

The Astrolabe

An Early Analog Computer



8th to 10th Century

A Revolution in Astronomy & Navigation

As a multifunctional observational tool, the astrolabe solved complex calculations regarding the positions of the sun and stars, timekeeping and navigation. Below are some of the most notable names associated with its development and advancement.

Al-Zarqali • Maryam al-Ijliyya
Al-Khwarizmi • Ali ibn Isa
Masha'allah • Ali ibn Khalaf