



Shapel Tide Clocks

How to set the time/tide indicator

Setting Instructions

To achieve the maximum accuracy from your Tide-Time indicator it should be set at the 'High Tide' position on the day of a full moon.

The tide hand is already set in this position so all you need to do is to insert an 'AA' battery at this time to start it going.

By setting the tide function in this way it will display the minimum error throughout the month. This can vary from zero to around 30 minutes earlier or later. However, on the following full moon these discrepancies will cancel themselves out and the time will again be accurate.

How Does it Work?

The major cause of the tide cycle is the moon. The tide clock is based on the 'lunar Day' (the time it takes for the moon to reappear in the same place in the sky). This time is 24 hours and 50 minutes.

Since there are two high and low tides each day the clock hand is set to rotate once every 12 hours and 25 minutes. Thus the tide clock always stays in step with the moon. There are however many other factors which can have a slight bearing on the tide ie: the sun, wind etc.

If for any reason the hand needs to be adjusted there is an adjusting ring on the back of the movement. Once again any adjustments should be made on the full moon.

Time

Your Tide Indicator also features a conventional clock which has its own power source and works independently. This runs on an 'AAA' battery. The time is set by the adjustment wheel on the back of the clock.

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Artisans on the Hill

702 Tinonee Road | Mondrook (Tinonee) 2430 | (02) 6553 1199 | tide@artisansonthehill.com.au

