HOW YOUR TIDE CLOCK WORKS.

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 24 hours and 50 minutes. 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 12 hours and 25 minutes) giving you a quick and easy indication of high and low water. Your Quartz tide clock will always stay synchronised to the moon.

Setting your tide clock.
- Establish your local high tide time by logging on to www.**ashortwalk**.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. DO NOT PHYSICALLY PUSH THE HAND as this will damage the movement.
- Insert battery (size AA). One AA battery will last around two years.

Moon Phase Clock

The moon's cycle is every 29 days, 12 hours and 44 minutes. During this time the moon's gravitational pull causes the oceans 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. These 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.

Setting your moon phase clock

Retrieve your current moon phase from ashortwalk.com

Adjust the hand to the current moon phase using the small wheel on the back of the movement. (Do not push the hand round as this can damage 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.

For best accuracy please set your tide clock on the day of a full moon.

Full moon dates can be found at www.ashortwalk.com

Any problems call 01872 575000 or email chris@ashortwalk.com

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