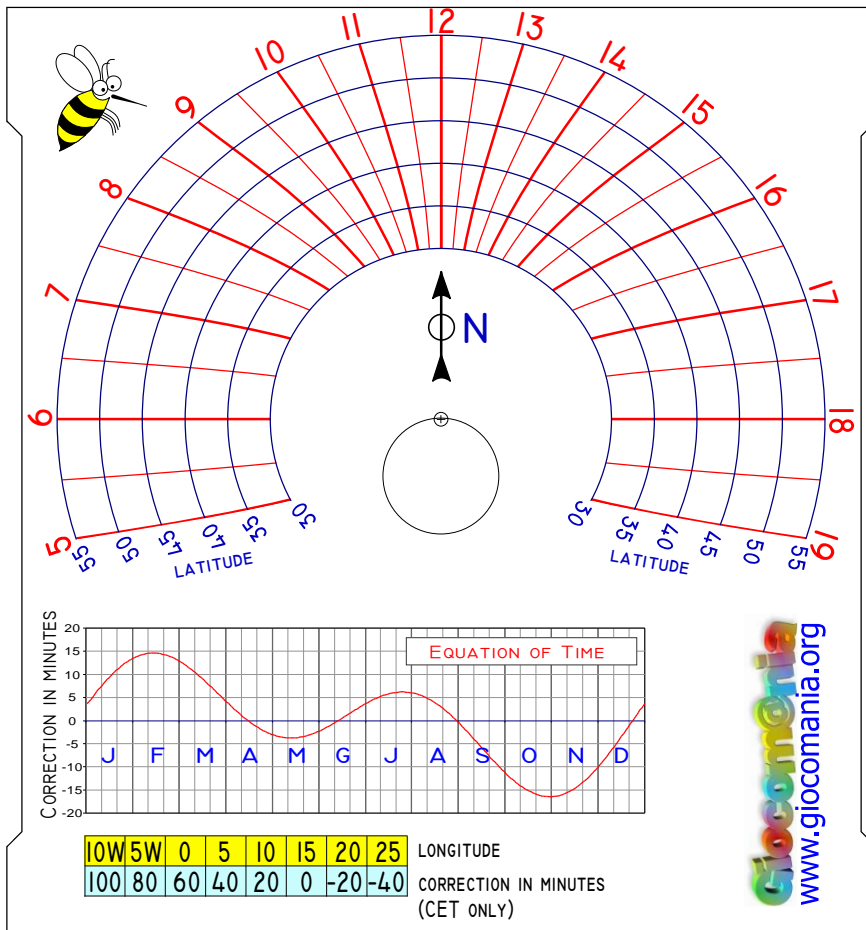


WESTERN EUROPEAN TIME / WESTERN EUROPEAN SUMMER TIME (UTC+0 / UTC+1).  
 CENTRAL EUROPEAN TIME / CENTRAL EUROPEAN SUMMER TIME (UTC+1 / UTC+2).  
 EASTERN EUROPEAN TIME / EASTERN EUROPEAN SUMMER TIME (UTC+2 / UTC+3).  
 MOSCOW TIME / MOSCOW SUMMER TIME (UTC+3 / UTC+4).

PORTABLE UNIVERSAL SUNDIAL



# PORTABLE UNIVERSAL SUNDIAL

Giocomania  
www.giocomania.org



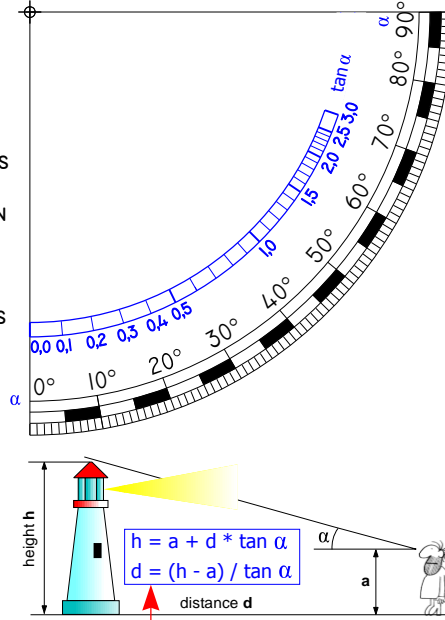
$\alpha$	%
1	2
2	3
3	5
4	7
5	9
6	11
7	12
8	14
10	18
12	21
14	25
17	31
18	32
20	36
22	40
24	45
27	51
31	60
34	67
35	70
37	75
40	84
42	90
45	100
50	119

TO USE THE QUADRANT YOU HAVE TO EXPLOIT THE **UPPER EDGE** AS SIGHT ALIGNMENT

THE **SIDE TABLE** LINKS THE ANGLE ALPHA WITH THE INCLINATION (PERCENTAGE OF)

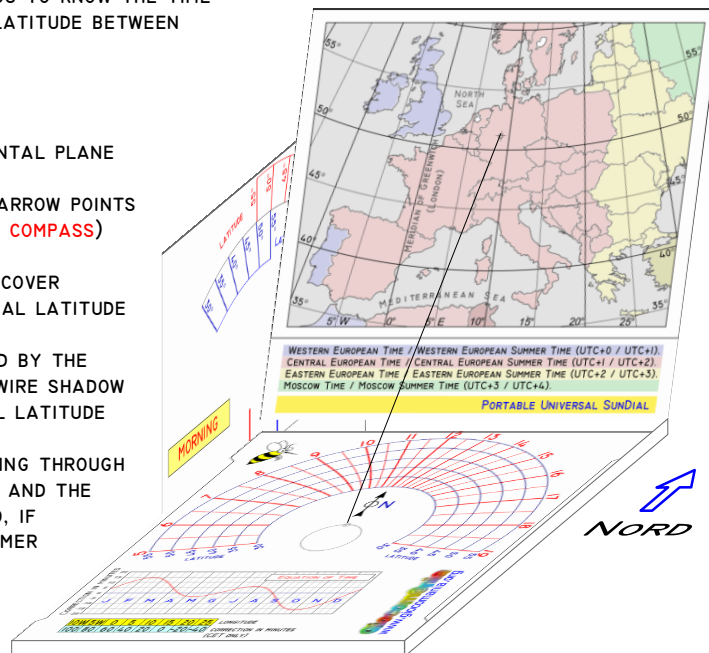
THE **FORMULA** ALLOWS TO COMPUTE **h** BY KNOWING **d** OR REVERSE

THE SUNDIAL IS INSIDE, WHILE THE USER INSTRUCTIONS ARE ON THE BACK.



THIS SUNDIAL ALLOWS YOU TO KNOW THE TIME IN EVERY SITES WITH A LATITUDE BETWEEN **30°** AND **55°**.

- **O**PEN CD BOX
- **P**LACE IT ON A HORIZONTAL PLANE
- **R**OTATE IT UNTIL THE ARROW POINTS TOWARD NORTH (**USE A COMPASS**)
- **I**NCLINE THE VERTICAL COVER ACCORDING TO THE LOCAL LATITUDE
- **R**EAD THE TIME MARKED BY THE INTERSECTION OF THE WIRE SHADOW AND THE ARC OF LOCAL LATITUDE
- **C**ORRECT SUCH A READING THROUGH THE EQUATION OF TIME AND THE LONGITUDE OFFSET AND, IF NEEDED, ALSO FOR SUMMER TIME (DST).



PORTABLE UNIVERSAL SUNDIAL

PORTABLE UNIVERSAL SUNDIAL

MORE INFORMATION: [WWW.GIOMANIA.ORG](http://WWW.GIOMANIA.ORG)

REL. 1.2

