

Installing the *Cape Codder® Clock w/Tide Hand*

The *Cape Codder® Clock* contains an accurate, reliable quartz movement powered by a single "AA" battery. It is designed for use on the Atlantic Coast of North America, where tides occur on a "semi-diurnal" pattern involving roughly two high and two low tides per day. In these areas the time between successive high (or low) tides is approximately 12 hours and 25 minutes. Thus, the red tide hand turns at a slightly slower rate than the hour hand.



Installing the clock requires three simple steps: 1.) Inserting a single "AA" battery; 2.) Setting the time and tide; 3.) Hanging the clock on a wall (or placing in a mantel stand, if desired).

Setting the Clock: After inserting a battery, set the time using the set-wheel on the back of the movement. Then, consulting a tide chart for the body of water of interest to you, use the large tide-set wheel at the bottom of the clock movement to adjust the red tide hand accordingly. For example, if the tide chart indicates the next high tide is at 10:00 o'clock and it is currently 8:00 o'clock, set the red tide hand to read two hours before high.

Note: The height and precise timing of the tide may be affected by strong winds or unusual barometric conditions. When adjusting the time twice a year for Daylight Savings Time, it may be necessary to re-set the tide as well. *When making adjustments, always set the time first, then the tide.*

If mounting the clock on a sheetrock wall, drill a 1/4" hole about 5/8" below where you wish the top edge of the clock to be located. Then gently tap the enclosed screw anchor into place until the cap prongs are imbedded in the wall and the cap is snug against the surface. Next, turn the screw clockwise, pressing firmly to prevent the anchor from rotating. As the screw turns, the anchor legs inside the wall spread and grip the inside of the wallboard. Tighten the screw until a definite resistance is felt. The anchor is now fully expanded. Now, back out the screw a distance of about 1/16" to allow sufficient clearance to engage the keyhole in the back of the clock.

If mounting the clock on a *Wood* surface, drive the 3/4" x 8 round head wood screw enclosed about 5/8" below the top edge of the desired clock location, leaving about 1/16" of clearance under the screw head for the keyhole in the clock back. Align the bottom of the keyhole with the screw, press the clock back over the screw, then pull down to engage the screw in the top of the keyhole. Alternatively, the clock can be mounted using the eyeleted holes in the brass bezel by first removing the three dummy screws then replacing them with brass wood screws (3/4" X 4 size).

Should your clock ever need servicing, contact the manufacturer directly.

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