ORBITA
WATCHWINDERS

Siena

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CUP type units

ORBITA Siena Watchwinders provide 360 degrees winding action. The cup unit provides the appropriate winding action that may be required for heavy watches or large diameter chronographs. The cushion supplied with each cup unit will accommodate a wide range of wrist sizes and bracelet or strap designs. However, both smaller and larger cushions are available upon request if required.

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DUAL type units

These units allow two watches to be wound on a single motor shaft. Dual holders should always be loaded with two watches for balance to prevent premature bearing wear to the drive system components.

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Battery or AC?

Take your choice. Your watchwinder operates on 6 volts DC which is supplied using one or more battery compartments, each of which accepts four (4) "C" cell alkaline storage batteries (not included). However, you may use the supplied AC/DC plug-in wall adapter which converts any house voltage to 6 volts DC. If you opt to use the plug-in adapter, it is a wise precaution to remove the batteries to prevent possible battery acid spillage. The adapter does not recharge the batteries.

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How your Watchwinder Operates

The drive motor is cycled on and off by a microprocessor which activates the drive system. There will be a brief pause in the motors after the unit is turned on. The pause interval is variable and is user programmed. The pause time can vary depending upon the setting. This allows the winding program to be optimized for a particular watch and affords maximum battery life and minimum wear to both watch and winder. An on / off switch controls operation.

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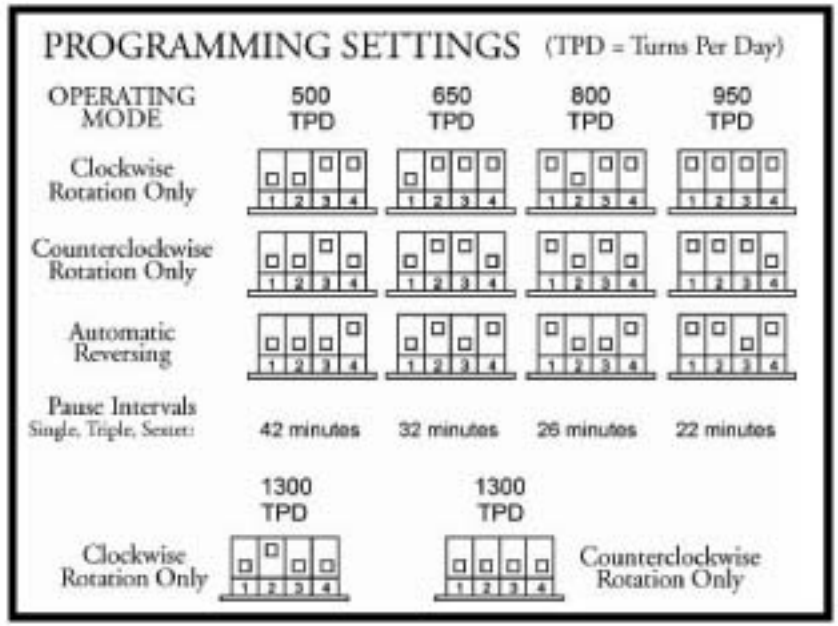
Programmed Operation

Provides a choice of five settings; 500, 650, 800, 950 or 1300 turns per day (TPD). Additionally, each spindle may be individually programmed to automatically reverse after each cycle for bi-directional winding watches or programmed to rotate either clockwise or counter-clockwise for unidirectional winding watches. Programming is accomplished by moving the small white DIP switches on the front of the assembly. To access our extensive and continually updated watch database with recommended watchwinder setting, click here. www.orbita.net/pages/17100.htm.



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Troubleshooting Winder Operation

Virtually all fine automatic watches require between 600 and 800 turns per day (TPD), whether worn on your wrist or turning on your watchwinder. For convenience, Orbita programmable watchwinders are preset at the factory for 800 TPD with clockwise rotation. However, many automatic watches wind in both directions. For this style, choose bi-directional winding as it distributes wear over all components of the watch's internal winding mechanism and is the most efficient mode of winding operation. If your watch is not winding at the factory default setting of 800 TPD with clockwise rotation, proceed as follows.

