

SUNDIAL WALL MOUNTED UK - instructions.

Assembling your sundial.

To protect from any transit damage your sundial comes with the gnomon detached from the main dial plate. Simply push the gnomon into the two available holes, the fit will be tight to ensure rigidity so you may have to push quite hard.

Setting your sundial.

Your wall mounted sundial consists of the dial plate, marked off in hours, and the gnomon which sits on the noon line and projects out from the dial plate. The gnomon angle is parallel with the co-latitude of central UK which will be fine for most of central and northern Europe. For best accuracy your sundial is designed to be mounted facing true south. The sundial is also set to Greenwich Mean Time (GMT).

You can fix the sundial using raw plugged screws (into stone and concrete) or wood screws through the four mounting holes.

Accuracy.

Your sundial uses the light from the sun to show the Local Time. This is different from the Mean Time shown by your watch. For every degree of longitude to the West of Greenwich, the dial will appear to be 4 minutes slow.

The sun also varies its timekeeping throughout the year, which further complicates the apparent difference. This is referred to as The Equation of Time. In February the sun, and therefore your dial, will be as much as 15 minutes slower than your watch. In late October to early November, the sun will be 15 minutes ahead of your watch.

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