Moon, Time & Tide Clock set up instructions

Moon

Please go to circularandco.com to find the current moon phase. You can adjust the hand using the small wheel on the back of the movement. Please note: The Moon movement is silent and rotates just once every 29 days, so it may appear at first that the movement is not working. When working in conjunction with a tide clock the moon movement provides a valuable indication of tidal heights. The Moon cycles every 29 days, 12 hours, and 44 minutes, during this time the Moon's gravitational pull causes the ocean to bulge in its direction, intensifying the tides. When the Sun and Moon are aligned, these forces are exceptionally strong causing very low and very high tides There are called Spring tides, although they have nothing to do with the season. When the Sun and Moon are not aligned during a Quarter Moon, these tides are less intense and called Neap tides. During these periods the tides can be up to 20% higher or lower than average.

Time

Set the time as you normally would on a conventional clock.

Tide clock.

Tides are caused mainly by the moon's gravitational pull on the oceans. The time it takes the moon to reappear at the same place in the sky each day is 24hrs and 50mins. Most areas in the world have two high tides and two low tides a day, so the tide clock has been specially designed to rotate twice each lunar day (every 12hrs and 25mins) giving you a quick and easy indication of high and low water. Your quartz tide clock will always stay synchronized to the moon.

Setting your tide clock - for best accuracy please always set your tide clock on the day of a full moon

Establish your local high tide time by visiting Circularandco.com. At exactly high tide set the clock in its high tide position (hand pointing straight up). You can adjust the hand by turning the small wheel on the back of the movement. Insert an AA battery and then leave alone, do not readjust the clock unless on a full moon.

For more information, visit: Circularandco.com/instructions
or contact: Support@circularandco.com