46	46	56	
48	48	58	

To display clothing size conversion:

1. Select References from the main screen.
2. Select Clothing sizes.
3. Select the desired category to display.
4. Press the Back key to return to the references screen.
5. (Optional) Press the Back key to return to the main screen.

References



To view references:

1. Select References from the main screen.
2. Select the desired reference to display.
3. Press the Back key to return to the references screen.
4. (Optional) Press the Back key to return to the main screen.

Tip Calculator

Amount before tax:

Amount after tax:

Tip (%): 😊 😞

Number of people: ▼

Calculate tip before tax =

To perform tip calculation:

1. (Optional) Check the Calculate tip before tax check box.
2. Enter the corresponding values.
3. Touch the “=” button.
4. Touch the OK button.
5. (Optional) Press the Back key to return to the main screen.

Days between Dates Calculation

Days between dates

From:

+	+	+
09	Jul	2010
-	-	-

To:

+	+	+
26	Oct	2010
-	-	-

=

To calculate the days between dates:

1. Select Calculations from the main screen.
2. Select Days between dates.
3. Enter the start date of the period.
4. Enter the end date of the period.
5. Touch the “=” button.
6. Touch the OK button.
7. (Optional) Press the Back key to return to the calculations screen.
8. (Optional) Press the Back key to return to the main screen.

Add/Subtract Days from a Date

From: 2012/04/27

Add Subtract

Exclude weekends (Sat. & Sun.)

Year(s): =

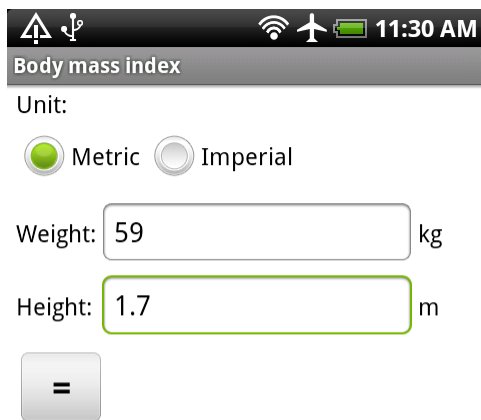
Month(s):

Day(s):

To add/subtract days to a specified date:

1. Select Calculations from the main screen.
2. Select Add/Subtract days.
3. Select the start date.
4. (Optional) Check the Exclude weekends check box.
5. Select Add/Subtract.
6. Enter the desired criteria.
7. Touch the “=” button.
8. Touch the OK button.
9. (Optional) Press the Back key to return to the calculations screen.
10. (Optional) Press the Back key to return to the main screen.

Body Mass Index Calculation



The screenshot shows the top status bar with icons for home, signal, Wi-Fi, airplane mode, and battery, along with the time 11:30 AM. Below the status bar is a title bar labeled "Body mass index". Underneath, the text "Unit:" is followed by two radio buttons: "Metric" (which is selected) and "Imperial". Below the unit selection are two input fields: "Weight: 59 kg" and "Height: 1.7 m". At the bottom left of the input area is a button with an equals sign (=).

To calculate BMI:

1. Select Calculations from the main screen.
2. Select Body mass index.
3. Select the unit.
4. Enter the corresponding values.
5. Touch the “=” button.
6. Touch the OK button.
7. (Optional) Press the Back key to return to the calculations screen.
8. (Optional) Press the Back key to return to the main screen.

Number Base Conversion

Number base conversion

Decimal:
147

Hexadecimal:
93

Octal:
223

Binary:
10010011

To perform number base conversion:

1. Select Calculations from the main screen.
2. Select Number base conversion.
3. Select the desired number base for conversion.
4. Enter the value to convert.
5. Touch the Enter key.
6. (Optional) Press the Back key to return to the calculations screen.
7. (Optional) Press the Back key to return to the main screen.

Circle Related Calculation

Circle related

Arc Length ▾ =

Radius: 6

Angle: 42 ° rad

Height:

pi value: 3.1415926535897932384626433832795

To perform circle related calculation:

1. Select Calculations from the main screen.
2. Select Circle related.
3. Select the desired calculation.
4. Enter the corresponding value(s).
5. Touch the “=” button.
6. Touch the OK button.
7. (Optional) Press the Back key to return to the calculations screen.
8. (Optional) Press the Back key to return to the main screen.

Area/Volume Calculation

Area/Volume

Rectangle Area

Base:

Width:

Height:

=

To perform area/volume calculation:

1. Select Calculations from the main screen.
2. Select Area/Volume.
3. Select the desired calculation.
4. Enter the corresponding values.
5. Touch the “=” button.
6. Touch the OK button.
7. (Optional) Press the Back key to return to the calculations screen.
8. (Optional) Press the Back key to return to the main screen.