Step 1: Set the program for 800 TPD counter-clockwise rotation only. Simply reset the DIP switches to the appropriate positions shown. Then run this way for a few days. Be sure the unit is properly plugged into a working electrical outlet or that the batteries are fresh. Any time the DIP switches are re-set, be sure to turn the unit off and on.

Step 2: If Step 1 doesn't solve the problem, call our Customer Service Department at (800)800-4436 or e-mail info@orbita.com. We will try to diagnose and resolve the problem for you.

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About Power Reserve

Some automatic watches incorporate a Power Reserve Indicator (PRI) on the dial face. The PRI shows how many hours the watch will operate if unworn. Basically, the PRI indicates the tension of the mainspring. Our winder will keep your watch running and the PRI will read anywhere from ¼ to full reserve. This is perfectly normal. If the PRI always shows full reserve, you might want to reduce the turns per day program slightly. This will conserve battery power and prevent winding more than necessary.

Detail of Power Reserve indicator

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Winder Running Continuously?

If you notice that your watchwinder has suddenly begun to run continuously, don't despair. The winder is telling you that it is time to change its batteries. Here's what's happening... as the batteries drain over time, the voltage drops and , at one point, the microprocessor shuts down. However, the reduced voltage is still enough to power the low-current motor for a while. So, install new batteries and the continuous run problem will be solved.

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Battery Replacement

Remove the watchwinder drive unit for battery replacement.

First, remove the cups, grasp the spindles and lift the drive unit out of the case. Once clear, remove the battery covers using the finger tabs. Install batteries in the positions indicated. Reinstall the battery cover (s) and replace drive unit back in the case.

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Mounting Your Watch

Mount your watch securely on the black elastomer watch cushion and then slide both the watch and cushion in deeply enough so that the watch is slightly recessed within the cup. Both smaller and larger cushions are available upon request if required.

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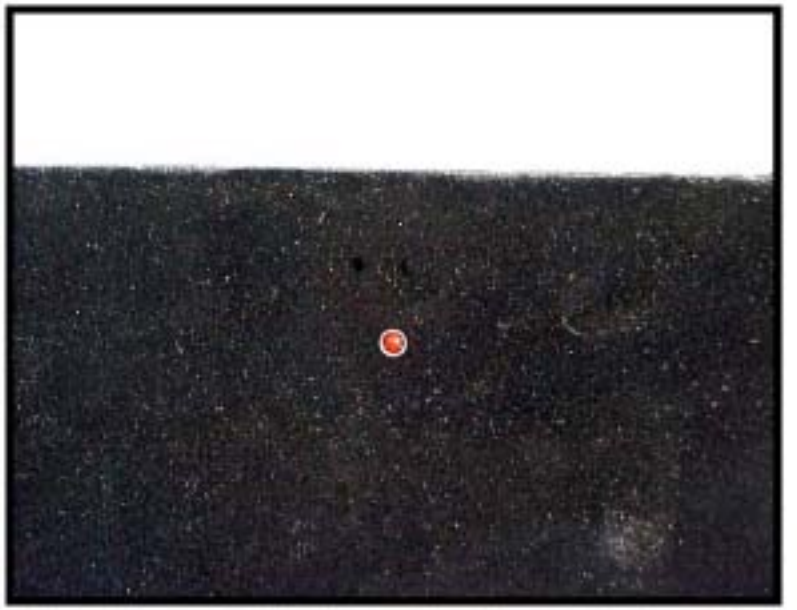
Battery Alert

This is a unique feature on many of our multiple head, battery – powered watchwinders. It incorporates a solid state detector circuit that continually monitors battery voltage. After your winder has been running for several months, battery voltage drops from the original 6.0 volts supplied by fresh batteries. When it drops to less than 4.8 volts, the detector circuit automatically triggers a small LED light on the front panel signaling battery replacement is in order. Your winder will continue to operate while the LED is lit, but actual winding time (turns per day) is reduced proportionately to the voltage drop. For best winding performance, battery replacement should not be delayed. If the supplied plug-in AC/DC adapter is powering your watchwinder, the battery alert feature is automatically disabled.



Detail of Battery Alert