Date & Time Menu
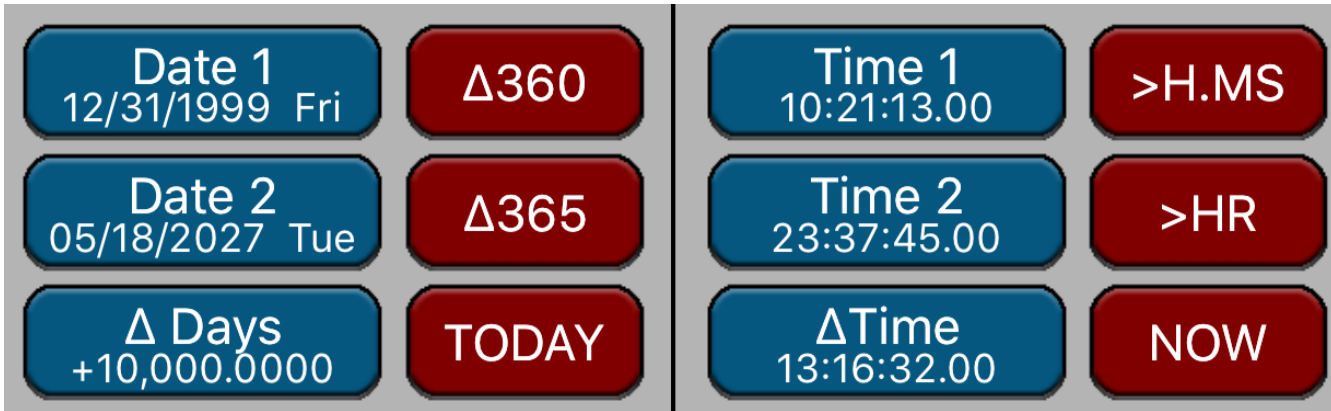
This menu allows to perform time and date calculations. To show it, touch the "**Date / Time**" button in the main menu.

Date 1 12/31/1999 Fri	Δ360	Time 1 10:21:13.00	>H.MS
Date 2 05/18/2027 Tue	Δ365	Time 2 23:37:45.00	>HR
Δ Days +10,000.0000	TODAY	ΔTime 13:16:32.00	NOW

Note: All dates are formatted in the current calculator's date format ("M.DY", "D.MY" or "Y.MD").

Date/Time Menu Buttons	
[Date 1]	Stores or calculates the Date 1 value.
[Date 1]	Stores or calculates the Date 2 value.
[ΔDays]	Stores 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.

Date/Time Menu Buttons	
[Time 2]	Stores or calculates the Time 2 value.
[ΔTime]	Stores or calculates the time elapsed from Time 1 to Time 2.
[>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
Type "23.3745" **[Time 2]**	Type the final time and stored it in Time 2.
Type "10.2113" **[Time 1]**	Type the initial time and stored it in Time 1.
[ΔTime]	Calculate the time difference. **Result = 13.1632** (13 hours, 16 minutes and 32 seconds)

Example 2: N° of Days Between Dates (M.DY date format)
Find the number of days between April 20, 1949 and August 2, 1988.
Solution:

Keystrokes	Description
Type "4.201949" **[Date 1]**	Type the first date and stored it in Date 1.
Type "8.021988" **[Date 2]**	Type the second date and stored it in Date 2.
[ΔDays	Calculate the actual number of days. **Result = 14,349.00**

Keystrokes	Description
[Δ360]	Calculate 30/360 Year number of days. **Result = 14,142.00**
[Δ365]	Calculate 365 Year number of days. **Result = 14,339.00**

Example 3: Future Date (M.DY date format)

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

Solution:

Keystrokes	Description
Type "12.311999" [Date 1]	Store the last day of previous millennium in Date 1.
Type "10000" [ΔDays]	Store the number of days in ΔDays.
[Date 2]	Calculate the future date. **Result = 2027.0518** (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:

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