

Date & Time Menu

This menu allows to perform date and time calculations. To show it, touch the “**DATE / TIME**” button in the main menu.



Date/Time Menu Buttons	
[Date 1]	Input or calculate Date 1 in current date format.
[Date 1]	Input or calculates Date 2 in current date format.
[ΔDays]	Input or calculates the number of days lapsed from Date 1 to Date 2 using the Actual calendar.
[Δ360]	Calculates the number of days elapsed from Date 1 to Date 2 using the 360 days year.
[Δ365]	Calculates the number of days lapsed from Date 1 to Date 2 using the 365 days year.
[TODAY]	Enters the current date in the stack.
[Time 1]	Stores or calculates the Time 1 value.
[Time 2]	Stores or calculates the Time 2 value.
[ΔTime]	Stores or calculates the time elapsed from Time 1 to Time 2.

Date/Time Menu Buttons

[>H.MS]	Convert the stack-X value from decimal hours to Hour-Minutes-Seconds format.
[>HR]	Convert the stack-X value from Hour-Minutes-Seconds to decimal hours.
[NOW]	Enters the current time in the stack.

Example 1: Time Calculation

How much time has elapsed from 10:21:13 if now the time is 23:37:45?

Solution:

Keystrokes	Description
23.3745 [Time 2]	Input the final time in Time 2.
10.2113 [Time 1]	Input the initial time in Time 1.
[ΔTime]	Calculate the time difference. ΔTime = 13.1632 (13 hours, 16 minutes and 32 seconds)

Example 2: N° of Days Between Dates

Find the number of days between April 20, 1949 and August 8, 1988.

Solution: (M.DY date format)

Keystrokes	Description
4.201949 [Date 1]	Input the first in Date 1. Date 1 = 04/20/1949 Wed
8.081988 [Date 2]	Input the second date in Date 2. Date 2 = 08/08/1988 Mon
[ΔDays]	Calculate the actual number of days. ΔDays = 14,355.00
[Δ360] [Δ365]	Calculate 360 days calendar. Δ360 = 14,148.00 Calculate 365 days calendar. Δ365 = 14,345.00

Example 3: Future Date

At what date will be the day 10,000 of the current millennium ?

Solution: (M.DY date format)

Keystrokes	Description
12.311999 [Date 1]	Input the last day of previous millennium in Date 1.
10000 [ΔDays]	Input the number of days in ΔDays.
[Date 2]	Calculate the future date. Date 2 = 05 / 18 / 2027 Tue (May 18, 2027)

Example 4: Decimal Hour to H:MM:SS format

How can you read 13.2756 decimal number as a time? and the time in 1 hour and 20 minutes more ?

Solution: (ALG mode)

Keystrokes	Description
13.2756 [>H.MS]	Convert to H.MS format. Result = 13.1632 (13 hours, 16 minutes and 32 seconds)
[>HR] [+]	Convert back to decimal hours and initiate the add operation.
1.20 [>HR]	Type "1.2" and convert to decimal hours. Result = 1.3333
[=] [>H.MS]	End the add operation and convert to H.MS format. Result = 14.3632 (14 hours, 36 minutes and 32 seconds).