TIME & DATE Calculations Menu (TIME)

TIME calculations menu

DATE calculations menu
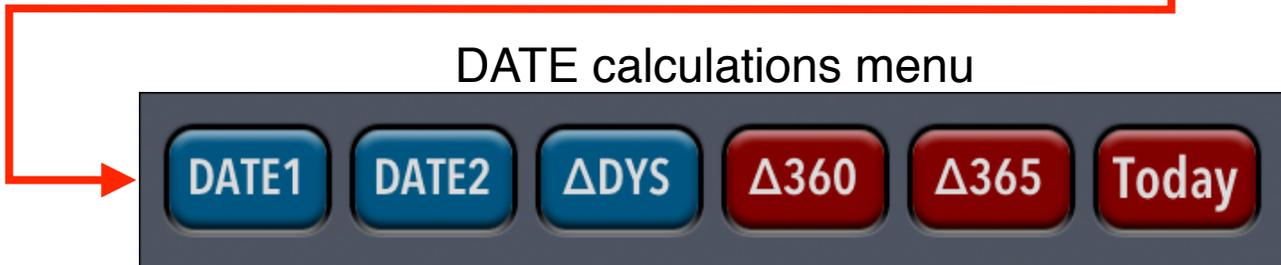
TIME Menu Buttons	
HMS1 HMS2 ΔHMS	Stores or calculates an Hour, using the Hour, minutes and seconds (HH.MMSS) format. The relation between these three hours calculations are performed using the formula: **ΔHMS = HMS2 - HMS1**
>HMS	Convert the displayed number from a decimal hour to a HMS hour (HH.MMSS format).
>HR	Convert the displayed number from a HMS formatted hour to a decimal hour (HH.dddd format).
DATE	Shows the DATE calculations menu

DATE Menu Buttons	
DATE1	Stores or Calculates a Date, using the current date format preference (M.DY or D.MY).
DATE2	Stores or Calculates a Date, using the current date format preference (M.DY or D.MY).
ΔDYS	Stores or Calculates the number of actual days (with leap years) between Date 2 and Date 1: **ΔDYS = DATE2 - DATE1**
Δ360	Calculates the number of days elapsed from DATE1 to DATE2 considering a 30 days month and 360 days year.
Δ365	Calculates the number of days elapsed from DATE1 to DATE2 considering a 365 days year (no leap year).
Today	Enters the current date in the current format (M.DY or D.MY).

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

Solution: Follow the next sequence

Keystrokes	Description
23.3745 **HMS2**	Type the final hour and enter it. **HMS2 = 23:37:45.00**
10.2113 **HMS1**	Type the initial hour and enter it. **HMS1 = 20:21:13.00**
ΔHMS	Calculates the time difference. **ΔHMS = 13:16:32.00**

Example: N° of Days Between Dates.
Fin the number of days between April 20, 1949 and August 2, 1988.

Solution: Follow the next sequence **(in M.DY mode)**

Keystrokes	Description
4.201949 DATE1	Type the first date and enter it. **DATE1 = 04/20/1949 Wed**
8.021988 DATE2	Type the second date and enter it. **DATE2 = 08/02/1988 Tue**
ΔDYS	Calculates the actual number of days. **ΔACTUAL DAYS = 14,349.00**
Δ360	Calculates the 360 days year number of days. **360 DAYS = 14,142.00**
Δ365	Calculates the 365 days year number of days. **365 DAYS = 14,339.00**

Example: Future Date.
At what date will be the day 10,000 of the current millennium ?

Solution: Follow the next sequence **(in M.DY mode)**

Keystrokes	Description
12.311999 DATE1	Type the first date and enter it. **DATE1 = 12/31/1999 Fri**
10000 ΔDYS	Type the number of days and enter it. **ΔACTUAL DAYS = 10,000.00**
DATE2	Calculates the future date. **DATE2 = 05/18/2027 Tue**