Electrical Unit Calculation

Electrical units

Amperes using Watts and ▼ =

Watt:

Voltage:

Ohm:

Ampere:

To perform electrical unit calculation:

1. Select Calculations from the main screen.
2. Select Electrical units.
3. Select the desired calculation.
4. Enter the corresponding values.
5. Touch the “=” button.
6. Touch the OK button.
7. (Optional) Press the Back key to return to the calculations screen.
8. (Optional) Press the Back key to return to the main screen.

Windchill Calculation

Windchill

Temperature:

-25 °C

Wind speed:

40 km/h

=

To perform windchill calculation:

1. Select Calculations from the main screen.
2. Select Windchill.
3. Select the corresponding units.
4. Enter the corresponding values.
5. Touch the “=” button.
6. Touch the OK button.
7. (Optional) Press the Back key to return to the calculations screen.
8. (Optional) Press the Back key to return to the main screen.

Humidex Calculation

Humidex

Temperature:

33 °C

Humidity:

76 %

=

To perform humidex calculation:

1. Select Calculations from the main screen.
2. Select Humidex.
3. Select the unit.
4. Enter the corresponding values.
5. Touch the “=” button.
6. Touch the OK button.
7. (Optional) Press the Back key to return to the calculations screen.
8. (Optional) Press the Back key to return to the main screen.

File Transfer Time Calculation

File size:

350 MB

Estimated file transfer time:

56 Kbps	14:33:48.800000
64 Kbps ISDN	12:44:35.200000
128 Kbps ISDN	06:22:17.600000
256 Kbps	03:11:8.800000
512 Kbps	01:35:34.400000
640 Kbps DSL	01:16:27.520000
768 Kbps	01:03:42.933333
1.544 Mbps T1/DS1	00:31:41.562694
2.048 Mbps E1	00:23:53.600000
10 Mbps Thin Ethernet	00:04:53.601280
44.736 Mbps T3/DS3	00:01:5.629757
100 Mbps Fast Ethernet	00:00:29.360128
155.52 Mbps OC-3	00:00:18.878683
622.08 Mbps OC-12	00:00:4.719671
1000 Mbps Gig E	00:00:2.936013
1488 Mbps OC-48	00:00:1.180060

To perform file transfer time calculation:

1. Select Calculations from the main screen.
2. Select File transfer time.
3. Enter the value.
4. Select the unit.
5. (Optional) Press the Back key to return to the calculations screen.
6. (Optional) Press the Back key to return to the main screen.

Amateur Vertical Antenna Calculation

The screenshot shows the 'Amateur vertical antenna' calculation screen. At the top, there is a status bar with icons for home, back, Wi-Fi, airplane mode, and battery, along with the time '11:44 AM'. Below the status bar, the title 'Amateur vertical antenna' is displayed. The 'Frequency:' label is followed by a text input field containing '300' and a unit label 'mHz'. The 'Antenna wavelength:' label is followed by a dropdown menu showing '1/2'. Below these fields is an equals sign '=' button.

To perform amateur vertical antenna calculation:

1. Select Calculations from the main screen.
2. Select Amateur vertical antenna.
3. Enter the frequency.
4. Select the wavelength.
5. Touch the “=” button.
6. Touch the OK button.
7. (Optional) Press the Back key to return to the calculations screen.
8. (Optional) Press the Back key to return to the main screen.

Decimal/Sexagesimal Conversion

The screenshot shows the top status bar with icons for home, back, Wi-Fi, airplane mode, and battery, along with the time 11:44 AM. Below the status bar is a title bar labeled "Decimal/Sexagesimal". The main interface has a "Decimal:" label followed by a text input field containing "119.9331". Below that is a "Sexagesimal:" label with three input fields: the first contains "119", the second contains "55", and the third contains "59.160000". A "Clear" button is located at the bottom of the input area.

To perform decimal/sexagesimal conversion:

1. Select Calculations from the main screen.
2. Select Decimal/Sexagesimal.
3. Select the desired base for conversion.
4. Enter the value to convert.
5. Touch the Enter key.
6. (Optional) Press the Back key to return to the calculations screen.
7. (Optional) Press the Back key to return to the main screen.

Options

To change options, select Options from the main screen.

Display Settings

Field	Description
Digit grouping	Group digits by thousands
Decimal places	Select the number of decimal places for display

Currency Conversion

Field	Description
Automatic rate update	Automatically download the latest currency file upon opening the currency exchange screen